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The Areas of Interest at Oxnard College are groupings of similar programs that can lead to similar employment opportunities. It is designed help students focus on a pathway to study applicable to their unique strengths, personality, and interests. The college's goal is to help limit unnecessary units or courses while also providing broad career and major exploration for undecided students.

Below are the links to the eight Areas of Interest:

- Hands-on Learning (<https://oxnard.programmapper.com/academics/interest-clusters/6b6bde82-7d2b-46b7-9c20-7a929f2d372c/>)
- Education (<https://oxnard.programmapper.com/academics/interest-clusters/a0421d32-5d5c-4ecc-a8f9-0f64696e2255/>)
- Law, Culture, and Society (<https://oxnard.programmapper.com/academics/interest-clusters/5405910e-2a87-471b-be9f-d64887f28bc3/>)
- Science, Technology, Engineering, and Math (STEM) (<https://oxnard.programmapper.com/academics/interest-clusters/64fa1e95-360d-446b-afe2-3664001f97d2/>)
- Business and Hospitality (<https://oxnard.programmapper.com/academics/interest-clusters/1002951c-5170-4ab6-ba09-e03437b53a7b/>)
- Language and Culture (<https://oxnard.programmapper.com/academics/interest-clusters/ffa88389-4738-470a-a9f2-1f7a26b19715/>)
- Public Safety, Health and Wellness (<https://oxnard.programmapper.com/academics/interest-clusters/3f7ad7a2-419d-4afe-a1ba-9ffdabd91b06/>)
- Visual and Creative Arts (<https://oxnard.programmapper.com/academics/interest-clusters/2fdff75f-fced-44b7-9a9d-577a3b62ace3/>)

Degree/Certificate Name	Courses	Degree/Certificate Type	Area of Interest
Addictive Disorders Studies in the Criminal Justice System, Associate in Science (p. 174)	Yes	Associate in Science	Public Safety, Health, and Wellness
Addictive Disorders Studies in the Criminal Justice System, Certificate of Achievement (p. 175)	Yes	Certificate of Achievement	Public Safety, Health, and Wellness
Addictive Disorders Studies, Associate in Science (p. 176)	Yes	Associate in Science	Public Safety, Health, and Wellness
Addictive Disorders Studies, Certificate of Achievement (p. 177)	Yes	Certificate of Achievement	Public Safety, Health, and Wellness
Administering Microsoft Windows, Proficiency Award (p. 245)	Yes	Proficiency Award	Hands-on Technology

Advanced Skills for Addiction Treatment Counselors, Certificate of Achievement (p. 178)	Yes	Certificate of Achievement	Public Safety, Health, and Wellness
Air Conditioning and Refrigeration (p. 179)	Yes		
Air Conditioning and Refrigeration, Associate in Science (p. 182)	Yes	Associate in Science	Hands-on Technology
Air Conditioning and Refrigeration, Certificate of Achievement (p. 182)	Yes	Certificate of Achievement	Hands-on Technology
Airside Systems, Proficiency Award (p. 183)	Yes	Proficiency Award	Hands-on Technology
American Sign Language, Certificate of Achievement (p. 185)	Yes	Certificate of Achievement	Languages and Literature
Anthropology, Associate in Arts for Transfer (p. 191)	Yes	Associate in Arts for Transfer	Law, Culture, and Society
Art - Two-Dimensional Studio, Associate in Arts (p. 198)	Yes	Associate in Arts	Visual and Performing Arts
Art History, Associate in Arts for Transfer (p. 198)	Yes	Associate in Arts for Transfer	Law, Culture, and Society
Auto Body Painting and Refinishing, Certificate of Completion (p. 206)	No	Certificate of Completion	Hands-on Learning
Auto Body Painting and Refinishing, Proficiency Award (p. 204)	Yes	Proficiency Award	Hands-on Technology
Auto Body/Collision Repair, Proficiency Award (p. 204)	Yes	Proficiency Award	Hands-on Technology
Automotive Air Conditioning Service, Certificate of Achievement (p. 210)	Yes	Certificate of Achievement	Hands-on Technology
Automotive Body and Fender Repair, Associate in Science (p. 204)	Yes	Associate in Science	Hands-on Technology
Automotive Body and Fender Repair, Certificate of Achievement (p. 205)	Yes	Certificate of Achievement	Hands-on Technology
Automotive Body and Fender Repair, Certificate of Completion (p. 206)	Yes	Certificate of Completion	Hands-on Learning
Automotive Brake Systems, Certificate of Achievement (p. 211)	Yes	Certificate of Achievement	Hands-on Technology
Automotive Emissions Systems, Certificate of Achievement (p. 211)	Yes	Certificate of Achievement	Hands-on Technology
Automotive Engine Performance, Certificate of Achievement (p. 212)	Yes	Certificate of Achievement	Hands-on Technology
Automotive Graphics, Certificate of Completion (p. 206)	No	Certificate of Completion	Hands-on Learning
Automotive Graphics, Proficiency Award (p. 205)	Yes	Proficiency Award	Hands-on Technology
Automotive Service Advising, Certificate of Achievement (p. 212)	Yes	Certificate of Achievement	Hands-on Technology
Automotive Steering and Suspension, Certificate of Achievement (p. 213)	Yes	Certificate of Achievement	Hands-on Technology
Automotive Technology, Associate in Science (p. 213)	Yes	Associate in Science	Hands-on Technology
Automotive Technology, Certificate of Achievement (p. 214)	Yes	Certificate of Achievement	Hands-on Technology
Automotive Transmission and Driveline Systems, Certificate of Achievement (p. 214)	Yes	Certificate of Achievement	Hands-on Technology
Baking and Patisserie, Proficiency Award (p. 253)	Yes	Proficiency Award	Business and Hospitality

Biology, Associate in Science for Transfer (p. 218)	Yes	Associate in Science for Transfer	STEM
Business Administration 2.0, Associate in Science for Transfer (p. 223)	Yes	Associate in Science for Transfer	Business and Hospitality
Business Information Worker Quick Start, Certificate of Completion (p. 438)	Yes	Certificate of Completion	Business and Hospitality
Business Information Worker Quick Start, Certificate of Completion Noncredit (p. 241)	Yes	Certificate of Completion	Business, Information, & Technology
Business Management, Associate in Science (p. 224)	Yes	Associate in Science	Business and Hospitality
Business Management, Certificate of Achievement (p. 225)	Yes	Certificate of Achievement	Business and Hospitality
Catalog Addendum 2022-2023 (p. 496)	No		
Chemistry, Associate in Arts (p. 228)	Yes	Associate in Arts	STEM
Chemistry, Associate in Science (p. 229)	Yes	Associate in Science	STEM
Chemistry, Associate in Science for UC Transfer (p. 229)	No	Associate in Science for UC Transfer	
Chicana/o Studies, Associate in Arts (p. 233)	Yes	Associate in Arts	Law, Culture, and Society
Child and Adolescent Development, Associate in Arts for Transfer (p. 235)	No	Associate in Arts for Transfer	Law, Culture, and Society
Cisco Networking, Proficiency Award (p. 246)	Yes	Proficiency Award	Hands-on Technology
Coastal Environmental Studies, Associate in Science (p. 236)	No	Associate in Science	STEM
Communication Studies, Associate in Arts for Transfer (p. 239)	Yes	Associate in Arts for Transfer	Visual and Performing Arts
Community Behavioral Health Worker, Certificate of Achievement (p. 179)	No	Certificate of Achievement	Law, Culture, and Society
Computer Networking Information Technology, Associate in Science (p. 246)	Yes	Associate in Science	Hands-on Technology
Computer Networking Information Technology, Certificate of Achievement (p. 247)	Yes	Certificate of Achievement	Hands-on Technology
Courses Offered for Credit by Examination (p. 152)	No		
CSU GE-Breadth, Certificate of Achievement (p. 315)	No	Certificate of Achievement	
Culinary Arts, Associate in Science (p. 253)	Yes	Associate in Science	Business and Hospitality
Culinary Arts, Certificate of Achievement (p. 254)	Yes	Certificate of Achievement	Business and Hospitality
Cybersecurity, Certificate of Achievement (p. 248)	Yes	Certificate of Achievement	Hands-on Technology
Deaf Studies, Associate in Arts (p. 185)	Yes	Associate in Arts	Languages and Literature
Deaf Studies, Associate in Arts (p. 258)	Yes	Associate in Arts	Languages and Literature

Dental Assisting, Associate in Science (p. 262)	Yes	Associate in Science	Public Safety, Health, and Wellness
Dental Assisting, Certificate of Achievement (p. 263)	Yes	Certificate of Achievement	Public Safety, Health, and Wellness
Dental Hygiene, Associate in Science (p. 270)	Yes	Associate in Science	Public Safety, Health, and Wellness
Early Childhood Education, Associate in Science for Transfer (p. 274)	Yes	Associate in Science for Transfer	Education
Early Childhood Studies Associate Teacher, Certificate of Achievement (p. 275)	Yes	Certificate of Achievement	Education
Early Childhood Studies, Associate in Science (p. 275)	Yes	Associate in Science	Education
Early Childhood Studies, Certificate of Achievement (p. 276)	Yes	Certificate of Achievement	Education
Economics, Associate in Arts (p. 278)	Yes	Associate in Arts	Business and Hospitality
Economics, Associate in Arts for Transfer (p. 279)	Yes	Associate in Arts for Transfer	Business and Hospitality
Electrical Systems for HVAC/R, Proficiency Award (p. 183)	Yes	Proficiency Award	Hands-on Technology
Elementary Teacher Education, Associate in Arts for Transfer (p. 281)	Yes	Associate in Arts for Transfer	Education
Emergency Medical Responder, Proficiency Award (p. 283)	Yes	Proficiency Award	Public Safety, Health, and Wellness
Emergency Medical Technician Refresher, Proficiency Award (p. 283)	Yes	Proficiency Award	Public Safety, Health, and Wellness
Emergency Medical Technician, Certificate of Achievement (p. 284)	Yes	Certificate of Achievement	Public Safety, Health, and Wellness
Emergency Medical Technician, Certificate of Completion (p. 284)	Yes	Certificate of Completion	Public Safety, Health, and Wellness
Emergency Medical Technology, Proficiency Award (p. 284)	Yes	Proficiency Award	Public Safety, Health, and Wellness
Energy Auditing, Proficiency Award (p. 183)	Yes	Proficiency Award	Hands-on Technology
Engineering, Associate in Science (p. 287)	Yes	Associate in Science	STEM
English as a Second Language - Level 1, Certificate of Competency (p. 439)	Yes	Certificate of Competency	Languages and Literature
English as a Second Language - Level 1, Certificate of Competency Noncredit (p. 296)	Yes	Certificate of Competency	Languages and Literature
English as a Second Language - Level 2, Certificate of Competency Noncredit (p. 297)	Yes	Certificate of Competency	Languages and Literature
English as a Second Language - Level 2, Certificate of Competency Noncredit (p. 439)	Yes	Certificate of Competency	Languages and Literature
English as a Second Language - Level 3, Certificate of Competency Noncredit (p. 297)	Yes	Certificate of Competency	Languages and Literature



English as a Second Language - Level 3, Certificate of Competency Noncredit (p. 440)	Yes	Certificate of Competency	Languages and Literature
English, Associate in Arts for Transfer (p. 293)	Yes	Associate in Arts for Transfer	Languages and Literature
Environmental Science, Associate in Science for Transfer (p. 298)	Yes	Associate in Science for Transfer	STEM
Estimating Auto Body Damage Advanced Repair, Proficiency Award (p. 205)	Yes	Proficiency Award	Hands-on Technology
Filipino (p. 300)	Yes		
Film, Television, and Electronic Media Production, Associate in Science (p. 302)	Yes	Associate in Science	Visual and Performing Arts
Film, Television, and Electronic Media Production, Certificate of Achievement (p. 303)	Yes	Certificate of Achievement	Visual and Performing Arts
Film, Television, and Electronic Media, Associate in Science for Transfer (p. 303)	Yes	Associate in Science for Transfer	Visual and Performing Arts
Fire Company Officer, Associate in Science (p. 311)	Yes	Associate in Science	Public Safety, Health, and Wellness
Fire Company Officer, Certificate of Achievement (p. 312)	Yes	Certificate of Achievement	Public Safety, Health, and Wellness
Fire Fighter I/II Academy, Certificate of Achievement (p. 312)	Yes	Certificate of Achievement	Public Safety, Health, and Wellness
Fire Technology, Associate in Science (p. 313)	Yes	Associate in Science	Public Safety, Health, and Wellness
Fire Technology, Certificate of Achievement (p. 314)	Yes	Certificate of Achievement	Public Safety, Health, and Wellness
General Education Options (p. 315)	No		
General Studies (p. 335)	No		
General Studies: Arts and Humanities - Pattern I (p. 335)	No	Associate in Arts	
General Studies: Arts and Humanities - Pattern II (p. 337)	No	Associate in Arts	
General Studies: Arts and Humanities - Pattern III (p. 338)	No	Associate in Arts	
General Studies: Natural Sciences - Pattern I (p. 340)	No	Associate in Science	
General Studies: Natural Sciences or Mathematics - Pattern II (p. 341)	No	Associate in Science	
General Studies: Natural Sciences or Mathematics - Pattern III (p. 342)	No	Associate in Science	
General Studies: Social Behavioral Sciences - Pattern I (p. 343)	No	Associate in Arts	
General Studies: Social Behavioral Sciences - Pattern II (p. 345)	No	Associate in Arts	
General Studies: Social Behavioral Sciences - Pattern III (p. 347)	No	Associate in Arts	
Geography, Associate in Arts for Transfer (p. 350)	Yes	Associate in Arts for Transfer	STEM
Geology, Associate in Science for Transfer (p. 353)	Yes	Associate in Science for Transfer	STEM
Global Studies, Associate in Arts for Transfer (p. 354)	Yes	Associate in Arts for Transfer	Law, Culture, and Society

Heating and Hydronics, Proficiency Award (p. 183)	Yes	Proficiency Award	Hands-on Technology
History, Associate in Arts for Transfer (p. 361)	Yes	Associate in Arts for Transfer	Law, Culture, and Society
Hospitality Management, Associate in Science for Transfer (p. 362)	Yes	Associate in Science for Transfer	Business and Hospitality
Human Services, Associate in Science (p. 424)	Yes	Associate in Science	Public Safety, Health, and Wellness
Human Services, Certificate of Achievement (p. 424)	Yes	Certificate of Achievement	Public Safety, Health, and Wellness
Intersegmental General Education Transfer Curriculum (IGETC) for STEM (p. 321)	No	Associate in Science	
Intersegmental General Education Transfer Curriculum (IGETC), Certificate of Achievement (p. 325)	No	Certificate of Achievement	
Kinesiology, Associate in Arts for Transfer (p. 372)	Yes	Associate in Arts for Transfer	Public Safety, Health, and Wellness
Law, Public Policy, and Society, Associate in Arts for Transfer (p. 373)	Yes	Associate in Arts for Transfer	Law, Culture, and Society
Lead Cook, Proficiency Award (p. 255)	Yes	Proficiency Award	Business and Hospitality
Legal Secretary, Certificate of Achievement (p. 392)	No	Certificate of Achievement	Law, Culture, and Society
Marketing for Entrepreneurs, Proficiency Award (p. 225)	Yes	Proficiency Award	Business and Hospitality
Mathematics, Associate in Science for Transfer (p. 382)	Yes	Associate in Science for Transfer	STEM
Mechanical Systems for HVAC/R, Proficiency Award (p. 184)	Yes	Proficiency Award	Hands-on Technology
Noncredit Programs and Courses (p. 432)	No		
Nutrition and Dietetics, Associate in Science for Transfer (p. 387)	Yes	Associate in Science for Transfer	Public Safety, Health, and Wellness
Oxnard College General Education (OC GE) (p. 330)	No		
Paralegal Studies, Associate in Science (p. 392)	Yes	Associate in Science	Law, Culture, and Society
Paralegal Studies, Certificate of Achievement (p. 393)	Yes	Certificate of Achievement	Law, Culture, and Society
Philosophy, Associate in Arts (p. 399)	Yes	Associate in Arts	Law, Culture, and Society
Philosophy, Associate in Arts for Transfer (p. 399)	Yes	Associate in Arts for Transfer	Law, Culture, and Society
Physics, Associate in Science (p. 402)	Yes	Associate in Science	STEM
Physics, Associate in Science for Transfer (p. 403)	Yes	Associate in Science for Transfer	STEM
Physics, Associate in Science for UC Transfer (p. 404)	No	Associate in Science for UC Transfer	Science & Math
Political Science, Associate in Arts (p. 409)	Yes	Associate in Arts	Law, Culture, and Society
Political Science, Associate in Arts for Transfer (p. 410)	Yes	Associate in Arts for Transfer	Law, Culture, and Society
Pre-Health Profession, Associate in Science (p. 411)	No	Associate in Science	Public Safety, Health, and Wellness



Psychology, Associate in Arts for Transfer (p. 415)	Yes	Associate in Arts for Transfer	Law, Culture, and Society
Public Health Science, Associate in Science for Transfer (p. 416)	Yes	Associate in Science for Transfer	Public Safety, Health, and Wellness
QuickBooks, Certificate of Completion (p. 168)	No	Certificate of Completion	Business, Information, & Technology
Restaurant Management, Associate in Science (p. 255)	Yes	Associate in Science	Business and Hospitality
Restaurant Management, Certificate of Achievement (p. 255)	Yes	Certificate of Achievement	Business and Hospitality
Social Justice Studies - Chicano Studies, Associate in Arts for Transfer (p. 234)	Yes	Associate in Arts for Transfer	Law, Culture, and Society
Social Justice Studies - Chicano Studies, Associate in Arts for Transfer (p. 419)	Yes	Associate in Arts for Transfer	Law, Culture, and Society
Social Justice Studies, Associate in Arts for Transfer (p. 420)	Yes	Associate in Arts for Transfer	Law, Culture, and Society
Sociology, Associate in Arts (p. 425)	Yes	Associate in Arts	Law, Culture, and Society
Sociology, Associate in Arts for Transfer (p. 425)	Yes	Associate in Arts for Transfer	Law, Culture, and Society
Spanish, Associate in Arts for Transfer (p. 429)	Yes	Associate in Arts for Transfer	Languages and Literature
Studio Arts, Associate in Arts for Transfer (p. 200)	Yes	Associate in Arts for Transfer	Visual and Performing Arts
USLA Lifeguard Academy I, Proficiency Award (p. 376)	Yes	Proficiency Award	Public Safety, Health, and Wellness
Wildland Fire Academy, Proficiency Award (p. 314)	Yes	Proficiency Award	Public Safety, Health, and Wellness
Wireless Networking, Proficiency Award (p. 249)	Yes	Proficiency Award	Hands-on Technology

## Accounting

Students interested in majoring in Accounting after transfer to a four-year university should check [www.assist.org](http://www.assist.org) (<http://www.assist.org>) for premajor requirements that may be completed at Oxnard College to prepare them for transfer. In addition, many CSU campuses have deemed the AS-T in Business Administration as similar to their Accounting majors or emphasis in Accounting, making completion of that AS-T advantageous for students.

To determine if the AS-T in Business Administration is the best preparation for Accounting majors at a particular CSU, students should check the Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) website and seek guidance from a counselor.

## Program Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- Complete exercises involving reflection, critical review and analysis of accounting problems in Financial and Managerial accounting.
- Prepare, interpret and summarize Financial Reports for external users.

- Master an understanding of the Accounting Cycle and computerized accounting.

## Credit Courses

### ACCT R101 Financial Accounting 3 Units

*In-Class Hours:* 52.5 lecture

*Advisories/Rec Prep:* BUS R001

*C-ID:* ACCT 110

This is the study of accounting as an information system, examining why it is important and how it is used by business owners, managers, investors, creditors, and others to make decisions. The course covers the accounting information system, including recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles, the financial statements, and statement analysis. Includes issues relating to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls, and ethics. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of C or better or "P".

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### ACCT R101H Honors: Financial Accounting 3 Units

*In-Class Hours:* 52.5 lecture

*Advisories/Rec Prep:* BUS R001

*C-ID:* ACCT 110

This is the study of accounting as an information system, examining why it is important and how it is used by business owners, managers, investors, creditors, and others to make decisions. The course covers the accounting information system, including recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles, the financial statements, and statement analysis. Includes issues relating to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls, and ethics. Honors work will require a deeper understanding of the material and completion of honors assignment. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of C or better or "P".

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### ACCT R102 Managerial Accounting 3 Units

*In-Class Hours:* 52.5 lecture

*Prerequisites:* ACCT R101 or ACCT R101H

*C-ID:* ACCT 120

This is the study of how managers use accounting information in decision-making, planning, directing operations and controlling. The course focuses on cost terms and concepts, cost behavior, cost structure and cost-volume-profit analysis. Issues relating to cost systems, cost control, profit planning, and performance analysis in manufacturing and service environments are included.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

## Noncredit Courses

Oxnard College offers noncredit courses in Accounting. These courses grant no college credit, no units, and no student grades. There is limited to no costs associated with noncredit courses.

### ACCT R810 QuickBooks 1 0 Units

*In-Class Hours:* 24-27 noncredit

QuickBooks is a complete computerized accounting system for small businesses. Topics include a review of basic accounting concepts, preparation of business reports and graphs, and the creation of a company using QuickBooks accounting. This course also covers creation and operation of a detailed accounting system for new and existing businesses.

**Grade Modes:** Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### ACCT R811 QuickBooks 2 0 Units

*In-Class Hours:* 24-27 noncredit

*Advisories/Rec Prep:* ACCT R810

QuickBooks is a complete computerized accounting system for small businesses. This advanced course covers planning and budgeting, progress billing, file importing and exporting, and creating reports and graphs.

**Grade Modes:** Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

- QuickBooks, Certificate of Completion (p. 168)

For more information contact:

**Tim Fontenette** (805) 678-5266 tfontenette@vcccd.edu

## QuickBooks, Certificate of Completion

The QuickBooks Certificate of Completion program is designed to train students in the use of the QuickBooks computerized accounting system.

Students completing this program will be prepared as entry-level bookkeepers and office workers for small businesses and a variety of industries.

The program is offered in the noncredit format. Noncredit instruction provides access to a variety of courses tuition free to assist students in reaching their personal, academic and professional goals.

Course ID	Title	Units/Hours
<b>Required Courses</b>		
ACCT R810	QuickBooks 1	27
ACCT R811	QuickBooks 2	27
<b>Total Hours</b>		<b>54</b>

Year 1		
Spring Semester		Units/Hours
ACCT R810	QuickBooks 1	27
ACCT R811	QuickBooks 2	27
	<b>Units/Hours</b>	<b>54</b>
	<b>Total Units/Hours</b>	<b>54</b>

Upon successful completion of this program, students will be able to:

- Apply advanced business features using QuickBooks software.
- Prepare various reports for businesses using QuickBooks software.
- Perform steps to set up a company using QuickBooks.
- Discuss the importance of ethics in the accounting process.
- Create a project proposal using QuickBooks accounting software.
- Prepare customized reports and graphs for a merchandising or service business using QuickBooks accounting software.
- Perform analysis and comparisons after budget and other financial reports are created using QuickBooks accounting software.

## Addictive Disorders Studies

The Addictive Disorders Studies program at Oxnard College prepares students for careers in addiction counseling in various substance abuse treatment and prevention settings by providing both academic training and clinical experience in the field. The curriculum provides a broad base of knowledge regarding approaches to drug education and prevention, treatment issues, counseling skills, ethical issues, and practical knowledge about drugs and their effects as well as co-occurring mental illness. Programs within this major include entry-level certificates of achievement, Associate in Science degrees, and also advanced certificates, designed for counselors already practicing in the field.

Oxnard College's Addictive Disorders Studies program is accredited by CAADE (California Association of Alcohol/Drug Educators). Students who complete CAADE accredited college programs may apply for certification through qualified certifying bodies such as:

- ACCBC (Addiction Counselor Certification Board of California) which offers the Certified Addictions Treatment Counselor (C.A.T.C.) credential,
- CADTP (California Association of DUI Treatment Programs) which offers the Certified Alcohol and Other Drug Counselor (CAODC) and
- CCAPP (California Consortium of Addiction Program and Professionals) which offers:
  - the Registered Alcohol and Drug Technician (RADT),
  - the RADT II,

- the Certified Alcohol Drug Counselor – Certified Addiction Specialist (CADC-CAS),
- the CADC-I, CADC-II, CADC-III, and
- Licensed Advanced Alcohol and Drug Counselor (LAADC) and LAADC - Supervisor.

### ADS R101 Overview of Addiction 3 Units

*In-Class Hours:* 52.5 lecture

*C-ID:* ADS 110 X

This introductory course studies use, abuse and social control of drugs associated with substance use disorder. Included are overviews of the biopsychosocial factors in addictions; how drugs work in the brain and body; how addiction impacts children, families and society; as well as prevention and harm reduction. Fulfills one 3-unit core requirement for the California Association for Alcohol/Drug Educators (CAADE).

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### ADS R102 Case Management for Treatment 3 Units

*In-Class Hours:* 52.5 lecture

*C-ID:* ADS 170 X

This course will provide students with a comprehensive foundation of tools and techniques for Screening, Assessment, Treatment Planning, Relapse Prevention, and Aftercare Planning. Professional Ethics and laws concerning Clients' Rights and Confidentiality will be covered as they apply to the Addiction Disorders Studies paraprofessional. Students will also learn crisis intervention techniques.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### ADS R103 Pharmacology of Drugs of Abuse 3 Units

*In-Class Hours:* 52.5 lecture

*C-ID:* ADS 140 X

This course will give an overview of the physical and psychological effects of commonly used substances of abuse. It will describe the brain neurochemistry, especially as it is affected and changed by drug use. It will describe in detail the effects of all the major drugs of abuse on the body. Other addictions like compulsive gambling, eating disorders, sexual addictions will also be covered. The course will conclude with an overview of the therapeutic approaches for managing withdrawal, overdose, and substance use disorders. This course fulfills one 3-unit core requirement for the California Association for Alcohol/Drug Educators (CAADE).

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**ADS R104 Addiction Counseling Theories and Techniques 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* ADS 120 X

This course is designed to teach students basic interviewing and counseling techniques appropriate for paraprofessionals. Emphasizing motivational counseling and client-empowering approaches, students will develop basic competency in the one-on-one counseling skills most relevant to addiction treatment. Students will also learn about the importance of ethics and establishing professional boundaries with clients as well as the clear distinction between professional counseling and self-help group sponsorship. This course fulfills one 3-unit skills requirement for the California Association for Alcohol/Drug Educators (CAADE).

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ADS R105A Group Leadership I 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* ADS R101*Advisories/Rec Prep:* ADS R104*C-ID:* ADS 130 X

This course is designed to familiarize students with group dynamics and group leadership, especially groups involving treating substance use disorders. The focus is on group development, interpersonal and intrapersonal processes, and group facilitation skills. This course offers practicums in group leadership skills, examines various types of groups and teaches specific skills for facilitating behavior change. Fulfills one 3-unit skills requirements for the California Association for Alcohol/Drug Educators (CAADE).

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ADS R105B Group Leadership II 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* ADS R105A

This course in group counseling is designed to provide students with knowledge and skills training in advanced group leadership and advanced counseling skills and techniques. Students will learn to: broaden their effective questioning skills in order to identify client defense mechanisms, symptoms of psychopathology, improve awareness in addressing co-occurring disorders and other considerations when working with resistant clients and other barriers effecting treatment outcome. They will learn how to use and integrate counseling theories, engage in depth work with clients, and how to develop a group session format. Advanced skill delivery methods will be demonstrated and integrated in the course simulation exercises. Special attention will also be given to addressing and managing difficult clients, court-mandated and probation-mandated treatment program requirements; and interacting with probationers/parolees. Other counseling issues will be addressed as they relate to working within the scope of practice and competence for addiction professionals which support evidence-based treatment practices.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ADS R106 Adult Children of Alcoholics 3 Units***In-Class Hours:* 52.5 lecture

This course is designed to teach potential counselors how to recognize the characteristics of adult children of alcoholics. Students will examine their own upbringing and study the traits of healthy and unhealthy families and how those parenting styles lead to co-dependency and issues with maintaining boundaries in adult relationships. Effective methods for changing behavior through the reprogramming of family roles and setting healthy boundaries will be taught. Students will also be taught healthy parenting approaches. This course fulfills one 3-unit skills requirement for the California Association for Alcohol/Drug Educators (CAADE).

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

**ADS R107 Alcohol/Drug Treatment of Adolescents 3 Units***Formerly:* ADS R107B*In-Class Hours:* 52.5 lecture

This course integrates the biological, psychological and social factors of teen development into a comprehensive model for treating adolescents with substance use disorders. The differences between adolescent and adult treatment engagement, assessment, counseling skills and readiness to change will be explored. The unique set of ethical, legal, fiscal and social implications regarding teens in treatment and their effected family members will be discussed. Students will learn about the cross-cultural differences existing within the adolescent population.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ADS R108 Alcohol/Drugs and Human Development 3 Units***In-Class Hours:* 52.5 lecture

This course is an analysis of developmental behaviors associated with each stage in human development and the way the social environment impedes or helps this development. Special emphasis is given to address physical and emotional effects of substance use disorders throughout the life-cycle and during pregnancy. Many examples of the disruptive influences of alcohol and drugs on human development will be given along with the ways human service occupations develop systems and services to minimize these influences. This course fulfills one 3-unit behavioral requirement for the California Association for Alcohol/Drug Educators (CAADE) and Domain VI of TAP 21 (Technical Assistance Publication Series: Addiction Counseling Competencies).

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ADS R109 Counseling Addicted Families 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* ADS 180 X

This course provides an overview of the family systems approach to addiction counseling including analysis and examination of the relationship patterns that develop in families including multicultural families. The student will develop treatment strategies for assisting families and significant others during the stages of active addiction, addiction treatment, long-term recovery and relapse prevention using family-involved approaches. The student will learn techniques and strategies tailored to meet the various cultural challenges. This course fulfills one 3-unit skills course for the California Association for Alcohol/Drug Educators (CAADE) and Domain VC and VI of TAP 21 (Technical Assistance Publication Series: Addiction Counseling Competencies).

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ADS R110A Alcohol and Drug Studies Field Experience I 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* ADS R101 and ADS R102 and ADS R104 and ADS R105A and ADS R124

This course offers the student a supervised field experience in a community organization, agency, or institution, allowing the student to apply knowledge and learn new skills outside of the classroom environment. This course is designed to provide the student with an opportunity to develop skills that would facilitate gaining employment in the addiction or human services field. This course fulfills one 3 unit field studies requirement of CAADE.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ADS R110B Alcohol and Drug Studies Field Experience II 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* ADS R110A

This course guides students through the second set of work experience hours required for students to gain experience in applied alcohol studies. Students are placed in various agencies and organizations in the alcohol education and treatment field. During this course, emphasis will be placed on student growth in self-awareness and self-esteem, interviewing skills, connections and interrelationships with other core courses, introduction to systems, and the agency and other client systems. This course fulfills one 3 unit field studies requirement of CAADE.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None



**ADS R111 Management and Supervision in Alcohol Programs 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* ADS R101

This course focuses on five levels of alcohol program management; federal, state, and local governments, and private and voluntary agencies. The following organizational components will be emphasized: supervision at all levels of treatment and management; inter and intra organizational relationships, communication, employee assistance programs; and management styles and their influence on services.

Students will also study the current and anticipated impact of alcohol and drug abuse on individual and community health problems and societal institutions and resources integrated into analysis of program management. This course fulfills one 3-unit skills requirement for the California Association of Alcohol/Drug Educators (CAADE) and Domain VIII of TAP 21 (Technical Assistance Publication Series: Addiction Counseling Competencies).

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ADS R112 Prevention, Intervention and Recovery 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* ADS 150X

This course provides a comprehensive overview of theories and strategies for the prevention of substance use disorders. Primary, secondary, tertiary and evidence-based prevention models will be introduced and assessed. Prevention programs and activities appropriate for the community, school, parents and family, and work-sites will be covered. Strategies such as education, public policies, media/information dissemination, ethnic, cultural, and gender-specific approaches, environmental risk reduction, and alternatives will be presented and assessed for their application to different target populations. This course fulfills one 3-unit skills requirement of the California Association for Alcohol/Drug Educators (CAADE) and Domain VI of TAP 21 (Technical Assistance Publication Series: Addiction Counseling Competencies).

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ADS R113A Co-Occurring Disorders I 3 Units***Formerly:* ADS R113*In-Class Hours:* 52.5 lecture*C-ID:* ADS 190 X

This course addresses the coexistence of substance use disorders and other mental health disorders. It will focus on identification and assessment of common co-occurring disorders such as mood, anxiety, adjustment disorders, and post-traumatic stress disorder. It will also explore appropriate treatment and management approaches as well as making appropriate referrals. This course fulfills one 3-unit skills requirement for the California Association for Alcohol/Drug Educators (CAADE).

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ADS R113B Co-Occurring Disorders II 3 Units***Formerly:* R198A*In-Class Hours:* 52.5 lecture*Prerequisites:* ADS R113A

This course in co-occurring disorders is designed to give students advanced knowledge and skills in managing and treating clients with both substance use disorders and mental illness. It focuses on current treatment approaches, understanding medications, and how addiction counselors may interface with the professional mental health community to manage cases. This course fulfills one 3-unit skills elective of the California Association for Alcohol/Drug Educators (CAADE) and is required for the CAADE Co-Occurring Disorders Certificate.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ADS R115 Alcohol, Drugs, Eating Disorders and Nutrition 3 Units***In-Class Hours:* 52.5 lecture

In this course, students will learn the principles of sound nutrition and how to apply them to the nutritional needs of recovering individuals. The prevalence of eating disorders such as bulimia, anorexia, and compulsive overeating in recovering individuals will be emphasized. The similarities between drug addiction and eating disorders will also be discussed. Students will learn about the special nutritional needs of pregnant women and about the effects of drugs/alcohol on fetal development, including fetal alcohol syndrome.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None



**ADS R116 Alcohol, Drugs, and Driving Laws 3 Units***In-Class Hours:* 52.5 lecture

This is a course designed for students currently working in, or interested in working in, a Driving Under the Influence (DUI) program, a Probation program, police work, and for people who supervise others, some of whom have DUI problems. The student will be introduced to the effects of alcohol and other drugs on the driver, as well as the laws and penalties regarding driving under the influence incidents. This course is designed to demonstrate the need for DUI programs as intervention strategies.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ADS R117 Treatment Modalities in the Criminal Justice System 3 Units***In-Class Hours:* 52.5 lecture

This course examines treatment and intervention models utilized in the Criminal Justice System (CJS) to bring about desirable and positive changes in the substance abusing offender. The focus is on various approaches utilized at each phase of the CJS (pretrial, custodial, pre-release, and probation/parole supervision). Graduated sanctions for drug use violations by offenders under CJS jurisdiction are examined. Similarities and differences within the CJS and the effects on recovery for offenders and treatment providers are also explored.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ADS R118 Culture, Race and Gender Diversity in Treatment 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* ADS 195 X

This course will introduce students to the unique problems, issues, and concerns of diverse populations. The characteristics of these populations with respect to the incidence of substance use disorders, intervention needs, and responses to treatment will be explored. Research on historical, cultural, social, health and environmental factors impacting special populations will be discussed, as well as the role of ethnic and cultural differences. Particular attention will be given to population characteristics such as ethnicity/race, gender, age, economic, sexual orientation, and disability status. Ethnic and cultural differences will be emphasized to provide students with the skills needed to communicate effectively with diverse populations.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ADS R119 Community as Treatment in the Criminal Justice System 3 Units***In-Class Hours:* 52.5 lecture

This course is designed to familiarize students with the various theories of rehabilitation for substance use disorders in the Criminal Justice System, from initial incarceration to reinstatement in the community. Students will be introduced to various therapeutic community models, the methodology involved in such models, and step-by-step explanations and illustrations of the entire process.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ADS R120 Introduction to Alcohol and Drugs in the Criminal Justice System 3 Units***In-Class Hours:* 52.5 lecture

This course is an introduction to the treatment of alcohol and drug addicts living in the Criminal Justice System. It will include the history and evolution of the Justice System as well as sentencing practices, people of color and criminal justice reform in the United States. Crime, criminal behavior, the police, courts and corrections are also covered.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ADS R121 Alcohol/Drugs and Domestic Violence 3 Units***In-Class Hours:* 52.5 lecture

This course will explain the dynamics of domestic violence and the related power and control effects it has on all aspects of relationships and intimacy. It will also examine its interconnectedness with substance abuse, cultural diversity, and family dynamics. The course will teach the tools and techniques for developing anger management skills and other alternatives to violence. In order to meet the counselor "core" training requirements for working within batterers' intervention and counseling programs in California, students will learn the theories and practice the skills necessary for working with abusive offenders, and extremely difficult and resistant clients.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

**ADS R122 Reducing Binge and Underage Drinking: A Collective Responsibility 3 Units***In-Class Hours:* 52.5 lecture

This course is designed for those students who are interested in starting or working in primary prevention programs including those already employed in alcohol programs or in enforcement fields. It will cover the scope and nature of binge and underage drinking, associated problems, national, state and local research and data on binge and underage drinking, effective municipal, college, and university law enforcement and community prevention strategies.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ADS R123 Alcohol, Drug Addiction and Trauma 3 Units***In-Class Hours:* 52.5 lecture

This course will identify the symptoms, stages and cycles of substance use and relational addictions manifesting from trauma and the correlated treatment strategies of delivering trauma informed care (evidence-based treatment practices). Students will learn to recognize the triggers and symptoms of post traumatic stress and destructive high-risk relational bonds noted in victims, offenders and others suffering from addictive, obsessive and compulsive behaviors. Effective treatment methods and modalities supporting trauma informed care for addicted trauma survivors will also be covered.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ADS R124 Ethics and Confidentiality for Alcohol/Drug Studies 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* ADS 160 X

This course will introduce potential alcohol/drug counselors to the principles in the Code of Ethical Standards for Alcohol/Drug Educators and the steps involved in making ethical decisions. The course will also cover client rights, counselor responsibilities, confidentiality, managing boundaries, conflicting values and other ethical issues. The importance of cultural competence in counseling diverse populations will be a key component of this course.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ADS R125 Treatment of Eating Disorders 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* ADS R115

This course introduces students to the assessment and treatment of eating disorders as co-occurring with alcohol/drug addiction and abuse. Students will develop an understanding of the variety of eating disorders and the complexity of treating clients who have them. Treatment settings, including inpatient, day treatment, and outpatient options and the roles of eating disorder treatment personnel within those settings will be discussed. Various philosophies regarding etiology and treatment for clients with eating disorders will be explored and students will be taught to evaluate the efficacy of treatment.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ADS R131 Abnormal Psychology 3 Units***Same-As:* PSY R131*In-Class Hours:* 52.5 lecture*C-ID:* PSY 120

This course surveys various definitions, causes, and treatment methods relative to abnormal behavior. This course also covers psychological, biological and sociocultural theories of abnormal behavior. Topics include: diagnosis of abnormal behavior, clinical syndromes, various forms of intervention and preventive strategies.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

- Addictive Disorders Studies in the Criminal Justice System, Associate in Science (p. 174)
- Addictive Disorders Studies, Associate in Science (p. 176)
- Addictive Disorders Studies in the Criminal Justice System, Certificate of Achievement (p. 175)
- Addictive Disorders Studies, Certificate of Achievement (p. 177)
- Advanced Skills for Addiction Treatment Counselors, Certificate of Achievement (p. 178)
- Community Behavioral Health Worker, Certificate of Achievement (p. 179)

For more information contact:

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## Addictive Disorders Studies in the Criminal Justice System, Associate in Science

The Addictive Disorders Studies in the Criminal Justice System Associate in Science degree prepares students to enter the field of treatment

providers to incarcerated clients in county, state, and federal correctional programs and those recently released from such institutions. Emphasis will be given to the special knowledge, skills, and attitudes required for those who work in the criminal justice system or other related human services. Students with this degree will also be trained to work in the adolescent and adult drug court systems, pre-release and after-care programs, and intensive probation models.

Students who complete both the Addictive Disorders Studies Certificate of Achievement and this Associate degree will be qualified to apply for a number of certifications such as: ACCBC (Addiction Counselor Certification Board of California) which offers the Certified Addictions Treatment Counselor (C.A.T.C.) credential; CADTP (California Association of DUI Treatment Programs), which offers the Certified Alcohol and Other Drug Counselor (CAODC); and CCAPP (California Consortium of Addiction Program and Professionals), which offers the Registered Alcohol and Drug Technician (RADT), the RADT II, the Certified Alcohol Drug Counselor – Certified Addiction Specialist (CADC-CAS), the CADC-I, CADC-II, CADC-III, and Licensed Advanced Alcohol and Drug Counselor (LAADC), and LAADC - Supervisor.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
ADS R106	Adult Children of Alcoholics	3
ADS R107	Alcohol/Drug Treatment of Adolescents	3
ADS R116	Alcohol, Drugs, and Driving Laws	3
ADS R117	Treatment Modalities in the Criminal Justice System	3
ADS R119	Community as Treatment in the Criminal Justice System	3
ADS R120	Introduction to Alcohol and Drugs in the Criminal Justice System	3
<b>Total Required Major Units</b>		<b>18</b>
Oxnard College General Education Pattern		29
Double-Counted Units		0
Free Electives Required		13
<b>Total Units Required for A.S. Degree</b>		<b>60</b>

General Education: This A.S. degree requires completion of the Oxnard College General Education Pattern.

To complete the Associate in Science degree, students must meet requirements in the major, general education, competency, units, scholarship, and residency.

Year 1		
Fall Semester		Units/Hours
ADS R106	Adult Children of Alcoholics	3
<b>Units/Hours</b>		<b>3</b>
Spring Semester		
ADS R107	Alcohol/Drug Treatment of Adolescents	3
<b>Units/Hours</b>		<b>3</b>
Year 2		
Fall Semester		
ADS R116	Alcohol, Drugs, and Driving Laws	3
ADS R119	Community as Treatment in the Criminal Justice System	3
<b>Units/Hours</b>		<b>6</b>
Spring Semester		
ADS R117	Treatment Modalities in the Criminal Justice System	3

ADS R120	Introduction to Alcohol and Drugs in the Criminal Justice System	3
<b>Units/Hours</b>		<b>6</b>
<b>Total Units/Hours</b>		<b>18</b>

Upon successful completion of this program, students will be able to:

- Identify concepts central to the relationship of addiction that lead to significant involvement in the criminal justice system.
- Apply critical thinking to addiction data and become acquainted with the relationship to drugs and alcohol usage and crime
- Identify differences between incarcerated substance abusers and other substance abusers.
- Define all the components of a DUI (Driving under the influence) treatment program.
- Learn how to deliver articulate presentations both written and oral.
- Improve information retrieval and organizational skills including the use of online resources, resulting in the ability to refer clients to the appropriate clinical resources.

## Addictive Disorders Studies in the Criminal Justice System, Certificate of Achievement

The Addictive Disorders Studies in the Criminal Justice System Certificate of Achievement prepares students to enter the field of treatment providers to incarcerated clients in county, state, and federal correctional programs and those recently released from such institutions. Emphasis will be given to the special knowledge, skills, and attitudes required for those who work in the criminal justice system or other related human services. Students with this certificate will also be trained to work in the adolescent and adult drug court systems, pre-release and after-care programs, and intensive probation models.

Students who complete both the Addictive Disorders Studies Certificate of Achievement and this Certificate will be qualified to apply for a number of certifications such as: ACCBC (Addiction Counselor Certification Board of California) which offers the Certified Addictions Treatment Counselor (C.A.T.C.) credential; CADTP (California Association of DUI Treatment Programs), which offers the Certified Alcohol and Other Drug Counselor (CAODC); and CCAPP (California Consortium of Addiction Program and Professionals), which offers the Registered Alcohol and Drug Technician (RADT). Additional certifications through ACCBC and CCAPP require the completion of an Associate Degree.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
ADS R106	Adult Children of Alcoholics	3
ADS R107	Alcohol/Drug Treatment of Adolescents	3
ADS R116	Alcohol, Drugs, and Driving Laws	3
ADS R117	Treatment Modalities in the Criminal Justice System	3
ADS R119	Community as Treatment in the Criminal Justice System	3
ADS R120	Introduction to Alcohol and Drugs in the Criminal Justice System	3
<b>Total Required Units for Certificate</b>		<b>18</b>

To complete the Certificate of Achievement, students must also meet requirements in scholarship and residency. Refer to Earn a Certificate of Achievement (p. 57) section in this catalog for specific information.

Year 1		
Fall Semester		Units/Hours
ADS R106	Adult Children of Alcoholics	3
<b>Units/Hours</b>		<b>3</b>
Spring Semester		Units/Hours
ADS R107	Alcohol/Drug Treatment of Adolescents	3
<b>Units/Hours</b>		<b>3</b>
Year 2		
Fall Semester		Units/Hours
ADS R116	Alcohol, Drugs, and Driving Laws	3
ADS R119	Community as Treatment in the Criminal Justice System	3
<b>Units/Hours</b>		<b>6</b>
Spring Semester		Units/Hours
ADS R117	Treatment Modalities in the Criminal Justice System	3
ADS R120	Introduction to Alcohol and Drugs in the Criminal Justice System	3
<b>Units/Hours</b>		<b>6</b>
<b>Total Units/Hours</b>		<b>18</b>

Upon successful completion of this program, students will be able to:

- Identify concepts central to the relationship of addiction that lead to significant involvement in the criminal justice system.
- Apply critical thinking to addiction data and become acquainted with the relationship to drugs and alcohol usage and crime
- Identify differences between incarcerated substance abusers and other substance abusers.
- Define all the components of a DUI (Driving under the influence) treatment program.
- Learn how to deliver articulate presentations both written and oral.
- Improve information retrieval and organizational skills including the use of online resources, resulting in the ability to refer clients to the appropriate clinical resources.

## Addictive Disorders Studies, Associate in Science

This Addictive Disorders Studies Associate in Science degree is a CAADE (California Association of Alcohol/Drug Educators) approved program that prepares students for several different careers in the Addiction Counseling field. Students in this program will develop necessary knowledge, skills and attitudes required to be effective in the treatment of alcohol and drug abuse. Students will learn the responsibilities of a Certified Addictions Treatment Counselor (CATC) by doing intakes, screening and assessments, motivational interviewing, supportive and group counseling, crisis intervention, information and referral, and case write-ups and treatment planning.

Students completing this program will have the necessary education and skills to apply to for Certified Addictions Treatment Counselor (CATC) certification through the Addiction Counselor Certification Board of California (ACCBC). The ACCBC for CAADE is an autonomous authority that confers credentials, standards, and requirements for CAADE.

CAADE application forms and information can be found on their website at [www.accbc.org/catc/](http://www.accbc.org/catc/) (<http://catalog.vcccd.edu/oxnard/programs->

[www.accbc.org/catc/](http://www.accbc.org/catc/)).

In addition, students who complete CAADE accredited programs may apply for certification through the California Association of DUI Treatment Programs (CADTP) at [www.cadtp.org](http://www.cadtp.org) (<https://www.cadtp.org>) and the California Consortium of Addiction Programs and Professionals (CCAPP) at [www.ccapp.us](http://www.ccapp.us) (<http://catalog.vcccd.edu/oxnard/programs-courses/addictive-disorders-studies/addictive-disorders-studies-as/> [www.ccapp.us](http://www.ccapp.us)). These additional certifications will assist students in building their careers in the Addiction Counseling field.

Course ID	Title	Units/Hours
<b>Required Core Course</b>		
ADS R101	Overview of Addiction	3
ADS R102	Case Management for Treatment	3
ADS R103	Pharmacology of Drugs of Abuse	3
ADS R104	Addiction Counseling Theories and Techniques	3
ADS R105A	Group Leadership I	3
ADS R108	Alcohol/Drugs and Human Development	3
ADS R109	Counseling Addicted Families	3
ADS R110A	Alcohol and Drug Studies Field Experience I	3
ADS R110B	Alcohol and Drug Studies Field Experience II	3
ADS R112	Prevention, Intervention and Recovery	3
ADS R113A	Co-Occurring Disorders I	3
ADS R118	Culture, Race and Gender Diversity in Treatment	3
ADS R124	Ethics and Confidentiality for Alcohol/Drug Studies	3
<b>Total Required Major Units</b>		<b>39</b>
Oxnard College General Education Pattern		29
Double-Counted Units		0
Free Electives Required		0
<b>Total Units Required for A.S. Degree</b>		<b>60</b>

General Education: This A.S. degree requires completion of the Oxnard College General Education Pattern.

To complete the Associate in Science degree, students must meet requirements in the major, general education, competency, units, scholarship, and residency.

Year 1		
Fall Semester		Units/Hours
ADS R101	Overview of Addiction	3
ADS R103	Pharmacology of Drugs of Abuse	3
ADS R104	Addiction Counseling Theories and Techniques	3
ADS R118	Culture, Race and Gender Diversity in Treatment	3
GE Area D1 English Composition (choose ENGL R101 or ENGL R101H)		4
<b>Units/Hours</b>		<b>16</b>
Spring Semester		Units/Hours
ADS R102	Case Management for Treatment	3
ADS R105A	Group Leadership I	3
ADS R113A	Co-Occurring Disorders I	3
ADS R124	Ethics and Confidentiality for Alcohol/Drug Studies	3
GE Area D2/Math Competency (choose one math course)		3-6
<b>Units/Hours</b>		<b>15-18</b>

**Summer Semester**

ADS R108	Alcohol/Drugs and Human Development	3
ADS R109	Counseling Addicted Families	3
ADS R112	Prevention, Intervention and Recovery	3
<b>Units/Hours</b>		<b>9</b>

**Year 2**

**Fall Semester**

ADS R110A	Alcohol and Drug Studies Field Experience I	3
COT R190V or COT R191V	Occupational Cooperative Unpaid Work Experience or Occupational Cooperative Paid Work Experience	2
GE Area B1 American History/Institutions (choose one course)		3
GE Area B2 Social and Behavioral Sciences (choose one course)		3
GE Area A1 Biological Science (choose one course)		3-5
GE Area E1 Health Education (choose one course)		3
<b>Units/Hours</b>		<b>17-19</b>

**Spring Semester**

ADS R110B	Alcohol and Drug Studies Field Experience II	3
COT R190V or COT R191V	Occupational Cooperative Unpaid Work Experience or Occupational Cooperative Paid Work Experience	2
GE Area A2 Physical Science (choose one course)		3-5
GE Area C1 Fine/Performing Arts (choose one course)		3
GE Area C2 Humanities (choose one course)		3
GE Area E2 Physical Education/Kinesiology (choose one activity course)		1
<b>Units/Hours</b>		<b>15-17</b>
<b>Total Units/Hours</b>		<b>72-79</b>

Upon successful completion of this program, students will be able to:

- Master concepts central to alcohol and drug addiction, i.e., brain, heredity, gender.
- Apply critical thinking to addiction data and become acquainted with the relationship to drugs and alcohol usage and crime.
- Identify major factors that contribute to addiction.
- Learn how to deliver articulate presentations both written and oral.
- Demonstrate familiarity with the standards of professional ethics in the field of substance abuse prevention.
- Apply their knowledge of addiction prevention in both theoretical and practical settings, including in the workplace and in society in general.
- Improve information retrieval and organizational skills including the use of online resources, resulting in the ability to refer clients to the appropriate clinical resources.

## Addictive Disorders Studies, Certificate of Achievement

This Addictive Disorders Studies Certificate of Achievement is a CAADE (California Association of Alcohol/Drug Educators) approved program that prepares students for several different careers in the Addiction Counseling field. Students in this program will develop the necessary knowledge, skills and attitudes required to be effective in the treatment of alcohol and drug abuse. Students will learn the responsibilities of a Certified Addictions Treatment Counselor (CATC) by doing intakes, screening and assessments, motivational interviewing, supportive and group counseling, crisis intervention, information and referral, and case write-ups and treatment planning.

Students completing this program will have the necessary education and skills to apply to for Certified Addictions Treatment Counselor (CATC) certification through the Addiction Counselor Certification Board of

California (ACCBC). The ACCBC for CAADE is an autonomous authority that confers credentials, standards, and requirements for CAADE.

CAADE application forms and information can be found on their website at [www.accbc.org/catc/](http://www.accbc.org/catc/) (<http://www.accbc.org/catc/>).

In addition, students who complete CAADE accredited programs may apply for certification through the California Association of DUI Treatment Programs (CADTP) at [www.cadtp.org](http://www.cadtp.org) (<https://www.cadtp.org>) and the California Consortium of Addiction Programs and Professionals (CCAPP) at [www.ccapp.us](http://www.ccapp.us) (<http://www.ccapp.us/>). These additional certifications will assist students in building their careers in the Addiction Counseling field.

Course ID	Title	Units/Hours
<b>Required Core Course</b>		
ADS R101	Overview of Addiction	3
ADS R102	Case Management for Treatment	3
ADS R103	Pharmacology of Drugs of Abuse	3
ADS R104	Addiction Counseling Theories and Techniques	3
ADS R105A	Group Leadership I	3
ADS R108	Alcohol/Drugs and Human Development	3
ADS R109	Counseling Addicted Families	3
ADS R110A	Alcohol and Drug Studies Field Experience I	3
ADS R110B	Alcohol and Drug Studies Field Experience II	3
ADS R112	Prevention, Intervention and Recovery	3
ADS R113A	Co-Occurring Disorders I	3
ADS R118	Culture, Race and Gender Diversity in Treatment	3
ADS R124	Ethics and Confidentiality for Alcohol/Drug Studies	3
<b>Total Required Units for Certificate</b>		<b>39</b>

To complete a Certificate of Achievement, students must also meet requirements in scholarship and residency. Refer to Earn a Certificate of Achievement (p. 57) in this catalog.

**Year 1**

<b>Fall Semester</b>		<b>Units/Hours</b>
ADS R101	Overview of Addiction	3
ADS R102	Case Management for Treatment	3
ADS R104	Addiction Counseling Theories and Techniques	3
ADS R118	Culture, Race and Gender Diversity in Treatment	3
<b>Units/Hours</b>		<b>12</b>

<b>Spring Semester</b>		<b>Units/Hours</b>
ADS R103	Pharmacology of Drugs of Abuse	3
ADS R105A	Group Leadership I	3
ADS R113A	Co-Occurring Disorders I	3
ADS R124	Ethics and Confidentiality for Alcohol/Drug Studies	3
<b>Units/Hours</b>		<b>12</b>

<b>Summer Semester</b>		<b>Units/Hours</b>
ADS R108	Alcohol/Drugs and Human Development	3
ADS R109	Counseling Addicted Families	3
ADS R112	Prevention, Intervention and Recovery	3
<b>Units/Hours</b>		<b>9</b>



Year 2		
Fall Semester		
ADS R110A	Alcohol and Drug Studies Field Experience I	3
<b>Units/Hours</b>		<b>3</b>
Spring Semester		
ADS R110B	Alcohol and Drug Studies Field Experience II	3
<b>Units/Hours</b>		<b>3</b>
<b>Total Units/Hours</b>		<b>39</b>

Upon successful completion of this program, students will be able to:

- Master concepts central to alcohol and drug addiction, i.e., brain, heredity, gender.
- Apply critical thinking to addiction data and become acquainted with the relationship to drugs and alcohol usage and crime.
- Identify major factors that contribute to addiction.
- Learn how to deliver articulate presentations both written and oral.
- Demonstrate familiarity with the standards of professional ethics in the field of substance abuse prevention.
- Apply their knowledge of addiction prevention in both theoretical and practical settings, including in the workplace and in society in general.
- Improve information retrieval and organizational skills including the use of online resources, resulting in the ability to refer clients to the appropriate clinical resources.

## Advanced Skills for Addiction Treatment Counselors, Certificate of Achievement

The Advanced Skills for Addiction Treatment Counselors Certificate of Achievement is intended for students who have completed the foundational courses of a CAADE (California Association of Alcohol/Drug Educators) approved program of at least 39 units and are either certified as a CATC-I or preparing to be. At Oxnard College, these foundational courses include: ADS R101, ADS R102, ADS R103, ADS R104, ADS R105A, ADS R113A, ADS R118, and ADS R124. This program will further develop group counseling skills and teach counselors to recognize and treat clients who have both substance abuse and mental illness or eating disorders, as well as victims of domestic violence or batterers. Students will be taught to recognize post-traumatic stress and will learn effective treatment methods and modalities supporting trauma informed care for trauma survivors. Students will also learn skills required for creating and/or administering alcohol prevention programs, and supervisory skills for management of alcohol and drug treatment programs.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
ADS R105B	Group Leadership II	3
ADS R106	Adult Children of Alcoholics	3
ADS R111	Management and Supervision in Alcohol Programs	3
ADS R113B	Co-Occurring Disorders II	3
ADS R115	Alcohol, Drugs, Eating Disorders and Nutrition	3
ADS R121	Alcohol/Drugs and Domestic Violence	3

ADS R122	Reducing Binge and Underage Drinking: A Collective Responsibility	3
ADS R123	Alcohol, Drug Addiction and Trauma	3
ADS R125	Treatment of Eating Disorders	3
<b>Total Required Units for Certificate</b>		<b>27</b>

To complete a Certificate of Achievement, students must also meet requirements in scholarship and residency. Refer to Earn a Certificate of Achievement (p. 57) section in this catalog.

Year 1		
Fall Semester		Units/Hours
ADS R105B	Group Leadership II	3
ADS R106	Adult Children of Alcoholics	3
ADS R123	Alcohol, Drug Addiction and Trauma	3
<b>Units/Hours</b>		<b>9</b>
Spring Semester		
ADS R113B	Co-Occurring Disorders II	3
ADS R121	Alcohol/Drugs and Domestic Violence	3
ADS R122	Reducing Binge and Underage Drinking: A Collective Responsibility	3
<b>Units/Hours</b>		<b>9</b>
Summer Semester		
ADS R111	Management and Supervision in Alcohol Programs	3
ADS R115	Alcohol, Drugs, Eating Disorders and Nutrition	3
ADS R125	Treatment of Eating Disorders	3
<b>Units/Hours</b>		<b>9</b>
<b>Total Units/Hours</b>		<b>27</b>

Upon successful completion of this program, students will be able to:

- Describe the organizational structures, management and administrative policies and procedures affecting success and failure of alcohol and drug treatment programs.
- Train, supervise, evaluate, and discipline other counselors in order to enhance and facilitate professional development within an organization.
- Design and effectively lead group counseling sessions utilizing a variety of advanced group leadership practices such as: depth work engagement and the application of effective methods and modalities, interventions, techniques, and theories as applied to addiction and recovery counseling services.
- Describe mental disorders and best practices for their treatment including recognizing the appropriate use of psychotropic medications, and when psychiatric referral and professional consultation is required.
- Identify the major types of eating disorders that are often co-occurring with addictions and the unique nutritional needs of recovering individuals.
- Identify the cycle, patterns and progression of domestic violence/interpersonal abuse through the use of power and control strategies and the relationship between alcohol/drug abuse and domestic/interpersonal abuse.
- Utilize screening, intake and counseling procedures unique to domestic violence/interpersonal abuse (specifically how they relate to those individuals on probation, parole and/or in Batterers' Intervention Programs as per the CA Penal Code).
- Describe the role of public policy in addressing binge and underage drinking and explain the process of formulating and enacting prevention strategies and the rationale for community involvement.



- Describe how treatment and recovery from trauma bonds reduces the likelihood of re-experiencing traumatizing events by increasing awareness of these bonds, thereby extinguishing potentially high-risk, repetitive behaviors and addiction.
- Define the concept of the disease of alcoholism as a family disease, describe its effects on family relationships and development of co-dependency and demonstrate knowledge of the reprogramming strategies for adult children of alcoholics.

## Community Behavioral Health Worker, Certificate of Achievement

The Community Behavioral Health Worker Certificate of Achievement prepares students for entry-level positions in the behavioral/mental health field. This program is designed for students who are interested in working with people with mental illness or substance use disorders. Students will have a foundational understanding of the mental health field and will learn the basic counseling skills to work with this population. All of these courses are also part of the Addictive Disorders Studies Certificate of Achievement and aligned with C-ID. Career opportunities after completion of the certificate include Behavioral Health Worker, Mental Health Worker, Social and Human Service Assistants, Substance Abuse Worker, and Addiction Counselor Assistant.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
ADS R102	Case Management for Treatment	3
ADS R104	Addiction Counseling Theories and Techniques	3
ADS R113A	Co-Occurring Disorders I	3
ADS R118	Culture, Race and Gender Diversity in Treatment	3
ADS R124	Ethics and Confidentiality for Alcohol/Drug Studies	3
<b>Total Required Units for Certificate</b>		<b>15</b>

Year 1		
Fall Semester		Units/Hours
ADS R102	Case Management for Treatment	3
ADS R104	Addiction Counseling Theories and Techniques	3
ADS R113A	Co-Occurring Disorders I	3
ADS R118	Culture, Race and Gender Diversity in Treatment	3
ADS R124	Ethics and Confidentiality for Alcohol/Drug Studies	3
<b>Units/Hours</b>		<b>15</b>
<b>Total Units/Hours</b>		<b>15</b>

Upon successful completion of this program, students will be able to:

- Identify the parts of case management in treatment settings.
- Demonstrate familiarity with the correct protocol in counseling clients.
- Describe symptoms of common co-occurring mental illness.
- Describe the impact that class, race, ethnicity, and gender have on treatment of mental illness and substance abuse.
- Identify the rules of confidentiality and mandated reporting in the workplace.

## Air Conditioning and Refrigeration

The Air Conditioning and Refrigeration (HVAC/R) Program provides occupational training to prepare students for jobs in the HVAC/R industry, including the green economy sector (energy auditing). The program also provides valuable skill enhancement training to existing HVAC/R technicians who desire to expand and update their knowledge and skills to advance in the industry. Students in the program learn the theoretical, technical, and problem-solving skills essential for employment and advancement in the HVAC/R industry.

Students completing the program can seek employment as HVAC/R technicians, sales and consulting specialists, equipment and system installers, operations and maintenance technicians, building engineers, controls technicians, and energy auditing specialists. As a CTE program with an industry advisory council that meets annually and communicates regularly, we have developed an educational partnership with the area HVAC/R industry and we are meeting a defined need to provide qualified HVAC/R technicians and energy auditors to HVAC/R businesses that service corporations and homes in Ventura County and beyond.

### AC R010 Introduction to Air Conditioning and Refrigeration 3 Units

*Formerly:* ENVT R010

*In-Class Hours:* 52.5 lecture

This course develops competency in the theoretical troubleshooting of mechanical problems in air conditioning and refrigeration systems through an understanding of the operating principles for refrigeration. It is recommended as a first semester course for persons who want to develop or improve job skills in the air conditioning, heating and refrigeration industry. Together with the lab course (AC R010L), this course targets the service technician who wishes to develop troubleshooting and repair skills. It is also applicable for students wishing to enter the industry in the capacity of installer, sales representative, maintenance technician, or designer.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### AC R010L Introduction to Air Conditioning and Refrigeration I Lab 2 Units

*Formerly:* ENVT R010L

*In-Class Hours:* 17.5 lecture, 52.5 laboratory

This course develops competency in the hands-on troubleshooting of mechanical problems in air conditioning and refrigeration systems through an understanding of the operating principles for refrigeration.

It is recommended as a first semester course for persons who want to develop or improve job skills in the air conditioning, heating and refrigeration industry. Together with the lecture course (AC R010), this class targets the service technician who wishes to develop refrigeration troubleshooting and repair skills. It is also applicable for students wishing to enter the industry in the capacity of installer, sales representative, maintenance technician, or designer.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

**AC R011L Air Conditioning and Refrigeration II Lab 2 Units***Formerly:* ENVT R011L*In-Class Hours:* 17.5 lecture, 52.5 laboratory*Prerequisites:* AC R010L

This course develops additional competency in the hands-on troubleshooting of mechanical problems in air conditioning and refrigeration systems through an understanding of the operating principles for refrigeration. It is recommended as a second semester course for persons who want to develop or improve job skills in the air conditioning, heating and refrigeration industry. Together with the first semester lab course (AC R010L), this class targets the service technician who wishes to develop refrigeration troubleshooting and repair skills. It is also applicable for students wishing to enter the industry in the capacity of installer, sales representative, maintenance technician, or designer.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**AC R020 Electrical Systems I 3 Units***Formerly:* ENVT R020*In-Class Hours:* 52.5 lecture

This course develops competency in the theoretical troubleshooting of mechanical problems in air conditioning and refrigeration systems through an understanding of the operating principles for electrical wiring systems used in air conditioning and refrigeration installations. It is recommended for persons who want to develop or improve job skills in the air conditioning, heating and refrigeration industry. Together with the lab course (AC R020L), this course targets the service technician who wishes to develop skills in reading wiring diagrams, identifying electrical components, and electrical troubleshooting and repair skills. It is also applicable for students wishing to enter the industry in the capacity of installer, sales representative, maintenance technician, or designer.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**AC R020L Electrical Systems I Lab 2 Units***Formerly:* ENVT R020L*In-Class Hours:* 17.5 lecture, 52.5 laboratory

This course develops competency in the theoretical troubleshooting of mechanical problems in air conditioning and refrigeration systems through an understanding of the operating principles for electrical wiring systems used in air conditioning and refrigeration installations. It is recommended for persons who want to develop or improve job skills in the air conditioning, heating and refrigeration industry. Together with the lab course (AC R020), this course targets the service technician who wishes to develop skills in reading wiring diagrams, identifying electrical components, and electrical troubleshooting and repair skills. It is also applicable for students wishing to enter the industry in the capacity of installer, sales representative, maintenance technician, or designer.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**AC R021L Electrical Systems II Lab 2 Units***Formerly:* ENVT R021L*In-Class Hours:* 17.5 lecture, 52.5 laboratory*Prerequisites:* AC R020L

This course develops additional competency in the hands-on troubleshooting of mechanical problems in air conditioning and refrigeration systems through an understanding of the operating principles for electrical wiring systems used in air conditioning and refrigeration installations. It is recommended for persons who want to continue their development of electrical troubleshooting job skills in the air conditioning, heating and refrigeration industry through practice on live equipment. Together with the introductory electrical lab course (AC R020L), this course targets the service technician who wishes to develop a higher skill level in reading wiring diagrams, identifying electrical components, and electrical troubleshooting and repair skills. It is also applicable for students wishing to enter the industry in the capacity of installer, sales representative, maintenance technician, or designer.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**AC R030 Airside Systems 3 Units***Formerly:* ENVT R030*In-Class Hours:* 52.5 lecture

This course develops competency in the theoretical troubleshooting of air side problems in air conditioning/heating systems through an understanding of the principles of air flow, the properties of air, theory of controls, reading of construction drawings, and calculation of building loads. It is recommended for persons who want to develop or improve job skills in the air conditioning, heating and refrigeration industry. Together with the lab course (AC R030L), this course targets the service technician who wishes to develop skills in designing and troubleshooting building air conditioning systems and controls. It is also applicable for students wishing to enter the industry in the capacity of installer, sales representative, maintenance technician, or designer.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None

**AC R030L Airside Systems Lab 2 Units***Formerly:* ENVT R030L*In-Class Hours:* 17.5 lecture, 52.5 laboratory

This course develops competency in the hands-on troubleshooting of air side problems in air conditioning/heating systems through an understanding of the principles of air flow, the properties of air, theory of controls, reading of construction drawings, and calculation of building loads. It is recommended for persons who want to develop or improve job skills in the air side segment of the air conditioning, heating and refrigeration industry through practice with live equipment and tools. Together with the lecture course (AC R030), this course targets the service technician who wishes to develop skills in designing and troubleshooting building air conditioning systems and controls. It is also applicable for students wishing to enter the industry in the capacity of installer, sales representative, maintenance technician, or designer.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**AC R040 Heating and Control Systems 3 Units***Formerly:* ENVT R040*In-Class Hours:* 52.5 lecture

This course develops competency in the theoretical troubleshooting of mechanical and electrical problems in heating systems through an understanding of the operating principles for heating and furnace electrical control circuits. It is recommended for persons who want to develop or improve job skills in the heating segment of the air conditioning, heating and refrigeration industry. Together with the lab course (AC R040L), this course targets the service technician who wishes to develop skills in designing and troubleshooting heating systems and controls. It is also applicable for students wishing to enter the industry in the capacity of installer, sales representative, maintenance technician, or designer.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**AC R040L Heating and Control Systems Lab 2 Units***Formerly:* ENVT R040L*In-Class Hours:* 17.5 lecture, 52.5 laboratory

This course develops competency in the hands-on troubleshooting of mechanical and electrical problems in heating systems through an understanding of the operating principles of heating and furnace electrical control circuits. It is recommended for persons who want to develop or improve job skills in the heating segment of the air conditioning, heating and refrigeration industry. Together with the lecture course (AC R040), this course targets the service technician who wishes to develop skills in designing and troubleshooting heating systems and controls. It is also applicable for students wishing to enter the industry in the capacity of installer, sales representative, maintenance technician, or designer.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**AC R050 Energy Auditing 3 Units***Formerly:* ENVT R050*In-Class Hours:* 52.5 lecture

Energy auditing is part of the growing industry of green and sustainable technologies; an energy auditor helps to optimize the energy efficiency of a home or building while reducing the client's energy costs. An energy audit can also have a positive impact on the environment by reducing unnecessary energy consumption. This course is designed for the student who has a solid foundation in HVAC/R to learn how to perform detailed home and building inspections and make cost effective recommendations about improving energy efficiency. There is now an expectation in the industry that a technician's knowledge expand beyond just working on a system into understanding how the HVAC system fits into the whole house/building design. Many of the procedures and tests that are performed in an energy audit revolve around the heating and cooling systems and therefore a student interested in taking this course should have foundation level HVAC/R knowledge.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**AC R050L Energy Auditing Lab 2 Units***Formerly:* ENVT R050L*In-Class Hours:* 17.5 lecture, 52.5 laboratory

Energy auditing is part of the growing industry of green and sustainable technologies; an energy auditor helps to optimize the energy efficiency of a home or building while reducing the client's energy costs. An energy audit can also have a positive impact on the environment by reducing unnecessary energy consumption. This lab course accompanies the energy auditing lecture course and provides hands-on instruction on the proper safety practices and energy auditing tools necessary to perform an energy audit. Students will also learn how to use energy auditing software to gather and analyze energy auditing data. Many of the procedures and tests that are performed in an energy audit revolve around the heating and cooling systems, and therefore a student interested in taking this course should have foundation level HVAC/R knowledge.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None

- Air Conditioning and Refrigeration, Associate in Science (p. 182)
- Air Conditioning and Refrigeration, Certificate of Achievement (p. 182)
- Airside Systems, Proficiency Award (p. 183)
- Electrical Systems for HVAC/R, Proficiency Award (p. 183)
- Energy Auditing, Proficiency Award (p. 183)
- Heating and Hydronics, Proficiency Award (p. 183)
- Mechanical Systems for HVAC/R, Proficiency Award (p. 184)

*For more information contact:***Career Education Division Office (805) 678-5824**

## Air Conditioning and Refrigeration, Associate in Science

The Air Conditioning and Refrigeration (HVAC/R) Program provides occupational training to prepare students for jobs in the HVAC/R industry, including the green economy sector (energy auditing). The program also provides valuable skill enhancement training to existing HVAC/R technicians who desire to expand and update their knowledge and skills to advance in the industry. Students in the program learn the theoretical, technical, and problem-solving skills essential for employment and advancement in the HVAC/R industry.

Students completing the program can seek employment as HVAC/R technicians, sales and consulting specialists, equipment and system installers, operations and maintenance technicians, building engineers, controls technicians, and energy auditing specialists. As a CTE program with an industry advisory council that meets annually and communicates regularly, we have developed an educational partnership with the area HVAC/R industry and we are meeting a defined need to provide qualified HVAC/R technicians and energy auditors to HVAC/R businesses that service corporations and homes in Ventura County and beyond.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
AC R010	Introduction to Air Conditioning and Refrigeration	3
AC R010L	Introduction to Air Conditioning and Refrigeration I Lab	2
AC R011L	Air Conditioning and Refrigeration II Lab	2
AC R020	Electrical Systems I	3
AC R020L	Electrical Systems I Lab	2
AC R021L	Electrical Systems II Lab	2
AC R030	Airside Systems	3
AC R030L	Airside Systems Lab	2
AC R040	Heating and Control Systems	3
AC R040L	Heating and Control Systems Lab	2
AC R050	Energy Auditing	3
AC R050L	Energy Auditing Lab	2
<b>Total Required Major Units</b>		<b>29</b>
Oxnard College General Education Pattern		29
Double-Counted Units		0
Free Electives Required		2
<b>Total Required Units for A.S. Degree</b>		<b>60</b>

Environmental Protection Agency (EPA) testing is available to all students at a discounted rate.

To complete the Associate Degree, students must meet requirements in the major, general education, competency, units, scholarship, and residency. Refer to Earn an Associate Degree (p. 53) and the A.A. or A.S. Degree in Specific Majors (p. 55) sections of this catalog.

Upon successful completion of this program, students will be able to:

- Troubleshoot and perform basic mechanical and electrical service and repairs on air conditioning and refrigeration (HVAC) systems.

- Locate and identify applicable codes, licensing requirements and best practices as they relate to the installation of various types of HVAC/R equipment.
- Read, draft and comprehend various construction drawings and electrical schematics used in the HVAC industry.

## Air Conditioning and Refrigeration, Certificate of Achievement

The Air Conditioning and Refrigeration (HVAC/R) Program provides occupational training to prepare students for jobs in the HVAC/R industry, including the green economy sector (energy auditing). The program also provides valuable skill enhancement training to existing HVAC/R technicians who desire to expand and update their knowledge and skills to advance in the industry. Students in the program learn the theoretical, technical, and problem-solving skills essential for employment and advancement in the HVAC/R industry.

Students completing the program can seek employment as HVAC/R technicians, sales and consulting specialists, equipment and system installers, operations and maintenance technicians, building engineers, controls technicians, and energy auditing specialists. As a CTE program with an industry advisory council that meets annually and communicates regularly, we have developed an educational partnership with the area HVAC/R industry and we are meeting a defined need to provide qualified HVAC/R technicians and energy auditors to HVAC/R businesses that service corporations and homes in Ventura County and beyond.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
AC R010	Introduction to Air Conditioning and Refrigeration	3
AC R010L	Introduction to Air Conditioning and Refrigeration I Lab	2
AC R011L	Air Conditioning and Refrigeration II Lab	2
AC R020	Electrical Systems I	3
AC R020L	Electrical Systems I Lab	2
AC R021L	Electrical Systems II Lab	2
AC R030	Airside Systems	3
AC R030L	Airside Systems Lab	2
AC R040	Heating and Control Systems	3
AC R040L	Heating and Control Systems Lab	2
AC R050	Energy Auditing	3
AC R050L	Energy Auditing Lab	2
<b>Total Required Major Units</b>		<b>29</b>

Environmental Protection Agency (EPA) testing is available to all students at a discounted rate.

To complete the Certificate of Achievement, students must also meet requirements in scholarship and residency. Refer to Earn a Certificate of Achievement (p. 57) section in this catalog for specific information.

Upon successful completion of this program, students will be able to:

- Troubleshoot and perform basic mechanical and electrical service and repairs on air conditioning and refrigeration (HVAC) systems.

- Locate and identify applicable codes, licensing requirements and best practices as they relate to the installation of various types of HVAC/R equipment.
- Read, draft and comprehend various construction drawings and electrical schematics used in the HVAC industry.

## Airside Systems, Proficiency Award

The Airside Systems Program is an award to recognize proficiency in airside systems concepts and practices. The program prepares students to become environmental control technology/HVACR technicians to maintain and repair heating, cooling, and refrigeration equipment in residential, commercial, and industrial buildings. Technicians can specialize in either installation or maintenance and repair.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
AC R030	Airside Systems	3
AC R030L	Airside Systems Lab	2
<b>Total Units</b>		<b>5</b>

Upon successful completion of this program, students will be able to:

- Identify the various components, and their associated symbols, used in air conditioning distribution systems.
- Troubleshoot and diagnose various air flow/air quality issues related to air distribution systems.
- Research and apply various mechanical codes published in the Uniform Mechanical Code book (UMC) and mandated by local authorities. In addition students will be expected to review and understand indoor air quality (IAQ) and energy efficiency (Title 24) regulations.

## Electrical Systems for HVAC/R, Proficiency Award

The Electrical Systems for HVAC/R Program is an award to recognize proficiency in electrical systems for HVAC/R, concepts and practices. The program prepares students to become environmental control technology/HVAC/R technicians to maintain and repair heating, cooling, and refrigeration equipment in residential, commercial, and industrial buildings. Technicians can specialize in either installation or maintenance and repair.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
AC R020	Electrical Systems I	3
AC R020L	Electrical Systems I Lab	2
AC R021L	Electrical Systems II Lab	2
<b>Total Units</b>		<b>7</b>

Upon successful completion of this program, students will be able to:

- Identify the electrical components used in air conditioning and refrigeration systems, and state the function of each.
- State how each of the electrical components in a wiring diagram contributes to the sequence of operation.

- Research and apply various electrical codes published in the National Electric Code book (NEC) and mandated by local authorities.

## Energy Auditing, Proficiency Award

The Energy Auditing Program is an award to recognize proficiency in energy auditing concepts and practices. The program prepares students to become environmental control technology/HVACR technicians to maintain and repair heating, cooling, and refrigeration equipment in residential, commercial, and industrial buildings. Technicians can specialize in either installation or maintenance and repair.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
AC R050	Energy Auditing	3
AC R050L	Energy Auditing Lab	2
<b>Total Units</b>		<b>5</b>

Upon successful completion of this program, students will be able to:

- Describe the role of an energy auditor and the different types of audits that an energy auditor performs.
- List and provide a brief description of the different types of certifications associated with the field of energy auditing.
- Explain the functions of the diagnostic equipment that is used by an energy auditor.
- Identify safety measures that are necessary for an energy auditor.
- Demonstrate the correct use of energy auditing software to gather and analyze energy auditing data.

## Heating and Hydronics, Proficiency Award

The Heating and Hydronics Program is an award to recognize proficiency in heating and hydronic systems concepts and practices. The program prepares students to become environmental control technology/HVAC/R technicians to maintain and repair heating, cooling, and refrigeration equipment in residential, commercial, and industrial buildings. Technicians can specialize in either installation or maintenance and repair.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
AC R040	Heating and Control Systems	3
AC R040L	Heating and Control Systems Lab	2
<b>Total Units</b>		<b>5</b>

Upon successful completion of this program, students will be able to:

- List and describe the various types of heating systems used in building heating applications.
- Diagnose a mechanical combustion problem with a heating system.
- Summarize a solution to a specific mechanical combustion problem.



## Mechanical Systems for HVAC/R, Proficiency Award

The Mechanical Systems for HVAC/R Program is an award to recognize proficiency in HVAC/R mechanical systems concepts and practices. The program prepares students to become environmental control technology/HVAC/R technicians to maintain and repair heating, cooling, and refrigeration equipment in residential, commercial, and industrial buildings. Technicians can specialize in either installation or maintenance and repair.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
AC R010	Introduction to Air Conditioning and Refrigeration	3
AC R010L	Introduction to Air Conditioning and Refrigeration I Lab	2
AC R011L	Air Conditioning and Refrigeration II Lab	2
<b>Total Units</b>		<b>7</b>

Upon successful completion of this program, students will be able to:

- Recognize each of the components and accessories used in refrigeration systems and define the function of each.
- Estimate the correct operating temperature and pressure of refrigeration or air conditioning equipment given specific variables.
- Research and apply various mechanical codes published in the Uniform Mechanical Code book (UMC) and local authorities. In addition students will be expected to review and understand energy efficiency (Title 24) regulations.

## American Sign Language

The ASL program at Oxnard College offers two pathways for students interested in learning ASL. Those planning to pursue a field working with the Deaf, such as ASL/English Interpretation or Deaf Education, may obtain an Associate in Arts degree in Deaf Studies. The A.A. degree prepares students to apply to Bachelor's programs at the university level which require proficiency in ASL. For students interested in learning ASL as a means for interacting with Deaf people in their local community or place of work, a Certificate of Achievement is offered. All ASL courses are designed to equip students with the linguistic proficiency and cultural competency to interact and work with Deaf people and to instill a greater understanding of and appreciation for the Deaf community.

**NOTE:** The UC limits enrollment in some courses. See the UC Transfer Course Agreement (p. 105) page for details.

### ASL R101 American Sign Language 1 4 Units

*In-Class Hours:* 70 lecture

Students with little or no prior knowledge of American Sign Language will be introduced to the natural language and culture of the American Deaf Community. This course provides basic vocabulary and preparation for visual/gestural communication. Emphasis will be on comprehension skills and the fundamentals of ASL grammatical structures.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C2

**IGETC:** 6A

### ASL R102 American Sign Language 2 4 Units

*In-Class Hours:* 70 lecture

*Prerequisites:* ASL R101

This second-semester level course in ASL builds on the language skills previously acquired with a focus on ASL grammar structures, non-manual features, time concepts, numbers, classifiers, narrative skills and more in-depth conversational functions. Additional instruction on Deaf culture, community and behavioral norms will be presented.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C2

**IGETC:** 6A

### ASL R103 American Sign Language 3 4 Units

*In-Class Hours:* 70 lecture

*Prerequisites:* ASL R102

This course will continue the study of American Sign Language with expanded instruction in ASL grammar, vocabulary development, conversational skills, storytelling, and other ASL literary forms. Deafness, Deaf culture, and audism, as well as significant contributions of historical and modern-day figures within the Deaf community, will be further explored.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C2

**IGETC:** 3B, 6A



**ASL R104 American Sign Language 4 4 Units**

*In-Class Hours:* 70 lecture

*Prerequisites:* ASL R103

This course will build on previously acquired ASL communication skills and include study of more complex ASL grammatical features, vocabulary building in context, classifiers, narrative comprehension and development, and analysis and recitation of ASL literature. Class discussions will center on issues of current and historical significance to the Deaf community. Students will also apply the practical skills they've acquired throughout the program to act in support to the Deaf community in the form of a group capstone project.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C2

**IGETC:** 3B, 6A

**ASL R110 Introduction to Deaf Studies 3 Units**

*In-Class Hours:* 52.5 lecture

*Prerequisites:* ASL R102

This interdisciplinary course introduces a range of issues that are developed within Deaf Studies: ASL linguistics, Deaf education, sociology of Deaf culture, intersectionality and ASL interpreting. This class is conducted in ASL, therefore a minimum level of language proficiency is required.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C2, D

**IGETC:** 3B, 4

- Deaf Studies, Associate in Arts (p. 185)
- American Sign Language, Certificate of Achievement (p. 185)

*For more information contact:*

**Emily Zwaal (805) 678-5074** ezwaal@vcccd.edu

## American Sign Language, Certificate of Achievement

The Certificate of Achievement in American Sign Language is designed to meet the needs of students pursuing other degrees or certificates, or those already employed in the community, who are interested in acquiring fluency in ASL for practical purposes. Now the third most studied modern language in the U.S., Oxnard College simultaneously recognizes this growing body of students and the high demand for bilingual workers spanning a broad range of industries in California and nationwide. A certificate demonstrating proficiency in ASL can be a highly marketable skill to give job seekers a competitive advantage when applying to enter a variety of occupations, ranging from those requiring a high school diploma to a Bachelor's degree. The program equips students with the linguistic proficiency and cultural competency to interact with

Deaf people at an intermediate proficiency level in their respective fields and throughout public spaces. Field experiences embedded within the coursework contribute to a greater understanding of and appreciation for the Deaf community, which prepares students to function effectively as allies within the workplace and in society.

The certificate is made up of a series of four consecutive courses in the language and one Deaf Studies course. The program can be completed within two years. It should be noted that a certificate alone is not adequate qualification to interpret professionally or to work within an ASL-related field. For students interested in careers working within the Deaf community, an Associate in Arts degree in Deaf Studies should be pursued (see A.A. in Deaf Studies).

Course ID	Title	Units/Hours
<b>Required Core Courses:</b>		
ASL R101	American Sign Language 1	4
ASL R102	American Sign Language 2	4
ASL R103	American Sign Language 3	4
ASL R104	American Sign Language 4	4
ASL R110	Introduction to Deaf Studies	3
<b>Total Units</b>		<b>19</b>

The ASL program at Oxnard College prepares interested students for a multitude of careers working with Deaf and hard of hearing people by serving as a foundation for students planning to enter Bachelor's degree programs in Deaf Studies, Interpretation, Deaf Education and social services, among others. Now the third most studied modern language in the U.S., Oxnard College simultaneously recognizes the growing body of students in alternate disciplines who are interested in building fluency in ASL. Our courses equip students with the linguistic proficiency and cultural competency to interact with deaf people in their respective fields, and to contribute to a greater societal understanding and appreciation for the Deaf community. We provide a series of four courses in the language, with cultural study embedded in each. A separate Deaf Studies course is also offered, which provides a deeper exploration into the culture, history, customs and social issues of relevance to the Deaf community.

Upon successful completion of this program, students will be able to:

- Sustain a conversation in ASL that demonstrates comprehension of typical information conveyed in personal and social contexts, as defined by the ACTFL Listening Guidelines for Intermediate High proficiency.
- Tell a story using ASL grammar, a broad range of vocabulary and elements of ASL story development that describes, in detail, the persons/objects involved and incidents that occurred.
- Recognize examples of audism and define how cultural bias presents itself in both the overt and systemic oppression of deaf and hard of hearing people.
- Describe important events in Deaf History and identify key figures and their contributions to Deaf culture.

## Deaf Studies, Associate in Arts

The Associate in Arts in Deaf Studies degree program prepares interested students for a multitude of careers working with Deaf and hard of hearing people in fields such as Deaf Studies, ASL/English Interpretation, Deaf Education and social services by providing the foundation needed in

American Sign Language to pursue these programs at the university level. A series of four courses in the language and a Deaf Studies course comprise the core requisites of the degree, which can be completed in two years along with fulfillment of general education requirements.

Field experiences embedded within the coursework provide a deeper exploration into the culture and history of the Deaf community, as well as the complex phonocentric and audist systems which marginalize and oppress deaf people in public spaces. This critical exploration will expand recognition of Deaf people as a unique cultural group and prepare students to effectively work with and engage deaf people in ways that support and empower the community.

It should be noted that this degree alone is not adequate qualification to interpret or to work within most ASL-related professions. At minimum, a Bachelor's degree is required to interpret, teach or work professionally with deaf children or adults in most fields. The A.A. in Deaf Studies will provide the necessary foundation to pursue these goals.

For those pursuing other majors who are interested in learning ASL for practical purposes, a separate Certificate of Achievement in ASL is offered for which only the core coursework is required. (See 'Certificate of Achievement in ASL' in the Oxnard College catalog).

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
ASL R101	American Sign Language 1	4
ASL R102	American Sign Language 2	4
ASL R103	American Sign Language 3	4
ASL R104	American Sign Language 4	4
ASL R110	Introduction to Deaf Studies	3
<b>Total Required Major Units</b>		<b>19</b>
Oxnard College General Education		29
Double-Counted Units		-9
Free Electives Required		21
<b>Total Units Required for the AA Degree</b>		<b>60</b>
OR		
<b>Total Required Major Units</b>		<b>19</b>
CSU GE-Breadth		39
Double-Counted Units		-9
Free Electives Required		11
<b>Total Units Required for AA Degree</b>		<b>60</b>
OR		
<b>Total Required Major Units</b>		<b>19</b>
IGETC		37
Double-Counted Units		-9
Free Electives Required		13
<b>Total Units Required for AA Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Students will be able to sustain a conversation in ASL that demonstrates comprehension of typical information conveyed in personal and social contexts, as defined by the ACTFL Listening Guidelines for Intermediate High proficiency.
- Students will be able to tell a story using ASL grammar, a broad range of vocabulary and elements of ASL story development that describes, in detail, the persons/objects involved and incidents that occurred.

- Students will be able to recognize examples of audism and define how cultural bias presents itself in both the overt and systemic oppression of deaf and hard of hearing people.
- Students will be able to describe important events in Deaf History and identify key figures and their contributions to Deaf culture.

## Anatomy

### ANAT R101 General Human Anatomy 4 Units

Formerly: ANAT 100

In-Class Hours: 35 lecture, 105 laboratory

Prerequisites: BIOL R101 or BIOL R101H; and BIOL R101L; and MATH R005 or MATH R015; and ENGL R097 or eligibility for ENGL R101 as determined by the college's multiple measures assessment process  
C-ID: BIOL 110B

This course is organized into two parts: lecture and laboratory.

The lecture portion is an introduction to gross anatomy as well as organization and histology of human organ systems. The laboratory portion reinforces the lecture material and consists of hands-on experiments and demonstrations used to illustrate the principles and concepts of anatomy. These include but are not limited to microscope use, model and specimen examination, dissection of the cat as well as other livestock organs and demonstration of the dissected human cadaver. This course meets the requirements of students anticipating transfer to university, medical school, dental school, holistic medicine, kinesiology programs and other health care certificated programs.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B2, B3

**IGETC:** 5B, 5C

## Anthropology

Anthropology is one of the most interesting and flexible undergraduate majors. Similar to a GE or Liberal Studies degree in scope, Anthropology has the added benefit of introducing students to science, scientific method, and qualitative and quantitative research methods. Anthropology studies all human cultures in all places and times. It is the core discipline from which ethnology and ethnic studies spring. It is also the study of human biology, diversity, variation and evolution. Anthropology majors go on to many different professions. UCSB, CSUCI and CSUN all have bachelor's programs in Anthropology.

The AA-T degree (Associate in Arts for Transfer) in Anthropology will position you for many kinds of jobs, even if you do not end up majoring in Anthropology. Training in anthropology will benefit students interested in a range of different majors and careers including business, marketing, human resources and the non-profit sector. The AA-T in Anthropology is designed to satisfy the introductory level program requirements for students pursuing a B.A. in Anthropology and is excellent preparation for other professional and graduate programs in related disciplines.

**ANTH R101 Introduction to Biological Anthropology 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* ANTH 110

This course introduces students to the study of human evolution including the concepts, methods of inquiry, and scientific explanations for biological evolution and their application to the human species. Issues and topics will include, but are not limited to, genetics, evolutionary theory, human variation and biocultural adaptations, comparative primate anatomy and behavior, and the fossil evidence for human evolution. The scientific method serves as foundation of the course. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or "P" or better.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B2**IGETC:** 5B**ANTH R101H Honors: Introduction to Biological Anthropology 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* ANTH 110

This course introduces students to the study of human evolution including the concepts, methods of inquiry, and scientific explanations for biological evolution and their application to the human species. Issues and topics will include, but are not limited to, genetics, evolutionary theory, human variation and biocultural adaptations, comparative primate anatomy and behavior, and the fossil evidence for human evolution. The scientific method serves as foundation of the course. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enrichment opportunities. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P".

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B2**IGETC:** 5B**ANTH R101L Introduction to Biological Anthropology Lab 1 Unit***In-Class Hours:* 52.5 laboratory*Prerequisites:* ANTH R101 or concurrent enrollment*C-ID:* ANTH 115L

This laboratory course is offered as a supplement to Introduction to Biological Anthropology, either taken concurrently or in a subsequent term. Laboratory exercises are designed to introduce students to the scientific method and explore genetics, human variation, human and non-human behavior, the primate/hominin fossil record and other resources to investigate processes that affect human evolution.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B3**IGETC:** 5C**ANTH R102 Introduction to Cultural Anthropology 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* ANTH 120

This course explores how anthropologists study and compare human culture. Cultural anthropologists seek to understand the broad arc of human experience focusing on a set of central issues: how people around the world make their living (subsistence patterns); how they organize themselves socially, politically and economically; how they communicate; how they relate to each other through family and kinship ties; what they believe about the world (belief systems); how they express themselves creatively (expressive culture); how they make distinctions among themselves such as through applying gender, racial and ethnic identity labels; how they have shaped and been shaped by social inequalities such as colonialism; and how they navigate culture change and processes of globalization that affect us all. Ethnographic case studies highlight these similarities and differences, and introduce students to how anthropologists do their work, employ professional anthropological research ethics and apply their perspectives and skills to understand humans around the globe. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P".

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4

**ANTH R102H Honors: Introduction to Cultural Anthropology 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* ANTH 120

This course explores how anthropologists study and compare human culture. Cultural anthropologists seek to understand the broad arc of human experience focusing on a set of central issues: how people around the world make their living (subsistence patterns); how they organize themselves socially, politically and economically; how they communicate; how they relate to each other through family and kinship ties; what they believe about the world (belief systems); how they express themselves creatively (expressive culture); how they make distinctions among themselves such as through applying gender, racial and ethnic identity labels; how they have shaped and been shaped by social inequalities such as colonialism; and how they navigate culture change and processes of globalization that affect us all. Ethnographic case studies highlight these similarities and differences, and introduce students to how anthropologists do their work, employ professional anthropological research ethics and apply their perspectives and skills to understand humans around the globe. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enrichment opportunities. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P".

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**ANTH R103 Introduction to Archaeology 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* ANTH 150

Archaeology involves the study of past societies, their practices, beliefs and behaviors as deduced through the excavation, analysis and interpretation of their material remains. We will explore specific cultures that may include the Aztecs, Maya, Incas, Sumerians, Egyptians, Greeks, Chinese and specific sites that may include Teotihuacan, the Pyramids of Giza, Jericho, Gobekli Tepe, Uruk, Stonehenge and the Parthenon. This course is an introduction to the study of concepts, theories, data and models of anthropological archaeology that contribute to our knowledge of the human past. The course includes a discussion of the nature of scientific inquiry; the history and interdisciplinary nature of archaeological research; dating techniques; methods of survey, excavation, analysis, and interpretation; cultural resource management; professional ethics; and selected cultural sequences.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**ANTH R105 Sex, Gender and Culture 3 Units***In-Class Hours:* 52.5 lecture

Understandings of sex, gender, and sexuality profoundly impact the human experience by shaping how we understand our bodies and how we interact with others. This course introduces students to the anthropological study of sex, gender and sexuality, emphasizing both the biological and cultural aspects of these categories. Through a range of ethnographic material, we explore how understandings of sex, gender and sexuality differ cross-culturally and how these understandings shape human lives. Topics that we will cover may include biological understandings of sex, the cultural construction of gender, gender roles and division of labor, sexuality, the body, ritual, religion, kinship, discrimination and resistance, reproduction and the state.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2, F**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**ANTH R106 Psychological Anthropology 3 Units***In-Class Hours:* 52.5 lecture

Psychological anthropology examines the relationship between culture and psychology. It draws from both anthropology and psychology to explore the complex relationships between the social and the individual. Through the use of ethnographic sources, anthropological and psychological theory, films and other readings, we employ a cross-cultural perspective to consider how culture impacts behavior, understandings of mental health, identity, cognition, personality, perception, and self.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**ANTH R107 The Anthropology of Native Americans 3 Units***Same-As:* ETHS R107*In-Class Hours:* 52.5 lecture

Through ethnography, story and artifact, this course explores the anthropology of Native Americans from prehistory to the present. Utilizing an anthropological and Native American Studies perspective, we examine sociocultural issues relevant to Native Americans such as economics, language, religion, identity, politics, and cultural change. Special attention will be given to the contributions of Native Americans to the field of anthropology and to the broader culture of the United States. Emphasis will also be placed on the impact of European colonialism and on contemporary issues such as discrimination, the struggle for sovereignty, and land rights.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2, F**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D, F**IGETC:** 4

**ANTH R110 People of the World: The Cultures of Globalization and Change 3 Units***In-Class Hours:* 52.5 lecture

Culture is a central part of all human life. It shapes our identity, our worldview, and how we make sense of the world. Yet in an increasingly globalized world, cultures are rapidly changing as they come into contact with global economies, media, and transnational social forces. Through the use of ethnographic sources, films, and anthropological theory, this course emphasizes intensive study of select ethnographic regions around the globe and across time, paying particular attention to processes of cultural change, diffusion and the impact of globalization. We conduct in-depth analyses of the practices and beliefs of these cultures and consider how cultural change is impacting their lives. Topics covered will include ethnic and religious conflict, economic inequality, borders and migration, development, globalization, colonialism, environmental damage, and transnational social movements.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2, D**IGETC:** 3B, 4**ANTH R111 Magic, Witchcraft and Religion: Anthropology of Belief 3 Units***In-Class Hours:* 52.5 lecture

Religion and magic are human universals. Anthropologists study contemporary religions and religious consciousness to help reconstruct religions in prehistory, as well as for an understanding of the modern world and of the human mind. The student will be introduced to a fascinating variety of rites, rituals, religious movements, symbolic systems, as well as anthropological theories about religion. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P".

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**ANTH R111H Honors: Magic, Witchcraft and Religion: Anthropology of Belief 3 Units***In-Class Hours:* 52.5 lecture

Religion and magic are human universals. Anthropologists study contemporary religions and religious consciousness to help reconstruct religions in prehistory, as well as for an understanding of the modern world and of the human mind. The student will be introduced to a fascinating variety of rites, rituals, religious movements, symbolic systems, as well as anthropological theories about religion. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enrichment opportunities. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P".

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**ANTH R113 Ancient Civilizations of the Americas 3 Units***In-Class Hours:* 52.5 lecture

This course introduces students to the early civilizations of North America, South America, and Mesoamerica. Through archaeological analysis, including the analysis of human remains, artifacts and historical documents, we will explore the origins, development and culture of these societies including the Maya, Aztecs, Inca, Olmecs and Paleo-Indians.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2, D**IGETC:** 3B, 4**ANTH R114 African American Culture and Experience 3 Units***Same-As:* ETHS R114*In-Class Hours:* 52.5 lecture

This course explores the richness and diversity of African American culture and experience in the Americas from the 1600's to the present. Utilizing an anthropological perspective, the course will critically explore concepts like race, identity, diaspora, discrimination, marginalization and hybridity while paying particular attention to the significant impact that African Americans have had on American culture as a whole. Topics for discussion will include the influences of Yoruba culture, slavery, the Harlem Renaissance, Pan-Africanism, civil rights, the Black Power movement, the Black Panthers, blues, jazz, poetry, sports, literature, and the culture of Hip Hop.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2, F**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4



**ANTH R115 Introduction to Language and Culture 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* ANTH 130

This introductory course serves as a foundation for understanding language from an anthropological perspective, addressing such core questions as how, what, when, where, why and with whom do we communicate. This course surveys three core areas in linguistic anthropology—structural linguistics: phonetics, phonology, morphology, syntax, and semantics, as well as the complex biocultural interface of the brain and genetics in language production; historical linguistics: origins and evolution/change, dialects, and language families; and sociocultural linguistics: language acquisition in cultural context, emphasizing the relationship between language and culture, and issues of language conservation.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**ANTH R116 Science, Technology, and Human Values 3 Units***Same-As:* IDS R102*In-Class Hours:* 52.5 lecture

Science and technology have the potential to improve our lives, yet they also challenge the basic values of our humanity. Utilizing an interdisciplinary approach, this course explores the impact of science and technology on human culture, history, and understanding. Through critical engagement with scientific and social theory we explore how science and technology impact human cultures and values and we question what these developments mean for human societies in a global context. We explore topics such as global climate change, pollution, the nature of knowledge, science and gender, surveillance and security, nuclear energy, fracking, weapons of mass destruction, communications, the internet, hacking, genetic modification, space exploration, cosmology, cloning, artificial intelligence and medicine.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2, D**IGETC:** 3B, 4**ANTH R118 Introduction to Forensic Science 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* AJ 150

Forensic science is the study and application of science to the investigation of criminal and civil cases in the criminal justice system. This course introduces students to the scientific method and to the use of applied science from disciplines including anthropology, biology, chemistry, entomology, physics and others to benefit legal processes and investigations. Topics to be addressed will include the crime scene, blood pattern analysis, forensic pathology, toxicology, forensic anthropology, entomology, DNA and serology, fingerprints, criminal profiling, ballistics, fire and explosion investigation, tool marks and trace evidence.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B2, D**IGETC:** None**ANTH R119 Introduction to Border Studies 3 Units***Same-As:* BRS R101, ETHS R119*In-Class Hours:* 52.5 lecture

Borders and borderlands define territories and identity while simultaneously calling them into question. Utilizing an interdisciplinary perspective that includes ethnic studies, Chicana/o studies, anthropology, border studies, history, political science and other disciplines, this course explores both physical and conceptual borders and borderlands with an emphasis on first person narratives, generalizing to universal themes of change, globalization, conflict, motivation and movement across borders. Using the US/Mexico borderlands as our foundation, this course explores borders and borderlands through a range of ethnographic, narrative and theoretical works. We will analyze specific borderlands and borderland identities while considering the themes of hybridity, gender, sexuality, marginalization, economics, immigration, labor flows, travel, pollution, environmental change, media, conflict and cooperation.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2, F**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**ANTH R199 Directed Studies in Anthropology 1-3 Units***In-Class Hours:* 17.5-52.5 lecture

Designed for students interested in furthering their knowledge of Anthropology on an independent basis. Assigned problems will involve library, lab, and field work.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

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## Anthropology, Associate in Arts for Transfer

The Associate in Arts in Anthropology for Transfer (AA-T in Anthropology) is intended for students who plan to complete a bachelor's degree in Anthropology or a "similar" major at a CSU campus. Each CSU campus determines which of the degrees it offers are "similar" and can be completed with the preparation included in the AA-T in Anthropology within 60 units once a student transfers, so which majors are "similar" varies from CSU to CSU. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) webpage and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

To earn an AA-T in Anthropology, students must:

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 18 semester units in the Anthropology major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residence. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residency at the college granting the degree.

Students transferring to a CSU campus that accepts the Anthropology AA-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
ANTH R101	Introduction to Biological Anthropology	9

	or ANTH R101H Honors: Introduction to Biological Anthropology	
ANTH R102	Introduction to Cultural Anthropology	
	or ANTH R102H Honors: Introduction to Cultural Anthropology	
ANTH R103	Introduction to Archaeology	
<b>List A - Complete one course from the following:</b>		<b>3-4</b>
ANTH R101L	Introduction to Biological Anthropology Lab	
ANTH R115	Introduction to Language and Culture	
MATH R105	Introductory Statistics	
	or MATH R105H Honors: Introductory Statistics	
PSY R103	Beginning Statistics for Behavioral Science	
SOC R125	Statistics for the Behavioral and Social Sciences	
<b>List B - Complete one course from the following:</b>		<b>3-4</b>
Any course not selected from List A		
SOC R111	Introduction to Social Research	
ANTH R116	Science, Technology, and Human Values	
IDS R102	Science, Technology, and Human Values	
ANAT R101	General Human Anatomy	
GEOL R101 & R101L	Physical Geology and Physical Geology Laboratory	
GEOL R121	Earth Science with Laboratory	
GEOG R106	Introduction to Geographic Information Systems	
<b>List C - Complete one course from the following:</b>		<b>3</b>
Any course not selected from List A or List B		
ANTH R105	Sex, Gender and Culture	
ANTH R106	Psychological Anthropology	
ANTH/ETHS R107	The Anthropology of Native Americans	
ANTH R110	People of the World: The Cultures of Globalization and Change	
ANTH R111	Magic, Witchcraft and Religion: Anthropology of Belief	
	or ANTH R111H Honors: Magic, Witchcraft and Religion: Anthropology of Belief	
ANTH R113	Ancient Civilizations of the Americas	
ANTH/ETHS R114	African American Culture and Experience	
ANTH R118	Introduction to Forensic Science	
ANTH R119/ BRS R101/ ETHS R119	Introduction to Border Studies	
CHST R101	Introduction to Chicana/o Studies	
CHST/HIST R107	History of Mexicans in the United States	
COMM R113	Intercultural Communication	
GEOG R105	Introduction to Human Geography	
GLST R101	Introduction to Global Studies	
HIST R109	History of Mexico	
PHIL R115	Comparative World Religions	
	or PHIL R115H Honors: Comparative World Religions	
SOC R101	Introduction to Sociology	
	or SOC R101H Honors: Introduction to Sociology	
SOC R103	Race and Ethnic Relations	
URBS R101	Introduction to Urban Studies	
<b>Total Required Major Units</b>		<b>18-20</b>

<b>CSU GE-Breadth</b>	<b>39</b>
Double-Counted Units	- 9-19
Free Electives Required	10-22
<b>Total Units Required for AA-T Degree</b>	<b>60</b>
OR	
<b>IGETC</b>	<b>37</b>
Double-Counted Units	- 9-19
Free Elective Required	12-24
<b>Total Units Required for AA-T Degree</b>	<b>60</b>

Upon successful completion of this program, students will be able to:

- Apply logic, critical thinking, quantitative and qualitative reasoning to anthropological data and be able to distinguish amongst scientific laws, principles, hypotheses and theories.
- Apply their knowledge to the solution of human problems, both local and global, in both theoretical and practical settings, including a more mature understanding of their own place in society, in the workplace, and in academia.
- Identify major figures in the history of anthropology, the major schools/orientation of anthropological theory, and important trends in contemporary anthropological theory, methods and ethics.
- Demonstrate familiarity with the standards of professional ethics espoused by the discipline of anthropology.
- Develop skills in ethnographic writing, speaking and presentation.
- Master concepts and methods central to the anthropological perspective, e.g. culture, human evolution, genetics, linguistics, archaeology, prehistory, diversity, physical type, language, gender/sex, cultural relativism, holism, social structure, historical and cross-cultural comparisons, kinship, participant-observation and globalism.
- Develop and improve information retrieval and management skills, particularly use of online resources.

## Art & Art History

The Art and Art History program encourages all students to discover and explore the visual arts. Studio Art courses provide training in art practice, including drawing, life drawing, painting, color and design, three-dimensional art, digital photography, and digital arts. Art History courses introduce students to the study of art and explore the history of visual art traditions throughout the world, from antiquity to the present. The program is supported by the McNish Gallery of Art, which brings contemporary art to campus and provides students an opportunity to gain hands-on experience in gallery work.

Many courses in the Art and Art History program are transferable and satisfy general education requirements. Degree programs include an AA degree in Art - Two-Dimensional Studio and AA-T degrees (Associate in Arts for Transfer) in Studio Arts and in Art History.

The Art and Art History program emphasizes creative and critical thinking, skills that are useful in all walks of life!

### ART R101 Introduction to Art and Visual Culture 3 Units

*In-Class Hours:* 52.5 lecture

*C-ID:* ARTH 100

Art is among the most complex and dynamic forms of human creative expression. Visual art forms like painting and sculpture have been practiced since prehistoric times, and served diverse political, religious, and social purposes. Today, new media and techniques expand our visual imagination in a global cultural environment. In this introductory course, students learn how to understand and enjoy art, and gain skills in critically assessing contemporary visual culture. Topics include art media and techniques, formal elements, design principles, style, meaning, interpretation, and major themes and topics in the study of art and visual culture. Coursework emphasizes study of visual materials, including art exhibitions, and builds skills in close looking, critical thinking, and creative thought.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C1

**IGETC:** 3A

### ART R102 Western Art I: Prehistory through the Middle Ages 3 Units

*In-Class Hours:* 52.5 lecture

*Advisories/Rec Prep:* ENGL R101 or ENGL R101H

*C-ID:* ARTH 110

This course is an introduction to the history of Western art from prehistory through the medieval period. The course surveys the development of art in prehistoric Europe, ancient West Asia and Egypt, ancient Greece and Rome, and the medieval worlds of Byzantium, Islam, and Christian Europe. Major topics include the origins of art; the development of visual art media and monumental architecture; the intersection of art, power, and religion in society; connections among cultures; and the development of style. Coursework emphasizes study of visual materials and introduces methods of art historical research and inquiry. Duplicate credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P".

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C1

**IGETC:** 3A

**ART R103 Western Art II: Renaissance to Contemporary 3 Units***In-Class Hours:* 52.5 lecture*Advisories/Rec Prep:* ENGL R101*C-ID:* ARTH 120

This course is an introduction to the history of Western art from the Renaissance to the present. The course considers art and architecture in early modern Europe, 19th century Europe and the US, and the broader global contexts of the 20th and 21st centuries. Major topics include the invention of the Western tradition in art; the intersections of art, power, and protest; the rise of modern art institutions and practices; postmodernism; globalization; and new media. Coursework emphasizes study of visual materials and introduces methods of art historical research and inquiry.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C1**IGETC:** 3A**ART R104A Color and Design: 2-D Foundations 3 Units***In-Class Hours:* 17.5 lecture, 105 laboratory*C-ID:* ARTS 100

This course is an introduction to the concepts, applications, and social and historical contexts of two-dimensional art and composition, including the study of the basic principles and elements of line, shape, texture, value, color and spatial illusion. Emphasis is placed on the development of a visual vocabulary for creative expression.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ART R104B Color Theory 3 Units***In-Class Hours:* 17.5 lecture, 106 laboratory*Prerequisites:* ART R104A*C-ID:* ARTS 270

This course is an introduction to basic theories of color. Investigations of color interaction are conducted in a two-dimensional context. Introductory studies of psychological aspects of color will be explored.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ART R106A Drawing and Composition I 3 Units***In-Class Hours:* 17.5 lecture, 105 laboratory*C-ID:* ARTS 110

This course is an introduction to basic drawing experiences. Foundations of drawing will be explored through a variety of techniques and media with an emphasis on line, form, perspective and composition.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Family:** College faculty have identified courses in the following list as a family: ART R106A, ART R106B, ART R106C. A student may take a maximum of four (4) courses from this family.**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ART R106B Drawing and Composition II 3 Units***In-Class Hours:* 17.5 lecture, 105 laboratory*Prerequisites:* ART R106A*C-ID:* ARTS 205

This course is an exploration of artistic concepts, styles and creative expression related to intermediate-level drawing focusing on complex subject matter and concepts using a variety of mediums, techniques and methodologies. Students in this course will build on fundamental drawing skills to develop personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to drawing.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Family:** College faculty have identified courses in the following list as a family: ART R106B, ART R106A, ART R106C. A student may take a maximum of four (4) courses from this family.**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ART R106C Drawing and Composition III 3 Units***In-Class Hours:* 17.5 lecture, 105 laboratory*Prerequisites:* ART R106B

This course is an investigation of advanced drawing techniques, using materials deemed appropriate to the development of personal style. Students develop originality in process, critical visual thinking and awareness of contemporary drawing.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Family:** College faculty have identified courses in the following list as a family: ART R106C, ART R106A, ART R106B. A student may take a maximum of four (4) courses from this family.**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

**ART R108A Beginning Oil Painting 3 Units***In-Class Hours:* 17.5 lecture, 105 laboratory*C-ID:* ARTS 210

This course is an introduction to principles, elements, and practices of oil painting. This class focuses on painting materials, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter. Students will explore representational and abstract painting. Particular emphasis will be on the awareness of shape, form and color, surface, and their importance in composition.

**Grade Modes:** Letter Graded**Field Trips:** May be required

**Family:** College faculty have identified courses in the following list as a family: ART R108A, ART R108B, ART R108C, ART R110A, ART R110B, ART R110C. A student may take a maximum of four (4) courses from this family.

**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** None**ART R108B Intermediate Oil Painting 3 Units***In-Class Hours:* 17.5 lecture, 105 laboratory*Prerequisites:* ART R108A

This course is an intermediate level course to oil painting as an expressive medium. A thorough understanding will be developed by the individual centered on the following studio topics: materials and techniques, value, color, composition, perception, creative impulse and self-expression. Each topic will be approached by examining theoretical issues, or historical and contemporary painters' lives and works in order to inform student development.

**Grade Modes:** Letter Graded**Field Trips:** May be required

**Family:** College faculty have identified courses in the following list as a family: ART R108B, ART R108A, ART R108C, ART R110A, ART R110B, ART R110C. A student may take a maximum of four (4) courses from this family.

**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ART R108C Advanced Oil Painting 3 Units***In-Class Hours:* 17.5 lecture, 105 laboratory*Prerequisites:* ART R108B

This course explores the more advanced concepts in painting by examining abstract qualities in contemporary art; understanding philosophical trends and movements in painting and critical analysis of students' work. Each topic will be approached by examining theoretical issues, or historical and contemporary painters' lives and works in order to inform student development.

**Grade Modes:** Letter Graded**Field Trips:** May be required

**Family:** College faculty have identified courses in the following list as a family: ART R108C, ART R108A, ART R108B, ART R110A, ART R110B, ART R110C. A student may take a maximum of four (4) courses from this family.

**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ART R110A Beginning Acrylic Painting 3 Units***In-Class Hours:* 17.5 lecture, 105 laboratory*C-ID:* ARTS 210

This class is an introduction to principles, elements and practices of painting. Students will focus on the exploration of painting materials, perceptual skills and color theory, paint mixing and technique as well as creative responses to materials and subject matter.

**Grade Modes:** Letter Graded**Field Trips:** May be required

**Family:** College faculty have identified courses in the following list as a family: ART R110A, ART R108A, ART R108B, ART R108C, ART R110B, ART R110C. A student may take a maximum of four (4) courses from this family.

**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ART R110B Intermediate Acrylic Painting 3 Units***In-Class Hours:* 17.5 lecture, 105 laboratory*Prerequisites:* ART R110A

This course provides intermediate level study in acrylic painting as an expressive medium. A thorough understanding will be developed by the student centered on the following studio topics: materials and techniques, value, color, composition, perception, creative impulse and self-expression.

**Grade Modes:** Letter Graded**Field Trips:** May be required

**Family:** College faculty have identified courses in the following list as a family: ART R110B, ART R108A, ART R108B, ART R108C, ART R110A, ART R110C. A student may take a maximum of four (4) courses from this family.

**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None



**ART R110C Advanced Acrylic Painting 3 Units***In-Class Hours:* 17.5 lecture, 105 laboratory*Prerequisites:* ART R110B

This course explores the more advanced concepts in painting by examining abstract qualities in contemporary art, understanding philosophical trends and movements in painting and critical analysis of students' work. Each topic will be approached by examining theoretical issues or historical and contemporary painters' lives and works in order to inform student development.

**Grade Modes:** Letter Graded**Field Trips:** May be required

**Family:** College faculty have identified courses in the following list as a family: ART R110C, ART R108A, ART R108B, ART R108C, ART R110A, ART R110B. A student may take a maximum of four (4) courses from this family.

**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ART R115 Abstract Concepts 3 Units***In-Class Hours:* 17.5 lecture, 105 laboratory*Prerequisites:* ART R110A

This course is a study of abstract conceptual trends, both past and present source development in all art. Students will explore the areas of abstraction in real and non-objective form, as well as problems and solutions in abstraction.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ART R126A Life Drawing I 3 Units***In-Class Hours:* 17.5 lecture, 105 laboratory*Prerequisites:* ART R106A*C-ID:* ARTS 200

This course is an introduction to drawing the human figure from observation using a wide variety of drawing media and techniques. Topics include an introduction to human anatomy and the historical and contemporary roles of figure drawing in the visual arts. Students in this course will learn both descriptive and interpretive approaches to drawing the figure.

**Grade Modes:** Letter Graded**Field Trips:** May be required

**Family:** College faculty have identified courses in the following list as a family: ART R126A, ART R126B, ART R126C. A student may take a maximum of four (4) courses from this family.

**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ART R126B Life Drawing II 3 Units***In-Class Hours:* 17.5 lecture, 105 laboratory*Prerequisites:* ART R126A

This course is a continuation of Life Drawing I, but includes minor structures that surround or may be included in set-up (pose). Emphasis is placed on compositional and technical improvement in artistic procedures.

**Grade Modes:** Letter Graded**Field Trips:** May be required

**Family:** College faculty have identified courses in the following list as a family: ART R126B, ART R126A, ART R126C. A student may take a maximum of four (4) courses from this family.

**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ART R126C Life Drawing III 3 Units***In-Class Hours:* 17.5 lecture, 105 laboratory*Prerequisites:* ART R126B

This course is a continuation of Life Drawing II, but includes more complex structures that surround or may be included in set-up. Emphasis is placed on more complex compositional poses, and further technical improvement in artistic style development. Students will draw the human figure from live models using a variety of media such as; charcoal, pencil, conté crayon, pastels and multimedia.

**Grade Modes:** Letter Graded**Field Trips:** May be required

**Family:** College faculty have identified courses in the following list as a family: ART R126C, ART R126A, ART R126B. A student may take a maximum of four (4) courses from this family.

**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ART R140 Multicultural Children's Art 3 Units***In-Class Hours:* 35 lecture, 52.5 laboratory

This course is an introduction to a range of foundational hands-on art experiences that reflect K-12 state standards and common core standards. This includes producing creative work in two-dimensional and three-dimensional media, fine arts, craft, and design. Projects emphasize the importance of multicultural art, art traditions of indigenous peoples, as well as personal exploration of media and the role of the teacher in nurturing creative expression.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C1**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** C1**IGETC:** None

**ART R155 Beginning Sculpture 3 Units***In-Class Hours:* 17.5 lecture, 105 laboratory

This course is an introduction to three-dimensional sculptural principles, techniques, and concepts utilizing a wide range of materials and process. Various sculpture methods are practiced with attention to creative self-expression and historical context.

**Grade Modes:** Letter Graded**Field Trips:** May be required

**Family:** College faculty have identified courses in the following list as a family: ART R155, ART R156. A student may take a maximum of four (4) courses from this family.

**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ART R156 Intermediate Sculpture 3 Units***In-Class Hours:* 17.5 lecture, 105 laboratory*Prerequisites:* ART R155

This intermediate studio course will focus on experimentation with the ideas and media of sculpture and assembly with traditional, nontraditional, and alternative materials. Emphasis will be on the exploration of contemporary sculptural challenges of subject matter, form, and materials in relationship to individual aesthetic choices. Projects develop a wide range of skills and understanding of working in 3D.

**Grade Modes:** Letter Graded**Field Trips:** May be required

**Family:** College faculty have identified courses in the following list as a family: ART R156, ART R155. A student may take a maximum of four (4) courses from this family.

**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ART R160 Introduction to Digital Photography 3 Units***Formerly:* TV R160*Same-As:* FTVE R160*In-Class Hours:* 17.5 lecture, 105 laboratory

The history, theory and aesthetics of digital photography will be explored in this course. Students will learn the fundamentals of digital photography with an emphasis on processes, principles and tools of photography. Topics include the development of technical and aesthetic skills, elements of design and composition, camera technology, materials and equipment, and contemporary trends in photography.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ART R165 Portfolio/Gallery Presentation 3 Units***In-Class Hours:* 17.5 lecture, 105 laboratory*Prerequisites:* ART R106A

This course provides a practical experience in portfolio and exhibit development culminating in a group exhibit. Emphasis is placed on continuing artistic practice and professional development. Through hands-on experience, students will be introduced to exhibition planning, display, design, preparation, and installation techniques.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ART R171 Modern Art 3 Units***In-Class Hours:* 52.5 lecture*Advisories/Rec Prep:* ENGL R101 or ENGL R101H*C-ID:* ARTH 150

This course is an introduction to modern Western art and architecture. It focuses on work from Europe and the Americas in the 19th and 20th centuries. It also covers global intersections and influences through this period and into the 21st century. In addition to major artists and movements, the course considers topics such as the birth of photography and film, modernism, postmodernism, and the interconnections of art with power, social change, and gender. Works of art and architecture are explored within their social and cultural contexts.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C1**IGETC:** 3A**ART R172 Art of the Ancient Americas 3 Units***In-Class Hours:* 52.5 lecture*Advisories/Rec Prep:* ENGL R101 or ENGL R101H*C-ID:* ARTH 145

This course is an introduction to the visual cultures of select ancient civilizations in Mexico, Central America and South America prior to European contact. Ancient civilizations considered in this course include Mixtec, Olmec, Maya, Aztec, Nasca, Moche, Inca, among others. Works of art and architecture are considered in their connection with environmental, social, and cultural contexts.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B

**ART R174 Latin American Art 3 Units***In-Class Hours:* 52.5 lecture*Advisories/Rec Prep:* ENGL R101 or ENGL R101H

This course is an introduction to the art and visual culture of Latin America from the time of European contact to the present. In addition to major artists and movements, the course considers topics such as indigenous arts in a colonial context, European models, decolonization, and the intersection of art and national identity. The course includes links with Chicano/a art and culture in the U.S. Works of art and architecture are explored within their social and cultural contexts.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C1, C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C1, C2**IGETC:** 3A, 3B**ART R175 Introduction to Digital Art 3 Units***In-Class Hours:* 17.5 lecture, 105 laboratory*C-ID:* ARTS 250

This course is an introduction to fundamental concepts, practices, and theories of digital art production. Topics include integration of traditional design, color, and compositional principles with contemporary digital tools. Understanding of the underlying logic of computer software will be taught with an emphasis on the role of the computer in all forms of modern art-making. Students will learn how to use the computer as a tool effectively while developing their own method of creating digital artwork. Cross-platform issues will be addressed, as well as file preparation for various output media.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ART R177 Graphic Design I 3 Units***In-Class Hours:* 17.5 lecture, 105 laboratory*Prerequisites:* ART R104A*Advisories/Rec Prep:* ART R175

This course is an introduction to the basic concepts of graphic design for print and electronic media. Topics include an overview of the commercial and print industry, basic layout design principles, image preparation, color modes and file preparation for print. Student assignments encompassing design creativity and technical skills include branding and logo design, brochures, poster and album art.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ART R179 Introduction to Typography 3 Units***In-Class Hours:* 17.5 lecture, 105 laboratory*Prerequisites:* ART R104A

This course is an introduction to the fundamentals of typography. Emphasis will be on the use of typography in graphic design. Topics include the history of type, aesthetic qualities of letterforms, the anatomy of letter form and practice of typography as they apply to graphics, advertising and visual communication.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ART R180 3-D Foundations 3 Units***In-Class Hours:* 17.5 lecture, 105 laboratory*C-ID:* ARTS 101

This course is an introduction to the concepts, applications, and historical references related to three-dimensional design and spatial composition, including the study of the elements and organizing principles of design as they apply to three-dimensional space and form. Development of a visual vocabulary for creative expression through lecture presentations and use of appropriate materials for non-representational three-dimensional studio projects.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ART R199 Directed Studies in Art 0.5-3 Units***In-Class Hours:* 8.75-52.5 lecture, 26.25-157.5 laboratory*Prerequisites:* A course in the specific field*Enrollment Limitations:* Must have permission from instructor for enrollment.

This course is designed for students interested in furthering their knowledge of Art or Art History on an independent basis. This course offers opportunities for students with intermediate and/or advanced skills to engage in projects or studies not included in the regular curriculum. Students are accepted only by written project proposal approved by the discipline prior to enrollment.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

- Art History, Associate in Arts for Transfer (p. 198)
- Studio Arts, Associate in Arts for Transfer (p. 200)
  
- Art - Two-Dimensional Studio, Associate in Arts (p. 198)

*For more information, contact*

*Art History*

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## Art - Two-Dimensional Studio, Associate in Arts

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
ART R102	Western Art I: Prehistory through the Middle Ages	3
ART R103	Western Art II: Renaissance to Contemporary	3
ART R104A	Color and Design: 2-D Foundations	3
ART R104B	Color Theory	3
ART R106A	Drawing and Composition I	3
ART R106B	Drawing and Composition II	3
ART R115	Abstract Concepts	3
ART R126A	Life Drawing I	3
ART R171	Modern Art	3
ART R165	Portfolio/Gallery Presentation	3
<b>List A:</b>		
Choose a series of 2 Painting Courses		6
ART R108A & ART R108B	Beginning Oil Painting and Intermediate Oil Painting	
ART R110A & ART R110B	Beginning Acrylic Painting and Intermediate Acrylic Painting	
<b>Total Required Major Units</b>		<b>36</b>
Oxnard College General Education Pattern		29
Double-Counted Units		-3
Free Electives Required		0
<b>Total Required Units for A.A. Degree</b>		<b>62</b>

**Note:** Students planning to transfer to four-year universities and major in Art should consider taking advanced coursework in their area of emphasis such as drawing, painting, or sculpture. For major preparation requirements at UC and CSU campuses, see assist.org (<https://assist.org/>).

To complete the Associate Degree, students must meet requirements in the major, general education, competency, units, scholarship, and residency. Refer to Earn an Associate Degree (p. 53) and the A.A. or A.S. Degree in Specific Majors (p. 55) sections of this catalog.

Upon successful completion of this program, students will be able to:

- Listen, receive, attend to, interpret, and respond appropriately to (1) verbal and/or (2) nonverbal messages.
- Speak clearly and organize ideas and communicate verbal or nonverbal messages appropriate to the audience and the situation.

- Use basic geometric shapes, such as: lines, angles, shapes and space.
- Demonstrate creative expression when they achieve a hands-on experience with creative endeavors and either individually or collaboratively create original work applying feedback to improve their performance.
- Understand the complex blend of personal vision, social-cultural background, ethical values and aesthetic judgment in their own artistic work.
- Demonstrate an understanding of art including historical context and interrelationships with other disciplines.

## Art History, Associate in Arts for Transfer

Art History combines a close study of art and visual culture with historical investigation and analysis. Students gain an understanding of the development of art in cultures around the world and throughout time, as well as an appreciation for the complex ways in which art is connected with broader social and cultural concerns. As an academic discipline, Art History approaches art as a uniquely rich artifact for the understanding of human history. Core courses in the Art History program cover the history of art in the Western world, from prehistory to the present, and provide instruction in the fundamentals of drawing. Electives offer students the opportunity to explore art outside the Western tradition, go deeper in their study of a particular period of art, and develop their hands-on understanding of the materials and techniques of art-making. Art History courses build skills in visual analysis and interpretation, critical thinking, research, writing, and the formal presentation of ideas. A degree in Art History supports a wide range of careers both within and outside the art world. Art History students find success in education, art education, gallery and museum work, library and information sciences, marketing, public relations, writing, graphic design, web and media design, among other fields.

Students earning the AA-T degree in Art History may transfer to a CSU campus in Art with an Emphasis in Art History. Degree coursework covers transfer requirements and prepares students for advanced undergraduate work in the field. The AA-T degree also prepares students for transfer to a UC campus in Art History, though additional coursework may be required.

### To earn an AA-T in Art History degree, students must

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 18 semester units in the Art History major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.

4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residency at the college granting the degree.

Students transferring to a CSU campus that accepts the AA-T in Art History degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree. This degree may not necessarily be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		<b>9</b>
ART R102	Western Art I: Prehistory through the Middle Ages	
ART R103	Western Art II: Renaissance to Contemporary	
ART R106A	Drawing and Composition I	
<b>List A</b>		<b>3</b>
ART R172	Art of the Ancient Americas	
<b>List B</b>		<b>3</b>
ART R104A	Color and Design: 2-D Foundations	
ART R108A	Beginning Oil Painting	
ART R110A	Beginning Acrylic Painting	
ART R126A	Life Drawing I	
ART R155	Beginning Sculpture	
ART/FTVE R160	Introduction to Digital Photography	
ART R175	Introduction to Digital Art	
ART R180	3-D Foundations	
<b>List C</b>		<b>3</b>
Any course from List B not already selected		
ART R171	Modern Art	
FTVE R107	History of Film	
MUS R116	History of Rock Music	
ANTH R102	Introduction to Cultural Anthropology	
	or ANTH R102H Honors: Introduction to Cultural Anthropology	
ANTH R103	Introduction to Archaeology	
ANTH R105	Sex, Gender and Culture	
ANTH R107	The Anthropology of Native Americans	
ANTH R110	People of the World: The Cultures of Globalization and Change	
ANTH R113	Ancient Civilizations of the Americas	
ANTH R114	African American Culture and Experience	
ANTH R115	Introduction to Language and Culture	
CHST R101	Introduction to Chicana/o Studies	
CHST/HIST R107	History of Mexicans in the United States	
ENGL R104	English Literature I	
ENGL R105	English Literature II	
ENGL R107	American Literature I	
ENGL R108	American Literature II	
ENGL R111	Shakespeare	
ENGL R112	Literature by Women	

ENGL R124	Introduction to LGBTIQ Literature	
GLST R101	Introduction to Global Studies	
HIST R104	History of California	
HIST/CHST R107	History of Mexicans in the United States	
HIST R108	African-American History	
HIST R109	History of Mexico	
HIST R110	History of the Middle East	
HIST R117	History of American Women	
HIST R122		
HIST R126	History of Latin America	
HIST R130	History of the United States I	
	or HIST R130H Honors: History of the United States I	
HIST R140	History of the United States II	
	or HIST R140H Honors: History of the United States II	
HIST R150	World History I	
	or HIST R150H Honors: World History I	
HIST R160	World History II	
	or HIST R160H Honors: World History II	
PHIL R101	Introduction to Philosophy	
	or PHIL R101H Honors: Introduction to Philosophy	
PHIL R103	Survey of World Religions: East	
PHIL R104	Survey of World Religions: West	
PHIL R105	History of Ancient and Medieval Philosophy	
PHIL R106	History of Modern Philosophy	
PHIL R108	World Mythology	
PHIL R115	Comparative World Religions	
	or PHIL R115H Honors: Comparative World Religions	
SPAN R101		
SPAN R102		
SPAN R103		
SPAN R104		
SPAN R140		
SPAN R141		
URBS R101	Introduction to Urban Studies	
<b>Total Required Major Units</b>		<b>18-20</b>
<b>CSU GE-Breadth</b>		<b>39</b>
Double-Counted Units		- 9-12
Free Electives Required		10-15
<b>Total Units Required for AA-T Degree</b>		<b>60</b>
OR		
<b>IGETC</b>		<b>37</b>
Double-Counted Units		- 9-12
Free Elective Required		12-17
<b>Total Units Required for AA-T Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Identify artworks from major periods of Western history and from at least one other cultural tradition.
- Analyze artworks in relationship to their historical context and the broader social and cultural concerns of their time.
- Demonstrate familiarity with the fundamental concepts and methods of art historical investigation.



- Demonstrate ability in art historical research, including locating and using sources correctly.
- Demonstrate ability in the application of logic and critical thinking in written or oral exposition of art historical subject matter.

## Studio Arts, Associate in Arts for Transfer

The Associate in Arts in Studio Arts for Transfer (Studio Arts AA-T) is intended for students who plan to complete a bachelor's degree in a "similar" major at a CSU campus. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to [icangotocollege.com](http://icangotocollege.com) (<http://catalog.vcccd.edu/oxnard/programs-courses/art-history/studio-arts-aat/icangotocollege.com>) and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

To earn an AA-T in Studio Arts, students must:

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 24 semester units in the Studio Arts major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residency at the college granting the degree.

Students transferring to a CSU campus that accepts the Studio Arts AA-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
ART R103	Western Art II: Renaissance to Contemporary	
ART R104A	Color and Design: 2-D Foundations	
ART R180	3-D Foundations	
ART R106A	Drawing and Composition I	
<b>List A</b>		<b>3</b>

ART R102	Western Art I: Prehistory through the Middle Ages	
ART R171	Modern Art	
ART R172	Art of the Ancient Americas	
ART R174	Latin American Art	
<b>List B</b>		<b>9</b>
ART R126A or ART R106B	Life Drawing I Drawing and Composition II	3
ART R110A or ART R108A	Beginning Acrylic Painting Beginning Oil Painting	3
ART R155	Beginning Sculpture	3
ART R175	Introduction to Digital Art	3
ART R160	Introduction to Digital Photography	3
ART R104B	Color Theory	3
<b>Total Required Major Units</b>		<b>24</b>
<b>CSU GE Breadth</b>		<b>39</b>
Double-Counted Units		- 6-9
Free Electives Required		3-6
<b>Total Units Required for the AA-T Degree</b>		<b>60</b>
OR		
<b>IGETC</b>		<b>37</b>
Double-Counted Units		6
Free Elective Required		5
<b>Total Units Required for AA-T Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Demonstrate an understanding of art including its many contexts and art's interrelationships with other disciplines.
- Interpret artworks that are visual or non-visual and be able to respond to the artwork with interpretation.
- Present ideas related to subject matter and communicate effectively.
- Demonstrate creative expression when they design and implement a hands-on experience through creative thinking and either individually or collaboratively create original work, which they then revise and improve upon, based on critical feedback.
- Engage in collaborative projects that allow students to practice critical thinking, express their ideas, and apply creative art concepts across disciplinary lines and in a variety of contexts.
- Understand and use the elements of design in the correct application in various creative contexts.
- Understand the complex blend of personal vision, social-cultural background, ethical values and aesthetic judgment in their own artistic work.

## Assistive Computer Technology

The Assistive Computer Technology courses offered by Oxnard College have been designed to meet the special instructional needs of students with disabilities and to prepare the students for certificate and degree programs in line with the mission of the College. Students are encouraged to seek guidance and support services through the Educational Assistance Center at (805) 678-5830.

## Program Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate ability to use computers, tutorials and applications.

**ACT R001 Assistive Computer Technology 2 Units**

*In-Class Hours:* 17.5 lecture, 52.5 laboratory

This course provides in-depth computer access evaluation to determine the most appropriate access environment for students with a disability or multiple disabilities. Disability categories served could include: physical, learning, visual, cognitive, deaf/hard of hearing, and psychological. Other participants could include students recommended by instructional staff.

**Grade Modes:** Pass/No Pass Grading

**Degree Applicability:** Not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**ACT R011 Computer-Aided Learning 1 Unit**

*In-Class Hours:* 8.75 lecture, 26.25 laboratory

The course provides computer-assisted instruction in basic academic skills and test preparation. The course may include fundamental word processing to assist students in completion of classroom assignments such as homework and term papers.

**Grade Modes:** Pass/No Pass Grading

**Degree Applicability:** Not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**ACT R016 Computer Aided Learning Math 1 Unit**

*In-Class Hours:* 8.75 lecture, 26.25 laboratory

*Advisories/Rec Prep:* Concurrent enrollment in MATH R001 or LS R016A or LS R016B

Students with learning disabilities will be able to take this course while currently enrolled in any basic math course at Oxnard College to use computers to aid with their retention and learning of mathematics.

**Grade Modes:** Pass/No Pass Grading

**Degree Applicability:** Not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**ACT R017 Skills for the Internet 1 Unit**

*In-Class Hours:* 8.75 lecture, 26.25 laboratory

This course is designed to teach students the basic internet computer skills, techniques, and assistive computer technology that will enable them to be successful in accessing the Internet and email. Specifically, the course will review software that will accommodate students with disabilities to aid in using the internet. Students will learn the difference between academic and non-academic sources. Students will utilize and practice skills in individualized weekly research, presentations and website review assignments that will focus on developing better overall research skills as well as computing skills.

**Grade Modes:** Pass/No Pass Grading

**Degree Applicability:** Not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

For more information contact:

**Della Newlow (805) 678-5104** [dnewlow@vcccd.edu](mailto:dnewlow@vcccd.edu)

## Astronomy

**AST R101 Introduction to Astronomy 3 Units**

*In-Class Hours:* 52.5 lecture

This course is an introduction to astronomy for both science and non-science students. The intent of the course is to familiarize each student with the terms, tools, and theories of modern astronomy. Topics covered include historical events and discoveries, personalities, and tools, as well as studies of the solar system, stars, galaxies, pulsars, and blackholes.

The scientific method is defined and expounded.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B1

**IGETC:** 5A

**AST R101L Astronomy Laboratory 1 Unit**

*In-Class Hours:* 52.5 laboratory

*Prerequisites:* AST R101 or concurrent enrollment

*Advisories/Rec Prep:* MATH R005 or MATH R015 or High School Algebra

This laboratory reinforces principles learned in AST R101. Students obtain hands-on experience with telescopes, star charts, and other devices used in astronomy. Observations are made of the Moon, the planets, and the stars. Field trips to observatories, planetariums, and/or dark-sky sites may be required.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B3

**IGETC:** 5C

*For more information contact:*

**Justin Miller, (805) 678-5094**

[jwmiller@vcccd.edu](mailto:jwmiller@vcccd.edu)

## Automotive Body and Fender Repair

The Automotive Body, Painting, and Fender Repair program at Oxnard College prepares students to enter the industry as entry-level technicians and provides continuous skills improvement training for employed technicians in the field. Students can complete a Certificate of Achievement and an Associate of Science Degree if the necessary general education requirements are completed. The program emphasizes hands-on training in body, fender, collision repair, painting, and automotive graphics so that students have the skills necessary to gain employment in the industry.

## Credit Courses

### AB R001 Introduction to Automotive Body and Fender Repair 4 Units

*In-Class Hours:* 35 lecture, 105 laboratory

This course covers the fundamentals of auto body repair including metal inert gas (MIG) welding, oxy-acetylene welding, metal finishing, use of body fillers, sanding, masking, and priming.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### AB R002 Intermediate Auto Body and Fender Repair 4 Units

*In-Class Hours:* 35 lecture, 105 laboratory

*Prerequisites:* AB R001

This course teaches students advanced auto body repair techniques using various materials such as steel, aluminum and plastics. Students are also taught special priming methods.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### AB R003 Introduction to Estimating Auto Body Damage 4 Units

*In-Class Hours:* 35 lecture, 105 laboratory

*Prerequisites:* AB R002

This course is designed to prepare students with the necessary skills in writing estimates or accident reports for non-structural refinishing and repair of automobile damage.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### AB R004 Advanced Auto Body Collision and Damage Repair 4 Units

*In-Class Hours:* 35 lecture, 105 laboratory

*Prerequisites:* AB R003

This is an advanced course in the techniques of repairing heavy damage to the automobile body and chassis; emphasis will be on automobile frame straightening, structure damage repairs, and advanced welding. The student's auto body projects will be in the scope of complete automotive wrecks.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### AB R005A Auto Body Painting and Refinishing I 2 Units

*In-Class Hours:* 17.5 lecture, 52.5 laboratory

This course is designed to prepare students for entry-level positions in the automotive refinishing industry by providing training in painting fundamentals. Topics to be covered include a history of the industry, shop safety, shop equipment and layout, required tools and materials, and surface preparation techniques.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### AB R005B Auto Body Painting and Refinishing II 4 Units

*In-Class Hours:* 35 lecture, 105 laboratory

*Prerequisites:* AB R005A

This course continues training in automotive painting and refinishing. Topics to be covered include application of undercoats and topcoats, spot repair procedures, paint job procedures, paint problems, and procedures for securing employment in the field.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### AB R007A Automotive Graphics 2 Units

*In-Class Hours:* 17.5 lecture, 52.5 laboratory

This is an introductory course that gives a comprehensive overview of automotive graphics including preparation and layout of pinstriping, touch-up, lettering, and murals. This course also includes graphics for commercial trucks and boats.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### AB R007B Advanced Automotive Graphics 2 Units

*In-Class Hours:* 17.5 lecture, 52.5 laboratory

*Prerequisites:* AB R007A

This course provides instruction in advanced level automotive graphics design including color selection, paint mixing, customized murals, advanced commercial lettering applications, advanced outlines and shadowing, advanced pinstriping, and customized quills.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

## Noncredit Courses

### AB R801 Introduction to Automotive Body and Fender Repair 0 Units

*In-Class Hours:* 140 noncredit

This course covers the fundamentals of auto body repair including metal inert gas (MIG) welding, oxy-acetylene welding, metal finishing, use of body fillers, sanding, masking, and priming.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### AB R802 Intermediate Auto Body and Fender Repair 0 Units

*In-Class Hours:* 140 noncredit

*Prerequisites:* AB R801 or AB R001

This course teaches students advanced auto body repair techniques using various materials such as steel, aluminum and plastics. Students are also taught special priming methods.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### AB R803 Introduction to Estimating Auto Body Damage 0 Units

*In-Class Hours:* 140 noncredit

*Prerequisites:* AB R802 or AB R002

This course is designed to prepare students with the necessary skills in writing estimates or accident reports for non-structural refinishing and repair of automobile damage.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### AB R804 Advanced Auto Body Collision and Damage Repair 0 Units

*In-Class Hours:* 140 noncredit

*Prerequisites:* AB R803 or AB R003

This is an advanced course in the techniques of repairing heavy damage to the automobile body and chassis; emphasis will be on automobile frame straightening, structure damage repairs, and advanced welding. The student's auto body projects will be in the scope of complete automotive wrecks.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### AB R805A Auto Body Painting and Refinishing I 0 Units

*In-Class Hours:* 70 noncredit

This course is designed to prepare students for entry-level positions in the automotive refinishing industry by providing training in painting fundamentals. Topics to be covered include a history of the industry, shop safety, shop equipment and layout, required tools and materials, and surface preparation techniques.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### AB R805B Auto Body Painting and Refinishing II 0 Units

*In-Class Hours:* 140 noncredit

*Prerequisites:* AB R805A or AB R005A

This course continues training in automotive painting and refinishing. Topics to be covered include application of undercoats and topcoats, spot repair procedures, paint job procedures, paint problems, and procedures for securing employment in the field.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### AB R807A Automotive Graphics 0 Units

*In-Class Hours:* 70 noncredit

This is an introductory course that gives a comprehensive overview of automotive graphics including preparation and layout of pinstriping, touch-up, lettering, and murals. This course also includes graphics for commercial trucks and boats.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### AB R807B Advanced Automotive Graphics 0 Units

*In-Class Hours:* 70 noncredit

*Prerequisites:* AB R807A or AB R007A

This course provides instruction in advanced level automotive graphics design including color selection, paint mixing, customized murals, advanced commercial lettering applications, advanced outlines and shadowing, advanced pinstriping, and customized quills.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

- Automotive Body and Fender Repair, Associate in Science (p. 204)
- Automotive Body and Fender Repair, Certificate of Achievement (p. 205)

- Auto Body Painting and Refinishing, Certificate of Completion (p. 206)
- Automotive Body and Fender Repair, Certificate of Completion (p. 206)
- Automotive Graphics, Certificate of Completion (p. 206)
- Auto Body Painting and Refinishing, Proficiency Award (p. 204)
- Auto Body/Collision Repair, Proficiency Award (p. 204)
- Automotive Graphics, Proficiency Award (p. 205)
- Estimating Auto Body Damage & Advanced Repair, Proficiency Award (p. 205)

For more information contact:

Jose Ortega (805) 678-5047 jortega@vcccd.edu

## Auto Body Painting and Refinishing, Proficiency Award

The Auto Body Painting and Refinishing Program is a proficiency award that prepares students for positions in the auto body and repair industry in the area of painting and refinishing.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
AB R005A	Auto Body Painting and Refinishing I	2
AB R005B	Auto Body Painting and Refinishing II	4
<b>Total Units</b>		<b>6</b>

Upon successful completion of this program, students will be able to:

- Demonstrate proficiency in spot painting repair.
- Demonstrate proficiency in panel painting repair.
- Demonstrate proficiency in complete car painting repair.

## Auto Body/Collision Repair, Proficiency Award

The Auto Body/Collision Repair Program is a proficiency award that demonstrates students are prepared to apply technical knowledge and skills to repair, reconstruct and finish automobile bodies, fenders, and external features.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
AB R001	Introduction to Automotive Body and Fender Repair	4
AB R002	Intermediate Auto Body and Fender Repair	4
<b>Total Units</b>		<b>8</b>

Upon successful completion of this program, students will be able to:

- Repair minor dents and cosmetic repairs.
- Repair non-structural body damage.

## Automotive Body and Fender Repair, Associate in Science

The Automotive Body and Fender Repair Associate in Science degree program at Oxnard College prepares students to enter the automotive repair industry as entry-level technicians and provides continuous skills improvement training for employed technicians in the field. The program emphasizes hands-on training in body, fender, collision repair, painting, and automotive graphics so that students have the skills necessary to gain employment in the industry.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
AB R001	Introduction to Automotive Body and Fender Repair	
AB R002	Intermediate Auto Body and Fender Repair	
AB R003	Introduction to Estimating Auto Body Damage	
AB R004	Advanced Auto Body Collision and Damage Repair	
AB R005A	Auto Body Painting and Refinishing I	
AB R005B	Auto Body Painting and Refinishing II	
<b>Select a minimum of one of the following:</b>		<b>2-6</b>
AB R007A	Automotive Graphics	
AB R007B	Advanced Automotive Graphics	
AT R110	Introduction to Automotive Technology	
AT R115	Automotive Electrical Systems	
<b>Total Required Major Units</b>		<b>24-28</b>
Oxnard College General Education Pattern		29
Double-Counted Units		0
Free Electives Required		3-7
<b>Total Units Required for A.S. Degree</b>		<b>60</b>

To complete the Associate Degree, students must meet requirements in the major, general education, competency, units, scholarship, and residency. Refer to Education Pathways - Earn an Associate Degree and the A.A. or A.S. Degree in Specific Majors sections of this catalog.

Year 1		
Fall Semester		Units/Hours
AB R001	Introduction to Automotive Body and Fender Repair	4
AB R005A	Auto Body Painting and Refinishing I	2
GE Area D1 English Composition (choose ENGL R101 or ENGL R101H)		4
GE Area D2/Math competency (choose one course to meet Math competency)		4-6
Recommended: ENGL R101 support course (ENGL R101S or ENGL R101E)		2
<b>Units/Hours</b>		<b>16-18</b>
Spring Semester		
AB R002	Intermediate Auto Body and Fender Repair	4
AB R005B	Auto Body Painting and Refinishing II	4
Auto Body Elective (AB R007A or AT R110 or AT R115)		2-6
GE Area A1 Biological Science (choose one course)		3-5
GE Area E2 Physical Education/Kinesiology (choose one activity course)		1
<b>Units/Hours</b>		<b>14-20</b>
Year 2		
Fall Semester		
AB R003	Introduction to Estimating Auto Body Damage	4
GE Area A2 Physical Science (choose one course)		3-5



GE Area B1 American History/Institutions (choose one course)	3
GE Area C1 Fine/Performing Arts (choose one course)	3
Free Elective (choose one course, 3 units minimum)	3
<b>Units/Hours</b>	<b>16-18</b>
<b>Spring Semester</b>	
AB R004 Advanced Auto Body Collision and Damage Repair	4
GE Area B2 Social and Behavioral Sciences (choose one course)	3
GE Area C2 Humanities (choose one course)	3
GE Area E1 Health Education (choose one course)	3
Free Elective (choose one course)	1-3
<b>Units/Hours</b>	<b>14-16</b>
<b>Total Units/Hours</b>	<b>60-72</b>

Upon successful completion of this program, students will be able to:

- Identify and comprehend environmental safety rules and regulations, in the following areas: shop safety, personal safety, hazardous material safety, air bag safety, respirator safety, welding safety, and power tool and equipment safety.
- Demonstrate the ability to analyze and evaluate various damage areas of a vehicle, including estimating the costs of repair, and identify the safety and proper procedures of repair.
- Demonstrate the skills and knowledge required to repair vehicles in the auto body industry in the following areas: cosmetic repairs, painting spot repair, painting a panel repair, painting a complete car, non-structural body repairs, structural body repair, and fine detailing of a vehicle

## Automotive Body and Fender Repair, Certificate of Achievement

The Automotive Body and Fender Repair Certificate of Achievement at Oxnard College prepares students to enter the automotive repair industry as entry-level technicians and provides continuous skills improvement training for employed technicians in the field. The program emphasizes hands-on training in body, fender, collision repair, painting, and automotive graphics so that students have the skills necessary to gain employment in the industry.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		<b>22</b>
AB R001	Introduction to Automotive Body and Fender Repair	
AB R002	Intermediate Auto Body and Fender Repair	
AB R003	Introduction to Estimating Auto Body Damage	
AB R004	Advanced Auto Body Collision and Damage Repair	
AB R005A	Auto Body Painting and Refinishing I	
AB R005B	Auto Body Painting and Refinishing II	
<b>Select a minimum of one of the following:</b>		<b>2-6</b>
AB R007A	Automotive Graphics	
AB R007B	Advanced Automotive Graphics	
AT R110	Introduction to Automotive Technology	
AT R115	Automotive Electrical Systems	
<b>Total Units Required for the Certificate</b>		<b>24-28</b>

To complete the Certificate of Achievement, students must also meet requirements in scholarship and residency. Refer to Earn a Certificate of Achievement section in this catalog for specific information.

<b>Year 1</b>		
<b>Fall Semester</b>		<b>Units/Hours</b>
AB R001	Introduction to Automotive Body and Fender Repair	4
AB R003	Introduction to Estimating Auto Body Damage	4
AB R005A	Auto Body Painting and Refinishing I	2
Auto Body Elective (AB R007A, AT R110, AT R115)		2-6
<b>Units/Hours</b>		<b>12-16</b>
<b>Spring Semester</b>		
AB R002	Intermediate Auto Body and Fender Repair	4
AB R004	Advanced Auto Body Collision and Damage Repair	4
AB R005B	Auto Body Painting and Refinishing II	4
<b>Units/Hours</b>		<b>12</b>
<b>Total Units/Hours</b>		<b>24-28</b>

Upon successful completion of this program, students will be able to:

- Identify and comprehend environmental safety rules and regulations, in the following areas: shop safety, personal safety, hazardous material safety, air bag safety, respirator safety, welding safety, and power tool and equipment safety.
- Demonstrate the ability to analyze and evaluate various damage areas of a vehicle, including estimating the costs of repair, and identify the safety and proper procedures of repair.
- Demonstrate the skills and knowledge required to repair vehicles in the auto body industry in the following areas: cosmetic repairs, painting spot repair, painting a panel repair, painting a complete car, non-structural body repairs, structural body repair, and fine detailing of a vehicle

## Automotive Graphics, Proficiency Award

The Automotive Graphics Program is a proficiency award that prepares students for positions in the auto body and repair industry as well as other fields that require graphic design skill sets such as paint mixing, customized murals, advanced commercial lettering, advanced outlines and shadowing, and advanced pin-striping.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
AB R007A	Automotive Graphics	2
AB R007B	Advanced Automotive Graphics	2
<b>Total Units</b>		<b>4</b>

Upon successful completion of this program, students will be able to:

- Demonstrate proficiency in the preparation and layout of pin-striping.
- Demonstrate proficiency in advanced level automotive graphics design including color selection.

## Estimating Auto Body Damage & Advanced Repair, Proficiency Award

The Estimating Auto Body Damage & Advanced Repair Program is a proficiency award that prepares students for positions in the auto body

and repair industry in the areas of auto damage analysis and estimating and reconstructing auto bodies, fenders, and external features.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
AB R003	Introduction to Estimating Auto Body Damage	4
AB R004	Advanced Auto Body Collision and Damage Repair	4
<b>Total Units</b>		<b>8</b>

Upon successful completion of this program, students will be able to:

- Demonstrate proficiency in evaluating various damage areas of a vehicle and estimating the repair cost.
- Demonstrate proficiency in structural body repair and frame repair.

## Auto Body Painting and Refinishing, Certificate of Completion

*\*Program was added after publication of catalog. Please see addendum (p. 496) for details.*

The Auto Body Painting and Refinishing Certificate of Completion is a noncredit program that prepares students for positions in the auto body and repair industry in the area of painting and refinishing.

Course ID	Title	Units/ Hours
AB R805A	Auto Body Painting and Refinishing I	70
AB R805B	Auto Body Painting and Refinishing II	140
<b>Total Hours</b>		<b>210</b>
<b>Year 1</b>		
<b>Fall Semester</b>		<b>Units/Hours</b>
AB R805A	Auto Body Painting and Refinishing I	70
		<b>Units/Hours</b>
		70
<b>Spring Semester</b>		
AB R805B	Auto Body Painting and Refinishing II	140
		<b>Units/Hours</b>
		140
		<b>Total Units/Hours</b>
		210

Upon successful completion of this program, students will be able to:

- Demonstrate proficiency in spot painting repair
- Demonstrate proficiency in panel painting repair
- Demonstrate proficiency in complete car painting repair

## Automotive Body and Fender Repair, Certificate of Completion

*\*Program was added after publication of catalog. Please see addendum (p. 496) for details.*

The Automotive Body and Fender Repair Certificate of Completion prepares students to enter the automotive repair industry as entry-level technicians. This noncredit program emphasizes hands-on training in

body, fender, collision repair, and painting, providing students with the necessary skills to gain employment in the industry.

Course ID	Title	Units/ Hours
AB R801	Introduction to Automotive Body and Fender Repair	140
AB R802	Intermediate Auto Body and Fender Repair	140
AB R803	Introduction to Estimating Auto Body Damage	140
AB R804	Advanced Auto Body Collision and Damage Repair	140
AB R805A	Auto Body Painting and Refinishing I	70
AB R805B	Auto Body Painting and Refinishing II	140
<b>Total Hours</b>		<b>770</b>

### Year 1

Fall Semester		Units/Hours
AB R801	Introduction to Automotive Body and Fender Repair	140
AB R803	Introduction to Estimating Auto Body Damage	140
AB R805A	Auto Body Painting and Refinishing I	70
		<b>Units/Hours</b>
		350
Spring Semester		
AB R802	Intermediate Auto Body and Fender Repair	140
AB R804	Advanced Auto Body Collision and Damage Repair	140
AB R805B	Auto Body Painting and Refinishing II	140
		<b>Units/Hours</b>
		420
		<b>Total Units/Hours</b>
		770

Upon successful completion of this program, students will be able to:

- Identify and comprehend environmental safety rules and regulations, in the following areas: shop safety, personal safety, hazardous material safety, air bag safety, respirator safety, welding safety, and power tool and equipment safety.
- Demonstrate the ability to analyze and evaluate various damage areas of a vehicle, including estimating the costs of repair, and identify the safety and proper procedures of repair.
- Demonstrate the skills and knowledge required to repair vehicles in the auto body industry in the following areas: cosmetic repairs, painting spot repair, painting a panel repair, painting a complete car, non-structural body repairs, structural body repair, and fine detailing of a vehicle.

## Automotive Graphics, Certificate of Completion

*\*Program was added after publication of catalog. Please see addendum (p. 496) for details.*

The Automotive Graphics Certificate of Completion is a noncredit program that prepares students for entry level positions as an automotive graphic designer in the auto body and repair industry as well as other fields that require graphic design skill sets such as paint mixing, customized murals, advanced commercial lettering, advanced outlines and shadowing, and advanced pin-stripping.

Course ID	Title	Units/ Hours
AB R807A	Automotive Graphics	70
AB R807B	Advanced Automotive Graphics	70
<b>Total Hours</b>		<b>140</b>
<b>Year 1</b>		
<b>Fall Semester</b>		<b>Units/Hours</b>
AB R807B	Advanced Automotive Graphics	140
		<b>Units/Hours</b>
		<b>140</b>
<b>Spring Semester</b>		
AB R807A	Automotive Graphics	140
		<b>Units/Hours</b>
		<b>140</b>
<b>Total Units/Hours</b>		<b>280</b>

Upon successful completion of this program, students will be able to:

- Demonstrate proficiency in the preparation and layout of pin-striping
- Demonstrate proficiency in advanced level automotive graphics design including color selection

## Automotive Technology

The Automotive Technology program at Oxnard College is designed to prepare students as entry-level technicians for the automotive field. The program also provides improvement training for working automotive technicians dealing with rapidly changing technologies and updated certification exams. Students can complete an Associate of Science Degree or any of the eight Certificates of Achievement offered. Courses include a full range of curriculum for this career: fundamentals and foundations of automotive, automotive electrical, engine performance, brake systems, steering and suspension, heating and air conditioning systems, transmissions, automotive business management, alternative fuel systems, and hybrid and electric vehicle technology.

In addition, students can enter a pathway to becoming a State of California, Bureau of Automotive Repair licensed vehicle Emissions Inspector. The courses are designed to give a student knowledge and hands-on training needed to achieve ASE (Automotive Service Excellence) certification. All courses are taught by ASE certified instructors and the program is certified by NATEF (National Automotive Technicians Educational Foundation).

### AT R088 California Bureau of Automotive Repair Smog License Update Class 1 Unit

*In-Class Hours:* 13.25 lecture, 13.25 laboratory

*Advisories/Rec Prep:* This course is for persons holding a current State of California Smog Inspection Repair License and candidates for the Smog Inspection License, to prepare or to meet minimum 16 hour training requirements by the State of California Bureau of Auto Repair license department

*Enrollment Limitations:* Interview.

This short course will cover selected areas of automotive technology. This course will meet the smog license update training requirements of the State of California, Bureau of Automotive Repair.

**Catalog Notes:** This class is repeatable if legally mandated.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### AT R100 Introduction to Hybrid and Electric Vehicle Technology 3 Units

*In-Class Hours:* 43.75 lecture, 26.25 laboratory

*Prerequisites:* AT R110 and AT R115

*C-ID:* ALTF 100 X

This course explores the use of Hybrid and Electric battery power for vehicle transportation. Topics will include safety when using high voltage, maintenance, drivability, inverter, DC/DC power transfer, and battery technology. Physics of battery storage, hybrid generation systems, Electric vehicle applications and their integrated systems from many manufacturers will be discussed. Hybrid and high voltage service and maintenance procedures. This course will assist the student in passing the L-3 ASE exam.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### AT R102 Introduction to Alternative Fuel Systems 3 Units

*In-Class Hours:* 43.75 lecture, 26.25 laboratory

*Prerequisites:* AT R100

This course covers the theory of operation, installation, testing, troubleshooting, and repair of vehicles powered by gaseous fuels with a focus on Compressed Natural Gas (CNG) as well as an introduction to Liquefied Natural Gas (LNG). Both dedicated and after-market systems will be covered. Gasoline and diesel powered vehicles are discussed with an emphasis on computer-controlled fuel injection. Components are thoroughly examined in this course to include everything from storage up to the injector(s). Successful completion of this course will prepare students for the CNG Inspector's Certification.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**AT R103 Light Duty Electric Vehicles 3 Units***In-Class Hours:* 43.75 lecture, 26.25 laboratory*Prerequisites:* AT R100

This course focuses on light-duty passenger electric vehicles (EVs). It provides a practical introduction to advanced EV designs and propulsion systems. The course includes: EV design and construction; the testing, assembly, operation, and maintenance of EVs; the influence of aerodynamic design; advanced technology batteries, super-capacitors, intelligent charging systems; hydrogen fuel cell technology, and alternative EV drive systems. Successful completion of this course will prepare students for the ASE L3 (Light Duty Hybrid/EV Vehicle Specialist Certification).

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**AT R104 Light Duty Hybrid Vehicles 3 Units***In-Class Hours:* 43.75 lecture, 26.25 laboratory*Prerequisites:* AT R100

This course focuses light-duty passenger hybrid electric vehicles (HEVs). It provides a practical introduction to advanced HEV design and propulsion systems. The course includes: HEV design and construction; the testing, assembly, operation, and maintenance of HEVs; the influence of aerodynamic design; advanced technology batteries, super-capacitors, intelligent charging systems; hydrogen fuel cell technology, and alternative EV drive systems. Successful completion of this course will prepare students for the ASE L3 Light Duty Hybrid/EV Vehicle Specialist Certification.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**AT R110 Introduction to Automotive Technology 6 Units***Formerly:* AT R010; AT R011*In-Class Hours:* 87.5 lecture, 52.5 laboratory*C-ID:* AUTO 110 X

This course is a comprehensive overview of the automobile, basic operation principles and repair procedures. Systems included are ignition, charging, cranking, cooling, fuel, lubrication, brakes, engine operation and front suspension. Students will obtain skills related to, information acquisition and retrieval; writing repair orders and related documents; hardware identification, use and repair; gasket, seal and sealants use; bearing identification & repair; fluid services; wheel & tire service. Outside online safety certifications will be included in the course.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**AT R113 Automotive Engine Performance 6 Units***Formerly:* AT R013L; AT R013; AT R033*In-Class Hours:* 87.5 lecture, 52.5 laboratory*Advisories/Rec Prep:* AT R110

This course provides state-of-the-art training in automobile emission control systems, fuel injection systems, ignition systems, and engine computer controlled operating systems. This course fulfills career training as required by the National Automotive Technicians Education Foundation and California State Smog Inspectors License. The goal of this course is to prepare students for Industry accepted ASE (Automotive Service Excellence) certification. This course will provide students with entry-level automotive technician skills necessary for immediate employment.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**AT R114 Advanced Engine Performance 6 Units***Formerly:* AT R014; AT R014L*In-Class Hours:* 87.5 lecture, 52.5 laboratory*Prerequisites:* AT R113

This advanced course provides technical preparation in the skills required to diagnose engine control management systems of modern vehicles. The L-1 certification by ASE requires the most current knowledge and preparation in the series of tests offered by ASE for automobiles. Students will use manufacturer approved scan tools, lab scopes, digital volt meters and other state-of-the-art test equipment. Systems covered will include the engine management computer control, and other computer control systems (such as the anti-lock brake and supplemental restraint computer systems) and how they interact. Preparation for the ASE L-1 certification in advanced engine performance will be included.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

**AT R115 Automotive Electrical Systems 6 Units**

*Formerly:* AT R015; AT R015L

*In-Class Hours:* 87.5 lecture, 52.5 laboratory

*Advisories/Rec Prep:* AT R110

This course introduces students to automotive electrical system theory and application. Discussion and training include charging and starting, ignition, accessories, and electronics. This course will cover reading wiring diagrams and diagnostics of electrical problems. Labs will provide skills necessary to recognize electrical problems in computer controls and all systems using electricity on vehicles. This course provides vocational preparation and skills required in diagnosis, adjustment, repair and maintenance of the electrical systems of modern automotive vehicles. The course includes practice of electrical service equipment and procedures for the overhaul of electrical components and circuitry in automobiles. Preparation for the Industry ASE A-6 Certificate is included.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**AT R116 Advanced Automotive Electrical and Electronics 3 Units**

*Formerly:* AT R016

*In-Class Hours:* 52.5 lecture

*Prerequisites:* AT R115

*Advisories/Rec Prep:* AT R110

This course is designed for advanced students or technicians in the auto service industry. This course covers various types of electronic systems, ignition systems, computer management, and fuel injection control systems. Students will learn advanced computer diagnostics including proper software updating and repairs to interactive infotainment systems.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**AT R120 Automotive Transmission and Drive Line 6 Units**

*Formerly:* AT R030; AT R030L

*In-Class Hours:* 87.5 lecture, 52.5 laboratory

*Advisories/Rec Prep:* AT R110

*C-ID:* AUTO 120 X

This course provides technical preparation in the basic skills required to diagnose, adjust, repair, and overhaul the automotive transmission and drive line. All phases of transmission diagnosis and repair work will be covered. Quality inspection and reassembly procedures will be stressed. Preparation for the ASE certification is included.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**AT R121 ASE Technician Certification 3 Units**

*Formerly:* AT R020

*In-Class Hours:* 52.5 lecture

*Advisories/Rec Prep:* Employment in the automotive industry or an automotive major

This course is offered to assist employed mechanics and automotive technology students in preparing for the ASE (Automotive Service Excellence) certification examinations. This course will cover nine specific test areas: engine repair, electrical/electronic systems, heating and air conditioning, brakes, suspension and steering, automatic transmission/transaxle, manual drive train and axles, engine performance, and advanced engine performance specialist.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**AT R126 Automotive Engine Repair 6 Units**

*Formerly:* AT R026; AT R026L

*In-Class Hours:* 87.5 lecture, 52.5 laboratory

*Advisories/Rec Prep:* AT R110

This course provides technical preparation in the basic skills required to diagnose, adjust, repair, and overhaul the automotive internal combustion engine. All phases of machine work will be covered. Quality inspection and reassembly procedures will be stressed. Preparation for the ASE certification is included.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**AT R140 Automotive Steering and Suspension 6 Units**

*Formerly:* AT R050

*In-Class Hours:* 87.5 lecture, 52.5 laboratory

*Advisories/Rec Prep:* AT R110 and AT R115

*C-ID:* AUTO 140 X

This course is for the automotive student who wants to understand automotive steering and suspension systems. This course provides the technical skills and preparation required in diagnosis, adjustment, replacement and repair of all types of suspension systems commonly used in the automotive industry. Factory type scan tools will be used for interaction with the vehicle steering and suspension control systems. Skills used for diagnosing body computer systems will be taught as part of the course. Preparation for the ASE certification exam is included. Preparation for the ASE certification exam is included.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None



**AT R148 Smog Check Procedures 3 Units***Formerly:* AT R048*In-Class Hours:* 52.5 lecture*Advisories/Rec Prep:* AT R113

This course will provide students with the knowledge, skills, and abilities needed to perform smog check inspections. Students who successfully complete this course will have met the California Bureau of Automotive Repair's training requirements to qualify to sit for the smog check inspector licensing examination.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**AT R150 Automotive Braking Systems 6 Units***Formerly:* AT R018; AT R018L*In-Class Hours:* 87.5 lecture, 52.5 laboratory*Advisories/Rec Prep:* AT R110 and AT R115*C-ID:* AUTO 150 X

This course is for the student who wants to understand automotive braking systems, including hydraulic and friction principles. This course will study drum and disc brake systems learning how the systems function. The course includes hands on practice and completing tasks directly related to braking systems. The course will cover computerized anti-lock brake controls giving students skills in diagnosis and repair. Preparation for the ASE A-5 certification test is included.

**Catalog Notes:** A Certificate of Achievement is possible with additional courses.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**AT R161 Automotive Business Management 6 Units***Formerly:* AT R060*In-Class Hours:* 87.5 lecture, 52.5 laboratory

This course covers the automotive service management operations of an automotive business/dealership as related to service advisor/manager by focusing on the repair order as a legal document, appointment systems, telephone skills, communication strategies, product knowledge, selling skills, customer service, warranties, and cost reduction methods.

Successful completion of the class will prepare students for the ASE Automobile Service Consultant (C1) Exam.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**AT R170 Automotive Air Conditioning 3 Units***In-Class Hours:* 35 lecture, 52.5 laboratory*Advisories/Rec Prep:* AT R110*C-ID:* AUTO 170 X

This course provides a comprehensive study of the principles of operation and theory of automotive air conditioning. This course offers a study of design features of each manufacturer to include servicing, troubleshooting, diagnosis and system repair. Students will be given practical skills for servicing, repair, and diagnosis.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

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- Automotive Air Conditioning Service, Certificate of Achievement (p. 210)
- Automotive Brake Systems, Certificate of Achievement (p. 211)
- Automotive Emissions Systems, Certificate of Achievement (p. 211)
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- Automotive Transmission and Driveline Systems, Certificate of Achievement (p. 214)

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## Automotive Air Conditioning Service, Certificate of Achievement

The Certificate of Achievement in Automotive Air Conditioning Service prepares students for entry-level employment in automotive air conditioning repair or as preparation for master technician status. Students will gain valuable hands-on experience in servicing, repair and diagnosis of automotive air conditioning systems. The Refrigerant Handlers Certification Examination given by International Mobile Air Conditioning Society (IMAC) is included in this training. The use of precision equipment and specialty tools is emphasized. Students are encouraged to take the Automotive Service Excellence (ASE) Exam for Heating and Air Conditioning (A7). The curriculum of the program is NATEF approved.

Course ID	Title	Units/ Hours
<b>Required Core Courses:</b>		
AT R110	Introduction to Automotive Technology	6
AT R115	Automotive Electrical Systems	6
AT R170	Automotive Air Conditioning	3
<b>Total Units</b>		<b>15</b>

Year 1		
Fall Semester		Units/Hours
AT R110	Introduction to Automotive Technology	6
AT R115	Automotive Electrical Systems	6
<b>Units/Hours</b>		<b>12</b>
Year 2		
Fall Semester		Units/Hours
AT R170	Automotive Air Conditioning	3
<b>Units/Hours</b>		<b>3</b>
<b>Total Units/Hours</b>		<b>15</b>

Upon successful completion of this program, students will be able to:

- Apply automotive heating and air conditioning systems theories of operation to practical diagnostic scenarios encountered during automotive heating and air conditioning service repairs.
- Demonstrate the proper set up and operation of automotive air conditioning systems refrigerant identification, recovery and recharging equipment.
- Practice skill necessary to obtain the United States Clean Air Act Section 609 Certification through examination from the International Mobile Air Conditioning Society (IMAC).
- Diagnose and repair or replace HVAC systems and components.
- Comply with personal and environmental safety practices in accordance with applicable safety and environmental regulations.
- Integrate and analyze online service data, written repair material and technical service bulletins to repair and service a vehicle.
- Demonstrate proficiency in the use of specialized automotive service tools, electronic diagnostic equipment and basic hand tools.
- Demonstrate the use and care of basic automotive tools and equipment.

## Automotive Brake Systems, Certificate of Achievement

The Certificate of Achievement in Automotive Brake Systems is designed to prepare students to enter the automotive industry working as a technician in the diagnosis and repair of brake and brake systems. Students in this program are trained to work on drum and disc braking systems, parking brakes and many hydraulic systems. Students learn to inspect, adjust, remove, repair and reinstall brake shoes, disc pads, drums, rotors, wheel and master cylinders, and hydraulic fluid lines. The additional labs and tasks needed to complete the course also allow students to diagnose failing systems and repair them properly using procedures and tools required by employers. Students will be exposed to and able to earn a car brake rotor resurfacing certification through PRO CUT. This is an industry standard on car lathe many dealerships own and operate. The student will also practice the skills and develop the test taking skills to pass the ASE A5 Brake certificate exam. Students will also be ready to take the California State Brake Inspectors licensing exam, one of just a few Automotive State level certifications.

Course ID	Title	Units/Hours
<b>Required Core Courses:</b>		
AT R110	Introduction to Automotive Technology	6
AT R115	Automotive Electrical Systems	6

Course ID	Title	Units/Hours
AT R150	Automotive Braking Systems	6
<b>Total Units</b>		<b>18</b>
Year 1		
Fall Semester		Units/Hours
AT R110	Introduction to Automotive Technology	6
AT R115	Automotive Electrical Systems	6
<b>Units/Hours</b>		<b>12</b>
Year 2		
Fall Semester		Units/Hours
AT R150	Automotive Braking Systems	6
<b>Units/Hours</b>		<b>6</b>
<b>Total Units/Hours</b>		<b>18</b>

Upon successful completion of this program, students will be able to:

- Diagnose and repair or replace brake systems and components.
- Comply with personal and environmental safety practices in accordance with applicable safety and environmental regulations.
- Integrate and analyze online service data, written repair material and technical service bulletins to repair and service a vehicle.
- Demonstrate proficiency in the use of specialized automotive service tools, electronic diagnostic equipment and basic hand tools.
- Demonstrate the use and care of basic automotive tools and equipment.

## Automotive Emissions Systems, Certificate of Achievement

The Certificate of Achievement in Automotive Emissions Systems provides training on vehicle emission systems, including their basic operation, function, service, and maintenance. The systems include on-board diagnostics (OBD I and OBD II), engine, exhaust, and fuel emission systems. This certificate is designed to prepare students to become employees for entry-level positions at local automotive dealerships, independent repair facilities, national repair chains, fleets, and parts suppliers. The applicable courses are National Automotive Technicians Education Foundation (NATEF) compliant. Oxnard College is a Bureau of Automotive Repair Certified Training Institution for the SMOG courses and houses the State referee. This coursework allows students to apply for the California Bureau of Auto Repair Smog Technician license that allows an individual to inspect and certify emission control systems on vehicles subject to the smog check program at licensed stations in all areas of the state. A student earning this certificate and the California Smog inspectors license will more likely be hired at a higher wage due to their acquired skill and training.

Course ID	Title	Units/Hours
<b>Required Core Courses:</b>		
AT R110	Introduction to Automotive Technology	6
AT R115	Automotive Electrical Systems	6
AT R113	Automotive Engine Performance	6
AT R148	Smog Check Procedures	3
<b>Total Units</b>		<b>21</b>

Year 1		
Fall Semester		Units/Hours
AT R110	Introduction to Automotive Technology	6
AT R115	Automotive Electrical Systems	6
<b>Units/Hours</b>		<b>12</b>
Spring Semester		
AT R113	Automotive Engine Performance	6
<b>Units/Hours</b>		<b>6</b>
Year 2		
Fall Semester		Units/Hours
AT R148	Smog Check Procedures	3
<b>Units/Hours</b>		<b>3</b>
<b>Total Units/Hours</b>		<b>21</b>

Upon successful completion of this program, students will be able to:

- Diagnose and repair or replace engine, exhaust, and fuel emission systems.
- Comply with personal and environmental safety practices in accordance with applicable safety and environmental regulations.
- Integrate and analyze online service data, written repair material and technical service bulletins to repair and service a vehicle.
- Demonstrate proficiency in the use of specialized automotive service tools, electronic diagnostic equipment and basic hand tools.
- Demonstrate the use and care of basic automotive tools and equipment.

## Automotive Engine Performance, Certificate of Achievement

The Certificate of Achievement in Automotive Engine Performance prepares the student for entry-level employment as a diagnostician or for beginning Smog Inspector training. Students will gain valuable hands-on experience in diagnosing and repairing automotive engine driveability problems. Fuel injection, ignition and emission systems testing, and applicable laws will also be covered. Use of precision equipment including lab scopes, engine and emission analyzers and other specialty tools is emphasized. Students are encouraged to take the Automotive Service Excellence (ASE) Exam for Engine Performance (A8) Professional Examinations. This curriculum is National Automotive Technicians Education Foundation (NATEF) approved.

Course ID	Title	Units/Hours
<b>Required Core Courses:</b>		
AT R110	Introduction to Automotive Technology	6
AT R113	Automotive Engine Performance	6
AT R114	Advanced Engine Performance	6
AT R115	Automotive Electrical Systems	6
<b>Total Units</b>		<b>24</b>
Year 1		
Fall Semester		Units/Hours
AT R110	Introduction to Automotive Technology	6
AT R115	Automotive Electrical Systems	6
<b>Units/Hours</b>		<b>12</b>
Spring Semester		
AT R113	Automotive Engine Performance	6
<b>Units/Hours</b>		<b>6</b>

Year 2		
Fall Semester		Units/Hours
AT R114	Advanced Engine Performance	6
<b>Units/Hours</b>		<b>6</b>
<b>Total Units/Hours</b>		<b>24</b>

Upon successful completion of this program, students will be able to:

- Diagnose and repair or replace steering and suspension systems and components.
- Comply with personal and environmental safety practices in accordance with applicable safety and environmental regulations.
- Integrate and analyze online service data, written repair material and technical service bulletins to repair and service a vehicle.
- Demonstrate proficiency in the use of specialized automotive service tools, electronic diagnostic equipment and basic hand tools.
- Demonstrate the use and care of basic automotive tools and equipment.

## Automotive Service Advising, Certificate of Achievement

The Certificate of Achievement in Automotive Service Advising prepares students for a position as a service advisor in the automotive industry. This certificate combines mechanical knowledge and customer skills and is a critical position in any automotive shop. An automotive service advisor is at the forefront of an auto repair shop. It is the service advisor who deals with customers upon their arrival and departure. A career as a service advisor places an individual in a position of authority. It also combines competitive pay and a unique job experience that may provide a sense of security for years to come. The service provided by a service advisor includes making customers fully aware of every kind of service that has been performed on their vehicles. Communication between the service advisor and customer is critical to keeping the customer fully informed and content. Students will learn and practice these skills in class and may observe, through additional coursework, a service advisor at work during job shadowing. Students will be prepared to take the C2 ASE for a Certificate as a Service Consultant through our accreditation organization.

Course ID	Title	Units/Hours
<b>Required Core Courses:</b>		
AT R110	Introduction to Automotive Technology	6
AT R161	Automotive Business Management	6
<b>Total Units</b>		<b>12</b>
Year 1		
Fall Semester		Units/Hours
AT R110	Introduction to Automotive Technology	6
<b>Units/Hours</b>		<b>6</b>
Spring Semester		
AT R161	Automotive Business Management	6
<b>Units/Hours</b>		<b>6</b>
<b>Total Units/Hours</b>		<b>12</b>

Upon successful completion of this program, students will be able to:

- Demonstrate excellent customer service skills.
- Comply with personal and environmental safety practices in accordance with applicable safety and environmental regulations.
- Integrate and analyze online service data, written repair material and technical service bulletins to repair and service a vehicle.
- Demonstrate proficiency in the use of specialized automotive service tools, electronic diagnostic equipment and basic hand tools.
- Demonstrate the use and care of basic automotive tools and equipment.

## Automotive Steering and Suspension, Certificate of Achievement

The Certificate of Achievement in Automotive Steering and Suspension provides students with the technical knowledge and skills needed for entry-level technician jobs in the automotive industry specializing in the area of steering and suspension. Upon completion of the coursework in this certificate, students will be prepared to take the National Institute for Automotive Service Excellence (ASE) A4 Steering and Suspension Certification exam. The ASE Suspension & Steering (A4) certification exam assesses the knowledge and skills related to: steering systems diagnosis and repair; suspensions systems diagnosis and repair; wheel alignment diagnosis, adjustment, and repair; and wheel and tire diagnosis and service.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
AT R110	Introduction to Automotive Technology	6
AT R115	Automotive Electrical Systems	6
AT R140	Automotive Steering and Suspension	6
<b>Total Units</b>		<b>18</b>
<b>Year 1</b>		
<b>Fall Semester</b>		<b>Units/Hours</b>
AT R110	Introduction to Automotive Technology	6
AT R115	Automotive Electrical Systems	6
<b>Units/Hours</b>		<b>12</b>
<b>Spring Semester</b>		
AT R140	Automotive Steering and Suspension	6
<b>Units/Hours</b>		<b>6</b>
<b>Total Units/Hours</b>		<b>18</b>

Upon successful completion of this program, students will be able to:

- Diagnose and repair or replace steering and suspension systems and components.
- Comply with personal and environmental safety practices in accordance with applicable safety and environmental regulations.
- Integrate and analyze online service data, written repair material and technical service bulletins to repair and service a vehicle.
- Demonstrate proficiency in the use of specialized automotive service tools, electronic diagnostic equipment and basic hand tools.
- Demonstrate the use and care of basic automotive tools and equipment.

## Automotive Technology, Associate in Science

The Associate of Science in Automotive Technology Degree prepares students as entry-level technicians for the automotive field. This degree will provide students with the skills and knowledge necessary to successfully perform diagnosis and repair in the automotive shop environment, using a combination of classroom and hands-on shop experiences. Students will be prepared to pass National Institute for Automotive Service Excellence (ASE) Certification tests and will also be able to earn Certificates of Achievement as they complete coursework on their path to earning this Associate degree. This program will also provide students with an articulated pathway to the Bachelor's of Science Degree in Automotive Technology at Rio Hondo College should they wish to continue their education. All courses included in this program are aligned with C-ID to ensure student transfer and portability.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
AT R110	Introduction to Automotive Technology	6
AT R113	Automotive Engine Performance	6
AT R115	Automotive Electrical Systems	6
AT R116	Advanced Automotive Electrical and Electronics	3
AT R140	Automotive Steering and Suspension	6
AT R150	Automotive Braking Systems	6
<b>Total Required Units</b>		<b>33</b>
Oxnard College General Education Pattern		29
Double-Counted Units		0
Degree-Applicable Electives (needed to reach the 60 units)		0
<b>Total Units</b>		<b>62</b>
<b>Additional Elective Courses Available:</b>		
AT R120	Automotive Transmission and Drive Line	6
AT R100	Introduction to Hybrid and Electric Vehicle Technology	3
AT R102	Introduction to Alternative Fuel Systems	3
AT R103	Light Duty Electric Vehicles	3
AT R104	Light Duty Hybrid Vehicles	3
AT R114	Advanced Engine Performance	6
AT R121	ASE Technician Certification	3
AT R126	Automotive Engine Repair	6
AT R148	Smog Check Procedures	3
AT R161	Automotive Business Management	6
AT R170	Automotive Air Conditioning	3

To complete the Associate Degree, students must meet requirements in the major, general education, competency, units, scholarship, and residency. Refer to Earn an Associate Degree and the A.A. or A.S. Degree in Specific Majors sections of this catalog.

<b>Year 1</b>		<b>Units/Hours</b>
<b>Fall Semester</b>		
AT R110	Introduction to Automotive Technology	6
AT R115	Automotive Electrical Systems	6
<b>Units/Hours</b>		<b>12</b>

Spring Semester		
AT R116	Advanced Automotive Electrical and Electronics	3
AT R140	Automotive Steering and Suspension	6
<b>Units/Hours</b>		<b>9</b>
Year 2		
Fall Semester		
AT R113	Automotive Engine Performance	6
AT R150	Automotive Braking Systems	6
<b>Units/Hours</b>		<b>12</b>
<b>Total Units/Hours</b>		<b>33</b>

Upon successful completion of this program, students will be able to:

- Comply with personal and environmental safety practices in accordance with applicable safety and environmental regulations.
- Integrate and analyze online service data, written repair material and technical service bulletins to repair and service a vehicle.
- Demonstrate proficiency in the use of specialized automotive service tools, electronic diagnostic equipment and basic hand tools.
- Demonstrate the use and care of basic automotive tools and equipment.
- Diagnose and repair or replace brake systems and components.
- Diagnose and repair or replace drivability systems and components.
- Diagnose and repair or replace steering and suspension systems and components.
- Read and interpret automotive electrical wiring diagrams to aid in the diagnosis of automotive electrical problems.

## Automotive Technology, Certificate of Achievement

The Certificate of Achievement in Automotive Technology prepares students as entry-level technicians for the automotive field. This certificate will provide students with the skills and knowledge necessary to successfully perform diagnosis and repair in the automotive shop environment, using a combination of classroom and hands-on shop experiences. Students will be prepared to pass National Institute for Automotive Service Excellence (ASE) Certification tests including A1 Engine Repair, A4 Suspension and Steering, A5 Brakes, A6 Electrical/Electronic Systems, A8 Engine Performance and G1 General service technician.

Course ID	Title	Units/Hours
Required Core Courses		
AT R110	Introduction to Automotive Technology	6
AT R113	Automotive Engine Performance	6
AT R115	Automotive Electrical Systems	6
AT R116	Advanced Automotive Electrical and Electronics	3
AT R140	Automotive Steering and Suspension	6
AT R150	Automotive Braking Systems	6
<b>Total Units</b>		<b>33</b>

To complete the Certificate of Achievement, students must also meet requirements in scholarship and residency. Refer to Earn a Certificate of Achievement section in this catalog for specific information.

Year 1		
Fall Semester		
AT R110	Introduction to Automotive Technology	6
AT R115	Automotive Electrical Systems	6
<b>Units/Hours</b>		<b>12</b>
Spring Semester		
AT R116	Advanced Automotive Electrical and Electronics	3
AT R140	Automotive Steering and Suspension	6
<b>Units/Hours</b>		<b>9</b>
Year 2		
Fall Semester		
AT R113	Automotive Engine Performance	6
AT R150	Automotive Braking Systems	6
<b>Units/Hours</b>		<b>12</b>
<b>Total Units/Hours</b>		<b>33</b>

Upon successful completion of this program, students will be able to:

- Comply with personal and environmental safety practices in accordance with applicable safety and environmental regulations.
- Integrate and analyze online service data, written repair material and technical service bulletins to repair and service a vehicle.
- Demonstrate proficiency in the use of specialized automotive service tools, electronic diagnostic equipment and basic hand tools.
- Demonstrate the use and care of basic automotive tools and equipment.
- Diagnose and repair or replace brake systems and components.
- Diagnose and repair or replace drivability systems and components.
- Diagnose and repair or replace steering and suspension systems and components.
- Read and interpret automotive electrical wiring diagrams to aid in the diagnosis of automotive electrical problems.

## Automotive Transmission and Driveline Systems, Certificate of Achievement

The Certificate of Achievement in Automotive Transmission and Driveline Systems provides training required to diagnose, adjust, repair, and overhaul the automotive transmission and drive line. Torque converter operations, transmission lubrication and cooling systems, pressure gauges, and electrical circuits will also be covered. Use of precision equipment including a digital volt/ohm meter, automotive hardware fasteners, and other specialty tools are emphasized. This certificate prepares graduates to enter the workforce as entry-level drivetrain specialists in facilities including engine repair, transmission repair and driveline repair.

Course ID	Title	Units/Hours
Required Core Courses:		
AT R110	Introduction to Automotive Technology	6
AT R115	Automotive Electrical Systems	6
AT R120	Automotive Transmission and Drive Line	6
AT R126	Automotive Engine Repair	6
<b>Total Units</b>		<b>24</b>



Year 1		Units/Hours
<b>Fall Semester</b>		
AT R110	Introduction to Automotive Technology	6
AT R115	Automotive Electrical Systems	6
<b>Units/Hours</b>		<b>12</b>
<b>Spring Semester</b>		
AT R120	Automotive Transmission and Drive Line	6
<b>Units/Hours</b>		<b>6</b>
<b>Year 2</b>		
<b>Fall Semester</b>		
AT R126	Automotive Engine Repair	6
<b>Units/Hours</b>		<b>6</b>
<b>Total Units/Hours</b>		<b>24</b>

Upon successful completion of this program, students will be able to:

- Diagnose and repair or replace driveline systems and components.
- Comply with personal and environmental safety practices in accordance with applicable safety and environmental regulations.
- Integrate and analyze online service data, written repair material and technical service bulletins to repair and service a vehicle.
- Demonstrate proficiency in the use of specialized automotive service tools, electronic diagnostic equipment and basic hand tools.
- Demonstrate the use and care of basic automotive tools and equipment.

## Biological Sciences

Biology is the study of living organisms from those composed of one cell to those made of trillions of cells and everything in between, including bacteria, mushrooms, humans, other animals, and plants. Biology majors also receive a strong foundation in other science fields, as these are relevant to living organisms. For example, all living things are made of molecules. So to understand how these molecules will interact in living organisms, biology majors will receive a foundation in chemistry. Students in the biology program at Oxnard College will learn about the diversity of living organisms and will become skilled in laboratory techniques. Various career options in biology will also be explored.

The Associate in Science in Biology for Transfer (AS-T) is recommended for those students planning to transfer to a California State University school as it provides certain guarantees upon transfer. The AS-T in Biology is also recommended for students planning to transfer to the University of California or other four-year institution as a biology major as it will meet the majority of their lower-division degree requirements. See a counselor for more information regarding the specific degree requirements for your transfer institution and assist.org (<https://assist.org>). For students interested in the wonder of the living world, the Oxnard College Biology program is the place to be.

### University of California Credit Limitation on Transfer of Biology Courses

The UC will give credit for *only one* Biology series:

Course ID	Title	Units/Hours
BIOL R101 & R101L	General Biology and General Biology Laboratory <sup>1</sup>	4
or		

BIOL R120 & R120L	Principles of Biology I and Principles of Biology I Lab: Intro to Cellular and Molecular Biology	5
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#### 1

No credit will be given for BIOL R101 + BIOL R101L if taken *after* BIOL R120 + BIOL R120L.

**NOTE:** The UC limits enrollment in some courses. See Overview tab for more information.

## Anatomy Courses

### ANAT R101 General Human Anatomy 4 Units

*Formerly:* ANAT 100

*In-Class Hours:* 35 lecture, 105 laboratory

*Prerequisites:* BIOL R101 or BIOL R101H; and BIOL R101L; and MATH R005 or MATH R015; and ENGL R097 or eligibility for ENGL R101 as determined by the college's multiple measures assessment process  
*C-ID:* BIOL 110B

This course is organized into two parts: lecture and laboratory. The lecture portion is an introduction to gross anatomy as well as organization and histology of human organ systems. The laboratory portion reinforces the lecture material and consists of hands-on experiments and demonstrations used to illustrate the principles and concepts of anatomy. These include but are not limited to microscope use, model and specimen examination, dissection of the cat as well as other livestock organs and demonstration of the dissected human cadaver. This course meets the requirements of students anticipating transfer to university, medical school, dental school, holistic medicine, kinesiology programs and other health care certificated programs.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B2, B3

**IGETC:** 5B, 5C

## Biology Courses

### BIOL R100 Marine Biology 3 Units

*Same-As:* MST R100

*In-Class Hours:* 52.5 lecture

*Advisories/Rec Prep:* READ R095 or ESL R095 and ENGL R097 or ENGL R100 or ENGL R101

This course provides an introduction to the diversity of marine organisms and the physical and biological processes that influence their life history, behavior, distribution, and anatomical structure. Topics also address the interactions of these organisms and processes in a variety of habitats, marine ecology, and marine conservation.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B2

**IGETC:** 5B

**BIOL R100L Marine Biology Laboratory 1 Unit***Same-As:* MST R100L*In-Class Hours:* 52.5 laboratory*Prerequisites:* BIOL R100 or concurrent enrollment*Advisories/Rec Prep:* READ R095 or ESL R095 and ENGL R097 or ENGL R100 or ENGL R101

This laboratory course provides an introduction to the diversity of marine organisms and the physical and biological processes that influence their structure, life history, and behavior.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B3**IGETC:** 5C**BIOL R101 General Biology 3 Units***In-Class Hours:* 52.5 lecture*Advisories/Rec Prep:* BIOL R101L or concurrent enrollment; ENGL R095 and ENGL R097 or ENGL R100 or ENGL R101 or ENGL R101H or concurrent enrollment

This course is an introduction to the science of life, cell biology, metabolism, diet, genetics, evolution and ecology and will include current issues and news on these topics. Credit will not be awarded for both the regular and honors versions of a course. Credit will be awarded only for the first course completed with a grade of C or better or "P".

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B2**IGETC:** 5B**BIOL R101H Honors: General Biology 3 Units***In-Class Hours:* 52.5 lecture*Advisories/Rec Prep:* ENGL R095 and ENGL R097 or ENGL R100 or ENGL R101 or ENGL R101H; concurrent enrollment in BIOL R101L

This course is an introduction to the science of life, cell biology, metabolism, diet, genetics, evolution and ecology and will include current issues and news on these topics. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications, and enrichment opportunities. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of C or better or "P".

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B2**IGETC:** 5B**BIOL R101L General Biology Laboratory 1 Unit***In-Class Hours:* 52.5 laboratory*Prerequisites:* BIOL R101 or BIOL R101H or concurrent enrollment*Advisories/Rec Prep:* MATH R005 or MATH R015

This is a laboratory course designed to be taken in conjunction with BIOL R101 as an introduction to biology laboratory practices for non-majors as well as those considering majoring in Biology. The laboratory exercises cover the scientific method, basic biochemistry, microscopy, cellular organization, cellular energy transformation, cellular reproduction, genetics, and evolution.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B3**IGETC:** 5C**BIOL R120 Principles of Biology I 4 Units***In-Class Hours:* 70 lecture*Prerequisites:* CHEM R120 and MATH R005 or MATH R015*Advisories/Rec Prep:* ENGL R097 or ENGL R100 or ENGL R101

The first semester of biology for majors introduces the student to principles of cellular and molecular biology. Knowledge from a breadth of disciplines related to health, medical and research science careers is examined including: biochemistry, metabolism, molecular biology, genetics, cellular biology, recombinant DNA, developmental biology, microbiology and molecular evolution. While the diversity of life is surveyed, an emphasis is placed on the biology worldview derived from experimental data of specific model genera, animal cell culture systems and prokaryotic/eukaryotic viruses. The method of generating hypothesis based research results and the role of paradigms in advancing biological science theory are examined.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B2**IGETC:** 5B**BIOL R120L Principles of Biology I Lab: Intro to Cellular and Molecular Biology 1 Unit***In-Class Hours:* 52.5 laboratory*Prerequisites:* BIOL R120 or concurrent enrollment*C-ID:* BIOL 190

This is a laboratory course designed to complement the BIOL R120 lecture course, the first course in the series of biology courses for majors. The current methods employed by investigators in the biological sciences are presented. These include, but are not limited to microscopy, differential centrifugation, chromatography, electrophoresis, spectrophotometry, recombinant DNA methods and PCR.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B3**IGETC:** 5C

**BIOL R122 Principles of Biology II 4 Units**

*In-Class Hours:* 70 lecture

*Prerequisites:* MATH R005 or MATH R015; BIOL R120 and BIOL R120L; ENGL R097 or ENGL R100; or ENGL R101 or ENGL R101H or concurrent

This course, intended for biology majors, includes a survey of the basic biology and diversity of unicellular and multicellular organisms and examines the basic principles governing evolution of organisms and interactions between organisms and the environment. It emphasizes general biological principles, classification, structure, function and evolutionary adaptations of organisms (including plants, fungi, animals, and unicellular organisms) to their environments, and ecological principles.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B2

**IGETC:** 5B

**BIOL R122L Principles of Biology II Laboratory 1 Unit**

*In-Class Hours:* 52.5 laboratory

*Prerequisites:* BIOL R122 or concurrent

*C-ID:* BIOL 140, BIOL 135 S

This course, intended for biology majors, is a survey of the diversity of unicellular and multicellular organisms, their anatomy, functional morphology, physiology, development, and interactions with each other and their environment.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B3

**IGETC:** 5C

**BIOL R155 Principles of Botany 3 Units**

*In-Class Hours:* 52.5 lecture

*Prerequisites:* BIOL R101 or BIOL R120 and MATH R005 or MATH R015

This course is intended for biology majors and covers comparative diversity, structure, and function of plants. Topics include development, morphology and physiology, taxonomy and systematics. Principles of population and community ecology and ecosystem interactions are emphasized.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B2

**IGETC:** 5B

**BIOL R155L Principles of Botany Laboratory 1 Unit**

*In-Class Hours:* 52.5 laboratory

*Prerequisites:* BIOL R155 or concurrent enrollment

*C-ID:* BIOL 155

This course involves laboratory and field studies of the characteristics and relationships of selected plants from the major divisions.

Students will learn the principles of taxonomy, and will gain practice in identification of species by means of keys. This course will offer an introduction to the basic experimental techniques and instrumentation used in the investigation of plant physiology.

**Grade Modes:** Letter Graded

**Field Trips:** Will be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B3

**IGETC:** 5C

**BIOL R170 Biological Marine Resource Management 1 Unit**

*Same-As:* MST R170

*In-Class Hours:* 52.5 laboratory

*Corequisites:* GEOL R178 or MST R178

This field course is an introduction to topics in marine biology related to current resource management issues in this region. Trips to natural areas where biological, geological, and oceanographic resources can be observed will be combined with related information about resource management at the federal, state, and local levels.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** Will be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**BIOL R199 Directed Studies in Biology Related Topics 1-3 Units**

*In-Class Hours:* 52.5-157.5 laboratory

*Prerequisites:* BIOL R100 and BIOL R100L; or BIOL R101 and BIOL R101L; or, MST R100 and MST R100L; or, BIOL R120 and BIOL R120L

Designed for students interested in furthering their knowledge of Biology on an independent study basis. These studies may require a combination of laboratory and library research. Project findings will be presented in a scientific poster format, video, protocol or research publication.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

## Microbiology Courses

### MICR R100 Principles of Microbiology 3 Units

*In-Class Hours:* 52.5 lecture

*Prerequisites:* MATH R005 or MATH R015 and CHEM R104 (or higher) and ANAT R101 and PHSO R101 and BIOL R101 or BIOL R101H or BIOL R120

*Advisories/Rec Prep:* ENGL R101

This course is an introduction to the structure, metabolic activities, utility and pathogenicity of bacteria, fungi, algae, protozoa and viruses. The topics will include distribution, metabolism, molecular genetics, biotechnology, immunity, cancer, probiotics and the physical/chemical methods used in control of microbes and cellular pathogens. The principles of disease transmission, prevention and immunity will also be presented. The diversity of the microbial world and its applications to improving human health and quality of life are emphasized.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B2

**IGETC:** 5B

### MICR R100L Principles of Microbiology Laboratory 2 Units

*In-Class Hours:* 105 laboratory

*Prerequisites:* MICR R100 or concurrent enrollment

This course is an introduction to the structure, metabolic activities, utility and pathogenicity of bacteria, fungi, algae, protozoa and viruses. The topics will include distribution, metabolism, molecular genetics, biotechnology, immunity, cancer, probiotics and the physical/chemical methods used in control of microbes and cellular pathogens. The principles of disease transmission, prevention and immunity will also be presented. The diversity of the microbial world and its applications to improving human health and quality of life are emphasized.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B3

**IGETC:** 5C

## Physiology Courses

### PHSO R101 Human Physiology 5 Units

*In-Class Hours:* 52.5 lecture, 105 laboratory

*Prerequisites:* ANAT R101 and CHEM R104 or CHEM R110 and ENGL R097 and MATH R005 or MATH R015 or placement as determined by the college's multiple measures assessment process

*C-ID:* BIOL 120B

This course emphasizes principles of cellular and systemic functions of the human body. Lecture topics include scientific method, basic inorganic and organic chemistry, solute as well as water transport and balance, homeostatic mechanisms, and functions of the major organ systems. This course emphasizes demonstrations and techniques of commonly utilized laboratory equipment. Laboratory topics will primarily consist of analysis, interpretation and evaluation of data gathered relating to homeostatic mechanisms, functions of the major organ systems and disease. Experiments reinforce material presented in lecture.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B2, B3

**IGETC:** 5B, 5C

- Biology, Associate in Science for Transfer (p. 218)

*For more information contact:*

Department Chair

**Dr. Shannon Newby (805) 678-5050** [snewby@vcccd.edu](mailto:snewby@vcccd.edu)

## Biology, Associate in Science for Transfer

The Associate in Science in Biology for Transfer degree (AS-T in Biology) is intended for students who plan to complete a bachelor's degree in a "similar" major at a CSU campus. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, although not necessarily to a particular CSU campus or major.

To earn an AS-T in Biology, students must:

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 35 semester units in the Biology major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.

- Obtain a grade of “C” or better or “P” in all courses required in the major. Even though a “pass-no-pass” is allowed (Title 5 section 55063), it is highly recommended that students complete their major courses with a letter grade.
- Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that accepts the AS-T in Biology will be required to complete no more than 60 units after transfer to earn a bachelor’s degree (unless the major is a designated “high unit” major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		<b>10</b>
BIOL R120	Principles of Biology I	
BIOL R120L	Principles of Biology I Lab: Intro to Cellular and Molecular Biology	
BIOL R122	Principles of Biology II	
BIOL R122L	Principles of Biology II Laboratory	
<b>List A - Complete all of the following courses:</b>		<b>15</b>
CHEM R120	General Chemistry I	
CHEM R122	General Chemistry II	
MATH R120	Calculus with Analytic Geometry I	
<b>Select one Physics sequence:</b>		<b>10</b>
Sequence 1:		
PHYS R101	College Physics 1	
PHYS R101L	College Physics 1 Laboratory	
PHYS R102	College Physics 2	
PHYS R102L	College Physics 2 Laboratory	
Sequence 2:		
PHYS R131	Physics for Scientists and Engineers 1	
PHYS R132	Physics for Scientists and Engineers 2	
Sequence 3:		
PHYS R121	Physics with Calculus 1	
PHYS R122	Physics with Calculus 2	
<b>Total Required Major Units</b>		<b>35</b>
CSU General Education Breadth *		33
Double-Counted Units		- 9
Free Electives Required		1
<b>Total Units Required for AS-T Degree</b>		<b>60</b>
OR		
<b>IGETC for STEM Pattern</b>		<b>31</b>
Double-Counted Units		- 7
Free Elective Required		1
<b>Total Units Required for AS-T Degree</b>		<b>60</b>

\* This AS-T presumes completion of CSU GE-Breadth or IGETC for STEM, allowing for completion of 6 units of non-STEM GE work after transfer.

Year 1		
Fall Semester		Units/Hours
CHEM R120	General Chemistry I	5
MATH R120	Calculus with Analytic Geometry I	5
Written Communication: CSU GE Area A2 or IGETC Area 1A		4
<b>Units/Hours</b>		<b>14</b>
Spring Semester		
CHEM R122	General Chemistry II	5
Critical Thinking: CSU GE Area A3 or IGETC Area 1B		3
Oral Communication: CSU GE Area A1 or IGETC Area 1C		3
Lifelong Learning and Self-Development: CSU GE Area E		3
Free Elective (choose one course)		3
<b>Units/Hours</b>		<b>17</b>
Summer Semester		
Arts and Humanities: CSU GE Area C1 or C2 or IGETC 3A or 3B		3-4
Language other than English: IGETC Area 6		
<b>Units/Hours</b>		<b>3-4</b>
Year 2		
Fall Semester		Units/Hours
BIOL R120	Principles of Biology I	4
BIOL R120L	Principles of Biology I Lab: Intro to Cellular and Molecular Biology	1
PHYS R101	College Physics 1	4
PHYS R101L	College Physics 1 Laboratory	1
American Institutions/CSU Area D or IGETC Area 4		3
Arts and Humanities: CSU GE Area C1 or C2 or IGETC Area 3A or 3B		
<b>Units/Hours</b>		<b>13</b>
Spring Semester		
BIOL R122	Principles of Biology II	4
BIOL R122L	Principles of Biology II Laboratory	1
PHYS R102	College Physics 2	4
PHYS R102L	College Physics 2 Laboratory	1
American Institutions/CSU GE Area D or IGETC 4		3
Ethnic Studies: CSU GE Area F		
<b>Units/Hours</b>		<b>13</b>
<b>Total Units/Hours</b>		<b>60-61</b>

Upon successful completion of this program, students will be able to:

- Use logic and the scientific method to draw well supported conclusions pertaining to biological questions.
- Display written and verbal competency in the description and analysis of biological subject matter.
- Integrate ideas and values from different disciplines (e.g., mathematics, chemistry) to explain biological concepts or ideas.
- Conduct research and information gathering using a variety of sources such as texts, tables, graphs, maps, media, personal communication, observation, and electronic databases to answer biological questions.
- Understand and communicate complex relationships between natural and human systems.
- Recognize applications of biology in everyday life.
- Acquire knowledge and skills sufficient to allow one to pursue more advanced study in biological sciences or seek employment in biology-related fields, or upgrade skills for the workplace.



## Border Studies

### BRS R101 Introduction to Border Studies 3 Units

*Same-As:* ANTH R119, ETHS R119

*In-Class Hours:* 52.5 lecture

Borders and borderlands define territories and identity while simultaneously calling them into question. Utilizing an interdisciplinary perspective that includes ethnic studies, Chicana/o studies, anthropology, border studies, history, political science and other disciplines, this course explores both physical and conceptual borders and borderlands with an emphasis on first person narratives, generalizing to universal themes of change, globalization, conflict, motivation and movement across borders. Using the US/Mexico borderlands as our foundation, this course explores borders and borderlands through a range of ethnographic, narrative and theoretical works. We will analyze specific borderlands and borderland identities while considering the themes of hybridity, gender, sexuality, marginalization, economics, immigration, labor flows, travel, pollution, environmental change, media, conflict and cooperation.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2, F

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D

**IGETC:** 4

*For more information contact:*

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## Business

The Business program offers a variety of courses in business leading to the Associate Degree in Business Administration for Transfer degree, the Associate in Science in Business Management, and the Certificate of Achievement in Business Management. The goal of the Business program is to serve and prepare students to succeed in today's competitive work environment. In addition to courses in the fundamentals of business management, such as accounting, marketing, human resources, business mathematics, business communications, and business law, the program also offers courses in entrepreneurship, and electives in organizational behavior, social media marketing, marketing for small businesses, and business information systems including Microsoft Office, Excel, and Access.

**Note:** Beginning Fall 2022, the AS-T in Business Administration 2.0. replaces the former AS-T in Business Administration. Business Administration 2.0 is more closely aligned with Business majors at more CSU campuses. Students with catalog rights prior to 2022-2023 are not required to change to the new Business Administration 2.0, but should meet with a counselor to determine which degree is most appropriate for them based on their intended transfer destination.

**NOTE:** The UC limits enrollment in some courses. See the UC Transfer Course Agreement (p. 105)page for details.

## Business Courses

### BUS R001 Preparation for Accounting 3 Units

*In-Class Hours:* 52.5 lecture

This course provides preparation for students planning to pursue transferable courses in financial and managerial accounting. This course provides a general overview of accounting designed to give students a background on basic accounting functions. The course will prepare the students with a working knowledge of the accounting cycle, journalizing, posting, trial balance, adjusting and closing entries, and financial statements.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### BUS R100 Introduction to Entrepreneurship 1 Unit

*In-Class Hours:* 17.5 lecture

This is an introductory course intended to provide a comprehensive overview of entrepreneurship. The global economy and the critical role that innovation and creativity play in the entrepreneurial process will be examined.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### BUS R103 Business Mathematics 3 Units

*In-Class Hours:* 52.5 lecture

This course utilizes mathematical operations to solve practical business problems. The topics include solving equations, percents with applications, cash and trade discounts, markups and markdowns, simple interest, compound interest, present value, annuities and sinking funds, installment buying and revolving credit cards, statistics and reading and analyzing financial statements. Other topics may be covered.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**BUS R104 Business English 3 Units***In-Class Hours:* 52.5 lecture

This course develops competency in the fundamentals and mechanics of college-level business communications skills, including grammar, sentence structure, punctuation, and written expression. These English and communication competencies will include practical writing applications such as business letters, memos, and compositions on assigned topics.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**BUS R105 Accounting for Entrepreneurs 1.5 Units***In-Class Hours:* 17.5 lecture, 26.25 laboratory

This course is an introductory study of the basic accounting required to manage the financial documentation related to running a small business. Emphasis is placed on the practical application of recording, summarizing, and reporting business transactions for internal purposes as well as for completing federal, state, and local reporting requirements.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**BUS R111 Business Law 3 Units***Formerly:* BUS R111A*In-Class Hours:* 52.5 lecture*C-ID:* BUS 125

This course is an introduction to the legal process. Topics include sources of law and ethics, contracts, torts, agency, criminal law, business organizations, and judicial and administrative processes. A general review of law as it relates to businesses, individuals and society will be covered. Fundamental legal principles pertaining to business transactions will be covered.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**BUS R120 Introduction to Business 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* BUS 110

This course provides a multidisciplinary examination of how culture, society, economic systems, legal, international, political, financial institutions, and human behavior interact to affect a business organization's policy and practices within the U.S. and a global society. This course focuses on how these influences impact the primary areas of business including: organizational structure and design; leadership; human resource management; organized labor practices; marketing; organizational communication; technology; entrepreneurship; legal, accounting, and financial practices; the stock and securities market; and therefore how they affect a business' ability to achieve its organizational goals.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**BUS R121 Introduction to Management 3 Units***In-Class Hours:* 52.5 lecture

This course examines the basic management functions of a business organization and middle management's responsibilities in planning, organizing, directing, controlling, coordinating, and executing the organizations' goals and objectives. Techniques of decision-making with emphasis on recent advances in areas directly related to management are also introduced. The class introduces the fundamentals of modern management as practiced today, particularly the ways in which the management practices evolved with the rise of large corporations in the late 1800s and into the twenty-first century.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**BUS R122 Human Resource Management 3 Units***In-Class Hours:* 52.5 lecture

This course examines the concepts of human resource organization and management including finance, operation, and compliance with federal government regulations, internal organization and the personnel practices including collective bargaining of the organization as an employer and its role with employees.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

**BUS R124 Organizational Behavior 3 Units***In-Class Hours:* 52.5 lecture

This course provides information about how people interact in organizations. Topics to be studied include individuals, interpersonal communication, decision making, group dynamics, human needs and motivation, leadership, ethical considerations, quality of work life, managing conflict and initiating change.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**BUS R125 Personal Finance 3 Units***In-Class Hours:* 52.5 lecture

This course provides an overview of financial planning and budgeting. The process of financial planning logic and underlying fundamentals that drive financial planning will be discussed. Topics include banking, borrowing, taxes, insurance, various forms of investments, credit, interest rates, time value of money, large purchases such as real estate, estate and retirement planning.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**BUS R134 Marketing for Small Business 2 Units***Formerly:* BUS R198X*In-Class Hours:* 35 lecture

This course covers marketing for the small business owner. It includes coverage on the aspects of marketing planning, market research, product development, promotion, advertising, networking, channels of distribution and web marketing.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**BUS R135 Social Media Marketing 1.5 Units***Formerly:* BUS R198X*In-Class Hours:* 17.50 lecture, 26.25 laboratory

This course provides students with an introduction to social media marketing, including social communities, publishing, entertainment, and commerce. Opportunities and limitations of current social media platforms will be examined. The course will emphasize social media's strategic role in traditional marketing, how to build effective social media marketing strategies, and how to track their effectiveness.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**BUS R140 Business Communications 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* ENGL R101 or ENGL R101H*Advisories/Rec Prep:* CAOT R805 or Word-processing skills*C-ID:* BUS 115

This course applies the principles of ethical and effective communication to the creation of letters, memos, emails, and written and oral reports for a variety of business situations. The course emphasizes planning, organizing, composing, and revising business documents using word processing software for written documents and presentation-graphics software to create and deliver professional-level oral reports. This course is designed for students who already have college-level writing skills.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**BUS R199A Directed Studies in Business 0.5-4 Units***In-Class Hours:* 8.75-70 lecture

This course is intended for students interested in furthering their knowledge of business on an independent-study basis. The student and instructor will work together to design course content and/or research. Meeting times will be determined by the instructor.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**BUS R199B Directed Studies Business Lab 0.5-4 Units***In-Class Hours:* 26.25-210 laboratory

This lab course is intended for students interested in furthering their knowledge of business on an independent-study basis. The student and instructor will work together to design course content and/or research. Meeting times will be determined by the instructor.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

## Business Information Systems Courses

### BIS R122 Microsoft Office 3 Units

*In-Class Hours:* 43.75 lecture, 26.25 laboratory

Students will be introduced to the various application programs that make up the suite of Microsoft Office. The focus for this course will be on learning the basic features of Word, Excel, Access, and PowerPoint. Students will learn to apply these productivity tools to various business documents.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### BIS R123 Microsoft Excel 3 Units

*Formerly:* CAOT R123

*In-Class Hours:* 43.75 lecture, 26.25 laboratory

This course provides instruction in Microsoft Excel, concentrating on the development of an understanding and working knowledge of the business and practical applications of a spreadsheet. Students will be introduced to topics such as charts, formulas, functions, Web queries, formatting, financial functions, data tables, and hyperlinks.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### BIS R124 Microsoft Access 3 Units

*Formerly:* CAOT R124; CIS R024A

*In-Class Hours:* 43.75 lecture, 26.25 laboratory

This course provides in-depth knowledge of the concepts behind a database management system and focuses on issues related to practical database design. Students will learn to create conceptual, logical and physical designs of relational databases in response to a set of user requirements. The student will design and implement databases utilizing Microsoft Access.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

- Business Administration 2.0, Associate in Science for Transfer (p. 223)
- Business Management, Associate in Science (p. 224)
- Business Management, Certificate of Achievement (p. 225)
- Marketing for Entrepreneurs, Proficiency Award (p. 225)

*For more information contact:*

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## Business Administration 2.0, Associate in Science for Transfer

The Associate in Science in Business Administration 2.0 for Transfer (Business Administration 2.0 AS-T) is intended for students who plan to complete a Bachelor's degree in a "similar" major at a CSU campus. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) webpage and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system but not to a particular campus or major.

**To earn an AS-T in Business Administration 2.0, students must:**

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 26 semester units in the Business Administration major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 section 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that accepts the Business Administration 2.0 AS-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Note: The AS-T in Business Administration 2.0 will replace the original AS-T in Business Administration.

Course ID	Title	Units/Hours
ACCT R101	Financial Accounting	3
or ACCT R101H	Honors: Financial Accounting	
ACCT R102	Managerial Accounting	3
BUS R111	Business Law	3
ECON R201	Introduction to the Principles of Microeconomics	3

or ECON R201H	Honors: Introduction to the Principles of Microeconomics	
ECON R202	Introduction to the Principles of Macroeconomics	3
or ECON R202H	Honors: Introduction to the Principles of Macroeconomics	
MATH R105	Introductory Statistics	4
or MATH R105H	Honors: Introductory Statistics	
MATH R106	Business Calculus	4-5
or MATH R120	Calculus with Analytic Geometry I	
BUS R120	Introduction to Business	3
or BUS R140	Business Communications	
<b>Total Required Major Units</b>		<b>26-27</b>
<b>CSU General Education Breadth</b>		<b>39</b>
Double-Counted Units		- 9
Electives (CSU transferable units needed to reach 60)		3-4
<b>Total Units Required for AS-T Degree</b>		<b>60</b>
OR		
<b>IGETC</b>		<b>37</b>
Double-Counted Units		- 9
Free Elective Required		5-6
<b>Total Units Required for AS-T Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Write clearly and accurately in a variety of business contexts and formats while checking, editing, and revising their written work for correct information, appropriate emphasis, form, style, and grammar.
- Understand management concepts and approaches including planning for, organizing, and controlling organizational resources, preparing for and managing organizational change, and managing and leading people.
- Apply rules and principles to new business situations.
- Formulate ways of accessing and interpreting business information from beyond their immediate spheres.
- Demonstrate personal conduct that reflects an ethical understanding of complex business, economic and social issues.
- Demonstrate collaboration skills by working effectively with others in group settings – both inside and outside the classroom.
- Interpret how information technology affects business operations, and utilize business technologies to their advantage.

## Business Management, Associate in Science

The Associate in Science in Business Management will prepare students to compete for management positions within an organization. These positions would include responsibilities for formulating and implementing policies, employee relations, long-range planning, and overseeing the work of other levels within the organization.

Through coursework with an interdisciplinary focus, students will explore market trends and topics in workplace diversity, leadership, time management and social skills. Program-wide emphasis is placed on the importance of teamwork, strength leadership and global mindsets. Students will collaborate with prospective peers to complete

presentations on subjects such as consumer behavior, globalization, human capital and organizational culture.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		<b>22</b>
ACCT R101	Financial Accounting	
or ACCT R101H	Honors: Financial Accounting	
BUS R100	Introduction to Entrepreneurship	
BUS R103	Business Mathematics	
BUS R111	Business Law	
BUS R120	Introduction to Business	
BUS R121	Introduction to Management	
BUS R122	Human Resource Management	
BUS R140	Business Communications	
<b>Complete a minimum of 6 units from the following:</b>		<b>6</b>
BUS R124	Organizational Behavior	
BUS R125	Personal Finance	
BUS R134	Marketing for Small Business	
BUS R135	Social Media Marketing	
CIS R100	Introduction to Computer Information Systems	
COMM R101	Introduction to Oral Communication	
ECON R201	Introduction to the Principles of Microeconomics	
or ECON R201H	Honors: Introduction to the Principles of Microeconomics	
ECON R202	Introduction to the Principles of Macroeconomics	
or ECON R202H	Honors: Introduction to the Principles of Macroeconomics	
<b>Complete a minimum of 3 units from the following courses:</b>		<b>3</b>
BIS R122	Microsoft Office	
BIS R123	Microsoft Excel	
BIS R124	Microsoft Access	
<b>Total Required Major Units</b>		<b>31</b>
Oxnard College General Education Pattern		29
Double-Counted Units		0-3
Free Electives Required		0
<b>Total Units Required for the A.S. Degree</b>		<b>60</b>

To complete the Associate Degree, students must meet requirements in the major, general education, competency, units, scholarship, and residency. Refer to Earn an Associate Degree and the A.A. or A.S. Degree in Specific Majors sections of this catalog.

Upon successful completion of this program, students will be able to:

- Write clearly and accurately in a variety of business contexts and formats while checking, editing, and revising their written work for correct information, appropriate emphasis, form, style, and grammar.
- Understand management concepts and approaches including planning for, organizing, and controlling organizational resources, preparing for and managing organizational change, and managing and leading people.
- Apply rules and principles to new business situations.



- Formulate ways of accessing and interpreting business information from beyond their immediate spheres.
- Demonstrate personal conduct that reflects an ethical understanding of complex business, economic and social issues.
- Demonstrate collaboration skills by working effectively with others in group settings – both inside and outside the classroom.
- Interpret how information technology affects business operations, and utilize business technologies to their advantage.

## Business Management, Certificate of Achievement

The Business Management Certificate of Achievement will prepare students to compete for management positions within an organization. These positions would include responsibilities for formulating and implementing policies, employee relations, long-range planning, and overseeing the work of other levels within the organization.

Through coursework with an interdisciplinary focus, students will explore market trends and topics in workplace diversity, leadership, time management and social skills. Program-wide emphasis is placed on the importance of teamwork, strength leadership and global mindsets. Students will collaborate with prospective peers to complete presentations on subjects such as consumer behavior, globalization, human capital and organizational culture.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		<b>22</b>
ACCT R101 or ACCT R101H	Financial Accounting Honors: Financial Accounting	
BUS R100	Introduction to Entrepreneurship	
BUS R103	Business Mathematics	
BUS R111	Business Law	
BUS R120	Introduction to Business	
BUS R121	Introduction to Management	
BUS R122	Human Resource Management	
BUS R140	Business Communications	
<b>Complete a minimum of 6 units from the following courses:</b>		<b>6</b>
BUS R124	Organizational Behavior	
BUS R125	Personal Finance	
BUS R134	Marketing for Small Business	
BUS R135	Social Media Marketing	
CIS R100	Introduction to Computer Information Systems	
COMM R101	Introduction to Oral Communication	
ECON R201 or ECON R201H	Introduction to the Principles of Microeconomics Honors: Introduction to the Principles of Microeconomics	
ECON R202 or ECON R202H	Introduction to the Principles of Macroeconomics Honors: Introduction to the Principles of Macroeconomics	
<b>Complete a minimum of 3 units from the following courses:</b>		<b>3</b>
BIS R122	Microsoft Office	

BIS R123	Microsoft Excel	
BIS R124	Microsoft Access	
<b>Total Units Required for the Certificate</b>		<b>31</b>

To complete the Certificate of Achievement, students must also meet requirements in scholarship and residency. Refer to Earn a Certificate of Achievement section in this catalog for specific information.

Year 1		Units/Hours
<b>Fall Semester</b>		
ACCT R101 or ACCT R101H	Financial Accounting or Honors: Financial Accounting	3
BUS R100	Introduction to Entrepreneurship	1
BUS R120	Introduction to Business	3
<b>Units/Hours</b>		<b>7</b>
<b>Spring Semester</b>		
BUS R121	Introduction to Management	3
BUS R140	Business Communications	3
<b>Units/Hours</b>		<b>6</b>
<b>Summer Semester</b>		
Select one course from elective list		3
<b>Units/Hours</b>		<b>3</b>
Year 2		Units/Hours
<b>Fall Semester</b>		
BUS R103	Business Mathematics	3
BUS R111	Business Law	3
Select one course from elective list		3
<b>Units/Hours</b>		<b>9</b>
<b>Spring Semester</b>		
BUS R122	Human Resource Management	3
Select one course from CAOT elective list		3
<b>Units/Hours</b>		<b>6</b>
<b>Total Units/Hours</b>		<b>31</b>

Upon successful completion of this program, students will be able to:

- Write clearly and accurately in a variety of business contexts and formats while checking, editing, and revising their written work for correct information, appropriate emphasis, form, style, and grammar.
- Understand management concepts and approaches including planning for, organizing, and controlling organizational resources, preparing for and managing organizational change, and managing and leading people.
- Apply rules and principles to new business situations.
- Formulate ways of accessing and interpreting business information from beyond their immediate spheres.
- Demonstrate personal conduct that reflects an ethical understanding of complex business, economic and social issues.
- Demonstrate collaboration skills by working effectively with others in group settings – both inside and outside the classroom.
- Interpret how information technology affects business operations, and utilize business technologies to their advantage.

## Marketing for Entrepreneurs, Proficiency Award

The Marketing for Entrepreneurs proficiency award is designed to provide students with the academic background and tools they will need to succeed in entrepreneurial settings, small businesses or their own venture. The objective of this proficiency is to educate students to

function effectively in business environments where they will have to make autonomous decisions and be required to take action on their own initiative.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
BUS R100	Introduction to Entrepreneurship	1
BUS R134	Marketing for Small Business	2
BUS R135	Social Media Marketing	1.5
<b>Total Units</b>		<b>4.5</b>

## Chemistry

Chemistry is the science that deals with the composition, structure, and properties of matter and with the changes matter undergoes. There are many different employment opportunities open to chemists. A chemist can work in a laboratory or research environment asking questions and testing hypotheses with experiments. Another possibility for a chemist is to work on a computer developing theories or models or to predict reactions. Some chemists do field work, others contribute advice on chemistry for projects. Some chemists write. Some chemists teach, while others use chemistry to enter the medical field.

The Chemistry program offers two Associate degrees:

- Associate in **Arts** (A.A.)
- Associate in **Science** (A.S.)

The courses in this program can prepare students to transfer to Bachelor of Arts or Bachelor of Science degree programs in Chemistry.

To earn an Associate degree with a major in **Chemistry**, students must complete the core courses listed below, plus general education degree requirements. These major requirements help prepare students for upper-division course work for bachelor degrees and advanced degrees in chemistry offered by four-year institutions. Since the course work in chemistry is sequential, students may spend less time earning an associate degree by giving priority to the requirements for a major in chemistry. Earning an Associate degree in Chemistry suggests an achievement of technical skills that may be helpful in seeking immediate employment.

Universities differ slightly in requirements for the Bachelor of Arts degree in Chemistry and the Bachelor of Science degree in Chemistry or Biochemistry. The Counseling Department or a member of the Science Department faculty can help students plan their coursework at Oxnard College so students have a smooth transition to the university of his or her choice. Students are advised to refer to the official articulation agreements on [www.assist.org](http://www.assist.org) (<https://www.assist.org>) for the most current requirements of their intended transfer institution. Both the Bachelor of Arts degree in Chemistry and the Bachelor of Science degree in Chemistry are offered at California State University Channel Islands (CSUCI), California State University Northridge (CSUN) and the University of California Santa Barbara (UCSB). The University of California Los Angeles (UCLA) only grants the Bachelor of Science degree in Chemistry. In addition, CSUCI, CSUN, UCSB and UCLA all grant Bachelor of Science degrees in Biochemistry.

## University of California Credit Limitation on Transfer of Chemistry Courses

The UC will not give credit for CHEM R104 **or** CHEM R110 if taken after CHEM R120.

No credit will be given for CHEM R112 if taken *after* CHEM R130.

**NOTE:** The UC limits enrollment in some courses. See the UC Transfer Course Agreement (p. 105)page for details.

### CHEM R104 General, Organic, and Biological Chemistry 5 Units

*In-Class Hours:* 70 lecture, 52.5 laboratory

*Prerequisites:* MATH R005 or MATH R015

This course provides an introduction to the concepts of chemistry in the health sciences. Topics in general chemistry will include the modern view of the atom, molecule structure, chemical formulas, and chemical reactions. Topics in organic chemistry will include hydrocarbons, alcohols, aldehydes, ketones, carboxylic acids, amines, and amides.

Topics in biochemistry will include carbohydrates, proteins, lipids, nucleic acids, and metabolism.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B1, B3

**IGETC:** None

### CHEM R110 Elementary Chemistry 5 Units

*In-Class Hours:* 70 lecture, 52.5 laboratory

*Prerequisites:* MATH R005 or MATH R015

*C-ID:* CHEM 101

This is an introductory course in chemistry stressing the basic principles of atomic and molecular structure, compound formation and chemical reactivity, the periodic table and states of matter. Quantitative techniques involved in elementary chemical calculations will be emphasized. In addition, the course serves as an introduction to lab techniques with experiments illustrating principles covered in lecture.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B1, B3

**IGETC:** 5A, 5C

**CHEM R112 Elementary Organic and Biological Chemistry 5 Units***In-Class Hours:* 70 lecture, 52.5 laboratory*Prerequisites:* CHEM R110 or CHEM R120*C-ID:* CHEM 102

The major emphasis of this course will be on general organic chemistry and biological chemistry as they apply to the living systems. The section of organic chemistry includes naming, structure and bonding, classification by functional groups and reactions, polymerization, optical isomerism, and physical properties based on molecular polarity. Biochemistry includes carbohydrates, proteins, and amino acids, fats, enzymes, DNA and RNA, and cell biochemistry. The lab illustrates the principles covered in the lecture.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B1, B3**IGETC:** 5A, 5C**CHEM R120 General Chemistry I 5 Units***In-Class Hours:* 52.5 lecture, 105 laboratory*Prerequisites:* CHEM R110 and MATH R005 or MATH R015*C-ID:* CHEM 110

This course introduces fundamental principles and theories of chemistry with special emphasis on calculations of solution chemistry, stoichiometry, chemical equilibrium and oxidation-reduction; includes discussion of quantum mechanical model of the atom, kinetic-molecular theory, and periodic table. The lab is designed to develop quantitative relationships through experiments, and to introduce inorganic preparative procedures and computer analysis of data.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B1, B3**IGETC:** 5A, 5C**CHEM R122 General Chemistry II 5 Units***In-Class Hours:* 52.5 lecture, 105 laboratory*Prerequisites:* CHEM R120*C-ID:* CHEM 120S

This course covers solution equilibria, kinetics, electrochemistry, radiochemistry, transition metal chemistry, and descriptive chemistry of the elements. In addition, an introduction to organic chemistry is included. Lab work includes qualitative analysis, thermochemistry, and kinetic studies, and further develops inorganic preparative techniques. Computers are utilized for data acquisition and interpretation.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B1, B3**IGETC:** 5A, 5C**CHEM R130 Organic Chemistry I 5 Units***In-Class Hours:* 52.5 lecture, 105 laboratory*Prerequisites:* CHEM R122*C-ID:* CHEM 150

This course studies the fundamental principles of organic chemistry with the emphasis upon the practical application of modern principles to functional groups, reactivity, physical properties, and methods of synthesis of organic compounds. The lab portion of the course will give students the opportunity to engage in experiments that provide concrete examples of materials covered in the lecture portion of the course.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B1, B3**IGETC:** 5A, 5C**CHEM R132 Organic Chemistry II 5 Units***In-Class Hours:* 52.5 lecture, 105 laboratory*Prerequisites:* CHEM R130*C-ID:* CHEM 160S

This course is the second half of the Organic Chemistry series with emphasis on oxygen-containing and nitrogen-containing organic substances, polymers, carbohydrates, proteins, lipids, and other biomolecules. The lab will involve multiple-step synthesis from smaller molecules to larger molecules.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B1, B3**IGETC:** 5A, 5C**CHEM R199 Directed Studies in Chemistry 1-3 Units***In-Class Hours:* 52.5-157.5 laboratory*Prerequisites:* CHEM R110

This course is designed for students interested in furthering their knowledge of Chemistry on an independent study basis. These studies may require a combination of laboratory and library research. Project findings will be presented in a scientific poster format, video, protocol or research publication.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

- Chemistry, Associate in Arts (p. 228)
- Chemistry, Associate in Science (p. 229)

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## Chemistry, Associate in Arts

The Associate in Arts in Chemistry is designed for students who plan to transfer to earn a Bachelor of Arts or Bachelor of Science degree in Chemistry at a California State University or other independent or out-of-state university. The AA in Chemistry introduces the concepts and principles upon which chemical knowledge is based, including chemical structures and nomenclature, stoichiometry and solving of chemical equations, the thermodynamics of chemical reactions, and theories of chemical bonding. Students will develop skills for critical/analytical thinking, perceptive reading/observation and interpretation. Students should work with a counselor and consult articulation agreements on ASSIST to ensure they are meeting admission and major requirements of their specific intended transfer institution.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		<b>20</b>
CHEM R120	General Chemistry I	
CHEM R122	General Chemistry II	
MATH R120	Calculus with Analytic Geometry I	
MATH R121	Calculus with Analytic Geometry II	
<b>Required Additional Courses</b>		
Complete a minimum of 3 units from the courses below as required for the intended transfer institution		3-26
CHEM R130	Organic Chemistry I	
CHEM R132	Organic Chemistry II	
MATH R122	Calculus with Analytic Geometry III	
MATH R134	Linear Algebra	
MATH R143	Differential Equations	
BIOL R101	General Biology	
or BIOL R101H	Honors: General Biology	
BIOL R120	Principles of Biology I	
Complete a minimum of 10 units in Physics from the same series, as required by the intended transfer institution		10-15
<b>Sequence 1:</b>		
PHYS R101	College Physics 1	
PHYS R101L	College Physics 1 Laboratory	
PHYS R102	College Physics 2	
PHYS R102L	College Physics 2 Laboratory	
<b>Sequence 2:</b>		
PHYS R121	Physics with Calculus 1	
PHYS R122	Physics with Calculus 2	
<b>Series 3:</b>		
PHYS R131	Physics for Scientists and Engineers 1	
PHYS R132	Physics for Scientists and Engineers 2	
PHYS R133	Physics for Scientists and Engineers 3	
<b>Total Required Major Units</b>		<b>33-61</b>
CSU GE-Breadth		39
Health		3
Kinesiology Activity		1
Double-Counted Units		- 7-10

Free Electives	0
<b>Total Units Required for A.A. Degree</b>	<b>66-94</b>
OR	
<b>Total Required Major Units</b>	<b>33-61</b>
IGETC	37
Health	3
Kinesiology	1
Double-Counted Units	- 7-10
Free Electives Required	0
<b>Total Units for A.A. Degree</b>	<b>64-92</b>

To complete the Associate Degree, students must meet requirements in the major, general education, competency, units, scholarship, and residency. Refer to Graduation Requirements - Earn an Associate Degree and the A.A. or A.S. Degree in Specific Majors sections of this catalog.

Proposed plan of study for A.A. degree in Chemistry:

Year 1		Units/Hours
<b>Fall Semester</b>		
CHEM R120	General Chemistry I	5
MATH R120	Calculus with Analytic Geometry I	5
<b>Units/Hours</b>		<b>10</b>
<b>Spring Semester</b>		
CHEM R122	General Chemistry II	5
MATH R121	Calculus with Analytic Geometry II	5
<b>Units/Hours</b>		<b>10</b>
<b>Year 2</b>		
<b>Fall Semester</b>		
PHYS R101	College Physics 1	4
PHYS R101L	College Physics 1 Laboratory	1
or		
PHYS R121	Physics with Calculus 1	5
<b>Units/Hours</b>		<b>10</b>
<b>Spring Semester</b>		
PHYS R102	College Physics 2	4
PHYS R102L	College Physics 2 Laboratory	1
or		
PHYS R122	Physics with Calculus 2	5
<b>Units/Hours</b>		<b>10</b>
<b>Total Units/Hours</b>		<b>40</b>

**Please note:** This plan of study contains only the required core courses and not restricted electives or general education.

If students plan to transfer to **CSUCI** to major in chemistry, it is advised that they complete CHEM R130 and CHEM R132 prior to transfer. These are required courses for the B.A. or the B.S. in Chemistry at CSUCI as well as most B.A. or B.S. degree programs in chemistry or biochemistry at other four-year universities.

For a B.S. in Chemistry with an option in Biochemistry at **CSUCI**, students should also complete BIOL R120 Principles of Biology I (Units: 4) prior to transfer.

Upon successful completion of this program, students will be able to:

- Conduct experiments, analyze data, and interpret results, while observing responsible and ethical scientific conduct.
- Demonstrate an understanding of major concepts, theoretical principles and experimental findings in chemistry.

- Be prepared to transfer to a university or enter allied health programs such as dental hygiene.
- Demonstrate a foundational knowledge of general principles of chemistry and be able to apply this knowledge to the solution of problems and performance of experiments.
- Demonstrate proficiency in the use of appropriate instrumentation to collect and record data from chemical experiments.
- Use critical thinking and efficient problem-solving skills in the four basic areas of chemistry: analytical, inorganic, organic, and physical.
- Use modern instrumentation for chemical analysis.

## Chemistry, Associate in Science

The requirements for the A.S. degree in chemistry are satisfactory completion of a minimum of 60 semester units of which 40 semester units must be the required core courses shown below. The additional minimum of 20 units is to be chosen from the general education degree requirements found in the Oxnard College catalog. Students who plan to transfer to a four-year university should consult the CSU-GE or IGETC pattern for general education. This degree is designed for students who wish to earn a Bachelor of Arts or Bachelor of Science degree in chemistry at UCLA, UCSB or CSUN.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
CHEM R120	General Chemistry I	5
CHEM R122	General Chemistry II	5
CHEM R130	Organic Chemistry I	5
CHEM R132	Organic Chemistry II	5
MATH R120	Calculus with Analytic Geometry I	5
MATH R121	Calculus with Analytic Geometry II	5
PHYS R131	Physics for Scientists and Engineers 1	5
PHYS R132	Physics for Scientists and Engineers 2	5
<b>Total Required Major Units</b>		<b>40</b>
Oxnard College General Education Pattern		29
Double-Counted Units		- 6
Free Electives Required		0
<b>Total Units Required for A.S. Degree</b>		<b>60</b>

To complete the Associate Degree, students must meet requirements in the major, general education, competency, units, scholarship, and residency. Refer to Education Pathways - Earn an Associate Degree and the A.A. or A.S. Degree in Specific Majors sections of this catalog.

Year 1		Units/Hours
<b>Fall Semester</b>		
CHEM R120	General Chemistry I	5
MATH R120	Calculus with Analytic Geometry I	5
<b>Units/Hours</b>		<b>10</b>
<b>Spring Semester</b>		
CHEM R122	General Chemistry II	5
MATH R121	Calculus with Analytic Geometry II	5
<b>Units/Hours</b>		<b>10</b>
<b>Year 2</b>		
<b>Fall Semester</b>		
CHEM R130	Organic Chemistry I	5
PHYS R131	Physics for Scientists and Engineers 1	5
<b>Units/Hours</b>		<b>10</b>

Spring Semester		
CHEM R132	Organic Chemistry II	5
PHYS R132	Physics for Scientists and Engineers 2	5
<b>Units/Hours</b>		<b>10</b>
<b>Total Units/Hours</b>		<b>40</b>

Upon successful completion of this program, students will be able to:

- Conduct experiments, analyze data, and interpret results, while observing responsible and ethical scientific conduct.
- Demonstrate an understanding of major concepts, theoretical principles and experimental findings in chemistry.
- Be prepared to transfer to a university or enter allied health programs such as dental hygiene.
- Demonstrate a foundational knowledge of general principles of chemistry and be able to apply this knowledge to the solution of problems and performance of experiments.
- Demonstrate proficiency in the use of appropriate instrumentation to collect and record data from chemical experiments.
- Use critical thinking and efficient problem-solving skills in the four basic areas of chemistry: analytical, inorganic, organic, and physical.
- Use modern instrumentation for chemical analysis.

## Chemistry, Associate in Science for UC Transfer

This Associate in Science degree in Chemistry for UC Transfer degree is intended to facilitate transfer and increase academic preparation for students as they prepare to transfer into a Chemistry program at a UC campus. Along with the Transfer Agreement Guarantee (TAG), students completing this degree are guaranteed admission to the UC system, but not necessarily to a particular UC campus or major of their choice. Students should consult with a counselor for more information on university admission and transfer requirements, as this degree in Chemistry may not be the best option for students intending to transfer to a particular UC campus or to a college or university that is not part of the UC system.

To earn an Associate in Science in Chemistry for UC Transfer degree, students must:

1. Complete 53 semester units in Chemistry major preparation, as prescribed on the UCTP Template.
2. Complete IGETC\* courses in the following areas, as prescribed on the UCTP Template.
  - a. Area 1A Freshman Composition (3 units)
  - b. Area 1B Critical Thinking (3 units)
  - c. Area 3 Arts and Humanities (3 units)
  - d. Area 4 Social and Behavioral Science (3 units)
  - e. Area 5B Biological Science (4 units)
  - f. Area 6 Language other than English (0-4 units)
3. Meet the specified requirements as stated in the Transfer Agreement Guarantee (TAG) for the available school.
4. Obtain a cumulative minimum grade point average (GPA) of 3.5 in the major. Students that earn less than 3.5 GPA (UC transferable) still meet the associate degree graduation requirement but will not receive the guaranteed admission into a UC.
5. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 § 55063), it



is highly recommended that students complete their major courses with a letter grade due to unit limitations on "P/NP" courses by the UC system.

6. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

\*NOTE: This degree allows for the deferment of IGETC courses, including two courses in Area 3 (Arts and Humanities) and two courses in area 4 (Social Science). These deferred IGETC requirements are to be completed at the UC, after transfer.

Course ID	Title	Units/ Hours
<b>Required Core Courses: 53</b>		
CHEM R120	General Chemistry I	5
CHEM R122	General Chemistry II	5
CHEM R130	Organic Chemistry I	5
CHEM R132	Organic Chemistry II	5
PHYS R131	Physics for Scientists and Engineers 1	5
PHYS R132	Physics for Scientists and Engineers 2	5
PHYS R133	Physics for Scientists and Engineers 3	5
MATH R120	Calculus with Analytic Geometry I	5
MATH R121	Calculus with Analytic Geometry II	5
MATH R122	Calculus with Analytic Geometry III	5
MATH R143	Differential Equations	3
<b>IGETC General Education Requirements 20</b>		
<b>Area 1A Freshman Composition: Select one course</b>		
ENGL R101	College Composition	4
or ENGL R101H	Honors: College Composition	
<b>Area 1B Critical Thinking: Select one course</b>		
ENGL R102	Critical Thinking through Composition and Literature	4
or ENGL R102H	Honors: Critical Thinking through Composition and Literature	
ENGL R128	Composition and Critical Thinking through Non-Fiction	3
PHIL R111	Critical Thinking and Analytic Writing	3
<b>Area 3 Arts and Humanities: Select one course</b>		
ANTH R110	People of the World: The Cultures of Globalization and Change	3
ANTH R111	Magic, Witchcraft and Religion: Anthropology of Belief	3
or ANTH R111H	Honors: Magic, Witchcraft and Religion: Anthropology of Belief	
ANTH R113	Ancient Civilizations of the Americas	3
ANTH R116/ IDS R102	Science, Technology, and Human Values	3
ART R101	Introduction to Art and Visual Culture	3
ART R102	Western Art I: Prehistory through the Middle Ages	3
ART R103	Western Art II: Renaissance to Contemporary	3
ART R171	Modern Art	3
ART R172	Art of the Ancient Americas	3
ART R174	Latin American Art	3
ASL R103	American Sign Language 3	4
ASL R104	American Sign Language 4	4
ENGL R104	English Literature I	3
ENGL R105	English Literature II	3
ENGL R107	American Literature I	3
ENGL R108	American Literature II	3
ENGL R111	Shakespeare	3
ENGL R112	Literature by Women	3
ENGL R124	Introduction to LGBTIQ Literature	3
ENGL R125	Children's Literature	3
ENGL R126	Introduction to Chicana/o Literature	3
ESL R100	College Writing Preparation for Non-Native Speakers	4
FTVE R107	History of Film	3
HIST R108	African-American History	3
HIST R109	History of Mexico	3
HIST R110	History of the Middle East	3
HIST R150	World History I	3
or HIST R150H	Honors: World History I	
HIST R160	World History II	3
or HIST R160H	Honors: World History II	
MUS R101	Fundamentals of Music	3
MUS R103	Music Appreciation	3
MUS R116	History of Rock Music	3
MUS R109	Music of Latin America	3
PHIL R101	Introduction to Philosophy	3
or PHIL R101H	Honors: Introduction to Philosophy	
PHIL R102	Introduction to Ethics	3
or PHIL R102H	Honors: Introduction to Ethics	
PHIL R103	Survey of World Religions: East	3
PHIL R104	Survey of World Religions: West	3
PHIL R105	History of Ancient and Medieval Philosophy	3
PHIL R106	History of Modern Philosophy	3
PHIL R108	World Mythology	3
PHIL R110	Philosophy of Religion	3
PHIL/SOC R114	Social Philosophy	3
PHIL R115	Comparative World Religions	3
or PHIL R115H	Honors: Comparative World Religions	
PHIL R116	Contemporary Moral Issues	3
SPAN R210	Intermediate Spanish II	4
SPAN R220	Spanish for Heritage Speakers I	4
or SPAN R220H	Honors: Spanish for Heritage Speakers I	
SPAN R230	Spanish for Heritage Speakers II	4
or SPAN R230H	Honors: Spanish for Heritage Speakers II	
SPAN R232	Latin American Literature	3
or SPAN R232H	Honors: Latin American Literature	
SPAN R234	Latin American and Spanish Film	3
SPAN R236	Cultures of Latin America	3
or SPAN R236H	Honors: Cultures of Latin America	
THTR R111	Introduction to Theatre	3
<b>Area 4 Social and Behavioral Science: Select one course</b>		
ADS/PSY R131	Abnormal Psychology	3

ANTH R102	Introduction to Cultural Anthropology	3
or ANTH R102H	Honors: Introduction to Cultural Anthropology	
ANTH R103	Introduction to Archaeology	3
ANTH R105	Sex, Gender and Culture	3
ANTH/ETHS R107	The Anthropology of Native Americans	3
ANTH R110	People of the World: The Cultures of Globalization and Change	3
ANTH R111	Magic, Witchcraft and Religion: Anthropology of Belief	3
or ANTH R111H	Honors: Magic, Witchcraft and Religion: Anthropology of Belief	
ANTH R113	Ancient Civilizations of the Americas	3
ANTH/ETHS R114	African American Culture and Experience	3
ANTH R115	Introduction to Language and Culture	3
ANTH/ETHS R119/ BRS R101	Introduction to Border Studies	3
ASL R110	Introduction to Deaf Studies	3
CHST R101	Introduction to Chicana/o Studies	3
CHST R102	Chicana/o Cultural Identity	3
CHST/HIST R107	History of Mexicans in the United States	3
CHST/SOC R108	Sociology of the Chicano Community	3
COMM R102	Introduction to Communication Studies	3
COMM R111	Interpersonal Communication	3
COMM R113	Intercultural Communication	3
ECE R102	Child Growth and Development	3
ECON R100	Introduction to Economics and Contemporary Economics Issues	3
ECON R201	Introduction to the Principles of Microeconomics	3
or ECON R201H	Honors: Introduction to the Principles of Microeconomics	
ECON R202	Introduction to the Principles of Macroeconomics	3
or ECON R202H	Honors: Introduction to the Principles of Macroeconomics	
GEOG R102	World Regional Geography	3
GEOG R104	Geography of California	3
GEOG R105	Introduction to Human Geography	3
GLST R101	Introduction to Global Studies	3
GLST R102	Global Issues and Problems	3
HED R113	Introduction to Public Health	3
HIST R104	History of California	3
HIST R108	African-American History	3
HIST R109	History of Mexico	3
HIST R110	History of the Middle East	3
HIST R117	History of American Women	3
HIST R124	Sports in American History	3
HIST R125	U.S. Foreign Policy and Covert Action	3
or HIST R125H	Honors: U.S. Foreign Policy and Covert Action	
HIST R130	History of the United States I	3
or HIST R130H	Honors: History of the United States I	
HIST R140	History of the United States II	3
or HIST R140H	Honors: History of the United States II	
HIST R150	World History I	3

or HIST R150H	Honors: World History I	
HIST R160	World History II	3
or HIST R160H	Honors: World History II	
POLS R101	Government of the United States I: Institutions and Politics	3
POLS R102	Introduction to Law and Society	3
POLS R104	Introduction to International Relations	3
POLS R108	Comparative Politics	3
POLS R120	Political Theory	3
POLS R125	U.S. Foreign Policy and Covert Action	3
or POLS R125H	Honors: U.S. Foreign Policy and Covert Action	
PSY R101	General Psychology (or)	3
PSY R101H	Honors: General Psychology	3
PSY R104	Research Methods in Psychology	3
PSY R107/SOC R104	Sex Roles	3
PSY R108	Developmental Psychology	3
PSY R110	Human Sexuality	3
SJS/ETHS R110	Introduction to Social Justice Studies	3
SJS R120	Introduction to Women's Studies	3
SJS R130	Introduction to LGBTQ Studies	3
SOC R101	Introduction to Sociology	3
or SOC R101H	Honors: Introduction to Sociology	
SOC R102	Social Problems	3
SOC R103	Race and Ethnic Relations	3
SOC R106	Contemporary Family in American Society	3
SOC R111	Introduction to Social Research	3
SOC R116	Crime and Society	3
SOC R119	Introduction to Social Work and Human Services	3
URBS R101	Introduction to Urban Studies	3

**Area 5B Biological Science: Select one course**

ANAT R101	General Human Anatomy	4
ANTH R101	Introduction to Biological Anthropology	3
or ANTH R101H	Honors: Introduction to Biological Anthropology	
BIOL R100	Marine Biology	3
BIOL R101	General Biology	3
or BIOL R101H	Honors: General Biology	
BIOL R120	Principles of Biology I	4
BIOL R122	Principles of Biology II	4
BIOL R155	Principles of Botany	3
ESRM R100	Introduction to Environmental Science	3
MICR R100	Principles of Microbiology	3
MST R100	Marine Biology	3
PHSO R101	Human Physiology	5
PSY R105	Introduction to Physiological Psychology	3

**Area 6 Language Other than English**

**0-4**

ASL R101	American Sign Language 1	4
ASL R102	American Sign Language 2	4
ASL R103	American Sign Language 3	4
ASL R104	American Sign Language 4	4
SPAN R200	Intermediate Spanish I	4
SPAN R210	Intermediate Spanish II	4

SPAN R220	Spanish for Heritage Speakers I	4
or SPAN R220H	Honors: Spanish for Heritage Speakers I	
SPAN R230	Spanish for Heritage Speakers II	4
or SPAN R230H	Honors: Spanish for Heritage Speakers II	
<b>Total Units for the Major:</b>		<b>53</b>
IGETC		20
IGETC Electives		0
<b>Total Units for Degree</b>		<b>73</b>

Upon successful completion of this program, students will be able to:

- Conduct experiments, analyze data, and interpret results, while observing responsible and ethical scientific conduct.
- Demonstrate an understanding of major concepts, theoretical principles and experimental findings in chemistry.
- Be prepared to transfer to a university or enter allied health programs.
- Demonstrate a foundational knowledge of general principles of chemistry and be able to apply this knowledge to the solution of problems and performance of experiments.
- Demonstrate proficiency in the use of appropriate instrumentation to collect and record data from chemical experiments.
- Use critical thinking and efficient problem-solving skills in the four basic areas of chemistry: analytical, inorganic, organic, and physical.
- Use modern instrumentation for chemical analysis.

## Chicana/o Studies

The Chicana/o Studies Program was developed in response to the educational needs of Mexican American and Latino students attending Oxnard College. The program is designed to provide students with an awareness of the social, historical, psychological, and cultural realities of the Chicana/o in American society. An interdisciplinary program, Chicana/o Studies courses offer a Chicana/o perspective within the traditional disciplines of Sociology, History, Psychology, and Anthropology. The major mission of the Chicana/o Studies Program is to provide a curriculum of study that will help students understand and appreciate Chicana/o culture.

### CHST R101 Introduction to Chicana/o Studies 3 Units

*In-Class Hours:* 52.5 lecture

This is an introductory interdisciplinary course designed to introduce students to research and publications in related disciplines and familiarizes them with the interdisciplinary aspects of Chicana/o studies. The course is a survey of diverse historical experiences, cultural factors, and ethnic/racial paradigms, including indigenism, gender, sexuality, language, and borders, that help shape Chicana/o identities, with an emphasis on critical reading and writing skills. The course will provide students with a comprehensive examination of Mexican, Chicana/o, and Latina/o development in the United States. Through critical reading and thinking, textual analysis, and coherent, persuasive writing and communication skills, students will gain a clear understanding of some of the central developments of Chicana/o history and culture. This course will also provide an overview of the formations, definitions, and transformations of Chicana/o peoples by critically analyzing gender roles, the borderlands, Chicana feminism, the arts, immigration, tradition, and identity of Chicano people.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2, F

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D, F

**IGETC:** 4

### CHST R102 Chicana/o Cultural Identity 3 Units

*In-Class Hours:* 52.5 lecture

This course will explore the development of Chicana/o identities through a survey of social scientific, historical and literary sources. This will include exploration of Mexican American regional cultures that trace the development of societal division based on gender, race, ethnicity and other categories.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2, F

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** D

**IGETC:** 4

### CHST R107 History of Mexicans in the United States 3 Units

*Same-As:* HIST R107

*In-Class Hours:* 52.5 lecture

This course is a historical survey of the Mexican/Chicano experience from the pre-Columbian period to the present. The emphasis is on Mexican settlement of Greater Mexico and the Southwest United States within the broader history of the United States. In the process, the course covers significant events in the historical development of the United States and Mexico—the colonial era, the early National period, the westward (and northward) movement of people across America in the last 150 years, and U.S.-Mexico relations in the 19th and 20th centuries.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2, F

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D, US-1

**IGETC:** 4

**CHST R108 Sociology of the Chicano Community 3 Units**

Same-As: SOC R108

In-Class Hours: 52.5 lecture

This course examines the institutional and structural conditions that have and continue to shape the Chicana/o experience in the United States. This course makes use of a Sociological perspective that incorporates various paradigms/theories including but not limited to: Stratification, Colonialism/Imperialism, Chicana Feminism, Queer Theory, Conflict Theory, and Assimilation/Acculturation. Of specific interest is the impact of social institutions such as: Education, the Legal System, the Economy, Politics, Family, and the Media on the Chicana/o community. This course will examine institutionally perpetuated systems of oppression and privilege such as: white supremacy, sexism, heteronormativity, and classism.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2, F

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D

**IGETC:** 4

- Social Justice Studies - Chicana/o Studies, Associate in Arts for Transfer (p. 234)
- Chicana/o Studies, Associate in Arts (p. 233)

For more information contact:

**Liberal Studies Division Office (805) 678-5804**

## Chicana/o Studies, Associate in Arts

The Associate in Arts in Chicana/o Studies advances a critical understanding of the Chicana/o and Latina/o experience in the United States. The curriculum is designed to provide an awareness, knowledge, and appreciation of the language, history, culture, politics, and creative accomplishments and contributions of Chicana/o and Latina/o communities. Whether completing the AA in preparation for transfer to a Bachelor's degree program in Chicana/o Studies or to deepen one's understanding of Chicana/o culture, students pursuing the AA in Chicana/o Studies will have the opportunity to select from a wide range of courses that reflect the multidisciplinary approach of the major.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
CHST R101	Introduction to Chicana/o Studies	3
CHST R102	Chicana/o Cultural Identity	3
CHST/SOC R108	Sociology of the Chicano Community	3
<b>Restricted Electives - Complete a minimum of 9 units from the following:</b>		
CHST/HIST R107	History of Mexicans in the United States	3
BRS R101/ ANTH R119/ETHS R119	Introduction to Border Studies	3
SOC R103	Race and Ethnic Relations	3
ART R174 or ART R174H	Latin American Art Honors: Latin American Art	3
DANC R110A	Mexican Folklorico Dance I	2

DANC R110B	Mexican Folklorico Dance II	2
ENGL R126	Introduction to Chicana/o Literature	3
HIST R109	History of Mexico	3
HIST R126	History of Latin America	3
MUS R109	Music of Latin America	3
MUS R126	Mariachi Ensemble	1
SPAN R200	Intermediate Spanish I	4
SPAN R210	Intermediate Spanish II	4
SPAN R232 or SPAN R232H	Latin American Literature Honors: Latin American Literature	3
SPAN R234	Latin American and Spanish Film	3
SPAN R236 or SPAN R236H	Cultures of Latin America Honors: Cultures of Latin America	3
SPAN R220 or SPAN R220H	Spanish for Heritage Speakers I Honors: Spanish for Heritage Speakers I	4
SPAN R230 or SPAN R230H	Spanish for Heritage Speakers II Honors: Spanish for Heritage Speakers II	4
<b>Total Required Major Units</b>		<b>18-20</b>
Oxnard College General Education		29
Double-Counted Units		- 17
Free Electives Required		30
<b>Total Required Units for A.A. Degree</b>		<b>60</b>
OR		
<b>Total Required Major Units</b>		<b>18-20</b>
CSU GE-Breadth		39
Health (can be taken within CSU GE)		3
Physical Education		1
Double-Counted Units		- 9-18
Free Electives Required		8-17
<b>Total Required Units for A.A. Degree</b>		<b>60</b>
OR		
<b>Total Required Major Units</b>		<b>18-20</b>
IGETC		37
Health		3
Physical Education		1
Double-Counted Units		- 9-18
Free Electives Required		10-19
<b>Total Required Units for A.A. Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Students will critically analyze the Chicana/o experience from a variety of cultural, historical, and socio-political theories and perspectives.
- Students will apply historical and cultural knowledge of the Chicana/o experience in the analysis of contemporary socio-political issues facing the Chicana/o communities.
- Students will develop and articulate effective plans for promoting culturally-responsive social change in the Chicana/o communities and broader society.

## Social Justice Studies - Chicana/o Studies, Associate in Arts for Transfer

The AA-T in Social Justice Studies – Chicana/o Studies program seeks to introduce students to the broader field of Social Justice Studies, providing a theoretical framework for the study of race, ethnicity, gender, sexuality, and identity while also providing students with the opportunity to examine and analyze historical, social, and political context and events that have shaped the Chicana/o experience. The Social Justice Studies – Chicana/o Studies major gives students a wide variety of options to pursue courses relevant to their intended transfer major as well as courses that provide cultural experiences in art, music, dance, and language.

Students completing an AA-T in Social Justice Studies – Chicana/o Studies will be prepared for transfer to a number of majors within the CSU including but not limited to Chicano/Chicana Studies, Mexican-American Studies, Latin American Studies, Ethnic Studies, Multicultural and Gender Studies, Liberal Studies - Border Studies Option and Ethnic Studies.

Each CSU campus determines which of the degrees it offers are “similar” and can be completed with the preparation included in the AA-T in Social Justice Studies – Chicana/o Studies within 60 units once a student transfers, so which majors are “similar” varies from CSU to CSU. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as “similar” to this degree at each CSU campus, please refer to CSU’s Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) webpage and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

### To earn an AA-T in Social Justice Studies - Chicana/o Studies, students must:

- Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth (CSU GE-Breadth) requirements.
  - A minimum of 18 semester units in the Social Justice Studies – Chicana/o Studies major as listed in the Oxnard College catalog.
- Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
- Obtain a grade of “C” or better or “P” in all courses required in the major. Even though a “pass-no-pass” is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.
- Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that accepts the Social Justice Studies – Chicana/o Studies AA-T will be required to complete no more than 60 units after transfer to earn a bachelor’s degree (unless the major is a designated “high-unit” major at a particular campus). This degree may not be the best option for students intending to transfer to a

particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/ Hours
<b>Required Core Courses:</b>		<b>9</b>
CHST R101	Introduction to Chicana/o Studies	
<b>Complete one of the following courses:</b>		<b>3</b>
SJS R110	Introduction to Social Justice Studies	
SOC R103	Race and Ethnic Relations	
<b>Complete one of the following courses:</b>		<b>3</b>
SJS R120	Introduction to Women's Studies	
SJS R130	Introduction to LGBTQ Studies	
PSY R107/ SOC R104	Sex Roles	
SOC R140	Sociology of Gender	
<b>List A - Complete three courses from at least two of the following areas:</b>		<b>9</b>
<b>Area 1: History or Government</b>		<b>3</b>
CHST/HIST R107	History of Mexicans in the United States	
HIST R109	History of Mexico	
<b>Area 2: Arts and Humanities</b>		<b>3</b>
ART R174 or ART R174H	Latin American Art Honors: Latin American Art	
ENGL R126	Introduction to Chicana/o Literature	
ENGL R129	Introduction to Latinx Literature	
MUS R109	Music of Latin America	
SPAN R232 or SPAN R232H	Latin American Literature Honors: Latin American Literature	
<b>Area 3: Social Science</b>		<b>3</b>
CHST R102	Chicana/o Cultural Identity	
BRS R101/ ANTH R119/ETHS R119	Introduction to Border Studies	
SOC/CHST R108	Sociology of the Chicano Community	
<b>Area 4: Quantitative Reasoning and Research Methods</b>		<b>3-4</b>
MATH R105 or MATH R105H	Introductory Statistics Honors: Introductory Statistics	
or PSY R103	Beginning Statistics for Behavioral Science	
or SOC R125	Statistics for the Behavioral and Social Sciences	
or PSY R104	Research Methods in Psychology	
or SOC R111	Introduction to Social Research	
<b>Area 5: Major Preparation</b>		
SPAN R200	Intermediate Spanish I	
SPAN R210	Intermediate Spanish II	
SPAN R220 or SPAN R220H	Spanish for Heritage Speakers I Honors: Spanish for Heritage Speakers I	
SPAN R230 or SPAN R230H	Spanish for Heritage Speakers II Honors: Spanish for Heritage Speakers II	
<b>Total Required Major Units</b>		<b>18-20</b>
CSU GE-Breadth		39
Double-Counted Units		- 9-18



Free Electives Required	12-21
<b>Total Units Required for AA-T Degree</b>	<b>60</b>
OR	
<b>Total Required Major Units</b>	<b>18-20</b>
IGETC	37
Double-Counted Units	- 9-18
Free Electives Required	10-23
<b>Total Units Required for AA-T Degree</b>	<b>60</b>

Upon successful completion of this program, students will be able to:

- Demonstrate broad familiarity with Chicana and Chicano histories and the ways in which such histories have shaped and are shaping contemporary Chicana and Chicano experiences.
- Identify the ways in which institutional forces (such as legal, educational, public policy, economic practices and informal norms and discourses) impact Chicana and Chicano lives.
- Demonstrate general knowledge of Chicana/o impact on culture.
- Describe how gendered, classed, sexualized, and racialized forms of identity have shaped the Chicana/o experience.

## Child and Adolescent Development

- Child and Adolescent Development, Associate in Arts for Transfer (p. 235)

For more information contact:

Liberal Studies Division Office (805) 678-5804

## Child and Adolescent Development, Associate in Arts for Transfer

*\*Program was changed after publication of catalog. Please see addendum (p. 496) for details.*

The Associate in Arts in Child and Adolescent Development is a 60-unit degree program that provides a solid lower-division preparation for students planning to transfer to a CSU for a Bachelor's degree in Child and Adolescent Development, Child Development, Child, Adolescent & Family Studies, Human Development or other related majors. In this major, students will explore theories and concepts about biophysical, socio-emotional, and cognitive developmental milestones from conception through adolescence; individual and cultural differences; and common variations in development. In this broad, interdisciplinary curriculum, students will develop critical thinking, writing, and oral presentation skills in preparation to be professionals working with children and families.

Students completing this degree will possess a working knowledge of human development from childhood through adolescence and will understand the importance of the family and cultural connection to the developing child.

Students completing a four-year Bachelor's degree in Child and Adolescent Development or Child Development will have a foundation for a wide range of careers in developmentally related public organizations, teaching institutions, service agencies, and mental and physical health facilities, child advocacy, and youth programs, and will be prepared for advanced degrees and professional programs in the fields of clinical social work, clinical psychology, school psychology, school counseling,

K-12 teaching, college teaching, public policy, and developmental research.

The Associate in Arts in Child and Adolescent Development for Transfer (Child and Adolescent Development AA-T) is intended for students who plan to complete a bachelor's degree in a "similar" major at a CSU campus. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to [icangotocollege.com](http://catalog.vcccd.edu/oxnard/programs-courses/child-adolescent-development/child-adolescent-development-aat/icangotocollege.com) (<http://catalog.vcccd.edu/oxnard/programs-courses/child-adolescent-development/child-adolescent-development-aat/icangotocollege.com>) and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

The following is required for all AA-T or AS-T degrees:

1. Minimum of 60 CSU-transferable semester units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Completion of a minimum of 18 semester units in an "AA-T" or "AS-T" major as detailed in the Course and Program Information section of the catalog. All courses in the major must be completed with a grade of C or better or a "P" if the course is taken on a "pass-no pass" basis (Title 5 § 55063).
4. Certified completion of the California State University General Education-Breadth pattern (CSU GE-Breadth) (see page 77 for more information); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern (see page 85 for more information).
5. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residency at the college granting the degree.

Students transferring to a CSU campus that does accept the Child and Adolescent Development AA-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
ECE R102	Child Growth and Development	9-10
PSY R101	General Psychology	
<b>Statistics - Select one of the following:</b>		
MATH R105	Introductory Statistics or MATH R105H Honors: Introductory Statistics	3-4
PSY R103	Beginning Statistics for Behavioral Science	
SOC R125	Statistics for the Behavioral and Social Sciences	
<b>Select three courses from the following three groups</b>		
<b>Group 1 - Select one course:</b>		
ANTH R102	Introduction to Cultural Anthropology or ANTH R102H Honors: Introduction to Cultural Anthropology	9

ECE R106	Child, Family and Community	
SOC R101	Introduction to Sociology	
SOC R106	Contemporary Family in American Society	
<b>Group 2 - Select up to two courses:</b>		
PSY R108	Developmental Psychology	
BIOL R101	General Biology	
<b>Group 3 - Select up to two courses:</b>		
ECE R103	Programs for Young Children	
ECE R107	Teaching in a Diverse Society	
ECE R111	Observation and Assessment	
ECE R112	Practicum in Early Childhood Education	
ECE R113		
ECE R129	Child Nutrition, Health and Safety	
MATH R102	Mathematics for Elementary School Teachers	
POLS R101	Government of the United States I: Institutions and Politics	
GEOG R101	Elements of Physical Geography	
GEOG R102	World Regional Geography	
GEOG R105	Introduction to Human Geography	
COMM R101	Introduction to Oral Communication	
COMM R110	Small Group Communication	
<b>Total Required Major Units</b>		<b>18-20</b>
<b>CSU GE-Breadth</b>		<b>39</b>
Double-Counted Units		-12-18
Free Electives Required		15-21
<b>Total Units Required for AA-T Degree</b>		<b>60</b>
OR		
<b>IGETC</b>		<b>37</b>
Double-Counted Units		- 12-18
Free Elective Required		17-23
<b>Total Units Required for AA-T Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Compare and contrast typical and atypical development of children and adolescents.
- Locate, interpret, and critically evaluate scholarly articles in developmental psychology.
- Apply theoretical knowledge and methodological skills to observation, assessment, and interaction with children, adolescents, and the adults in their environment.
- Describe the scientific approach to developmental psychology.
- Apply basic research methods in developmental psychology, including research design, qualitative and quantitative analysis, and interpretation.
- Clearly and effectively express ideas using oral communication skills with attention to audience and topic.
- Demonstrate effective written communication skills using APA format when appropriate.
- Evaluate the role that context (i.e., family, peers, schools, communities, cultures) plays in development.
- Describe and defend the guidelines for the ethical treatment of children and adolescents as articulated by the American

Psychological Association, the Society for Research in Child Development, and the Society for Research on Adolescence.

## Coastal Environmental Studies

Coastal environmental studies explore the interactions between humans and the coastal environment. It integrates topics from multiple disciplines to aid in understanding the complex interactions between humans and the intersection between ocean and land.

The A.S. in Coastal Environmental Studies is primarily intended for students pursuing a Bachelor's of Science in Environmental Studies or Environmental Science at a University of California school or a school outside the UC and CSU systems after transfer. As each UC has their own requirements it is important students consult closely with a counselor when planning their course of studies. Students interested in transfer to a California State University might consider the AS-T in Environmental Science instead.

- Coastal Environmental Studies, Associate in Science (p. 236)

For more information contact:

**Jim Danza**  
**(805) 678-5209**  
 jdanza@vcccd.edu (jdanza@vcccd.edu)

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 snewby@vcccd.edu

## Coastal Environmental Studies, Associate in Science

This degree focuses on the interaction between humans and the coastal environment including biological, physical, and economic impacts. Students will use the scientific method and an understanding of ecological principles to critically analyze information on the ways human activities affect the environment. The A.S. in Coastal Environmental Studies is primarily intended for students pursuing a Bachelor's of Science in Environmental Studies or Environmental Science at a UC after transfer.

Students who plan to transfer to a four-year university should consult closely with a counselor and consult the ASSIST (<https://assist.org/>) website to determine which courses best fit their intended major and/or emphasis at the intended transfer institution.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
<b>Life Science Requirements</b>		<b>8-10</b>
Complete both Biology courses. Most transfer institutions also require the laboratory courses as part of the degree.		
BIOL R120	Principles of Biology I	4
BIOL R120L	Principles of Biology I Lab: Intro to Cellular and Molecular Biology	1
BIOL R122	Principles of Biology II	4
BIOL R122L	Principles of Biology II Laboratory	1
<b>Chemistry Requirements:</b>		<b>10</b>

Complete both Chemistry courses. Please note that some transfer institutions also require the organic chemistry series.

CHEM R120	General Chemistry I	5
CHEM R122	General Chemistry II	5

**Earth Science Requirement: 3-4**

Complete the Physical Geology lecture course. If required by the intended transfer institution, complete the Geology lab.

GEOL R101	Physical Geology	3
GEOL R101L	Physical Geology Laboratory	1

**Economics Requirements: 3**

Choose the appropriate Economics course. Some transfer institutions require both ECON R201 and ECON R202.

ECON R201	Introduction to the Principles of Microeconomics	3
or ECON R201H	Honors: Introduction to the Principles of Microeconomics	
ECON R202	Introduction to the Principles of Macroeconomics	3
or ECON R202H	Honors: Introduction to the Principles of Macroeconomics	

**Math Requirements: 10**

Complete both courses in Calculus. Please note that some transfer institutions also require statistics and/or additional math courses.

MATH R120	Calculus with Analytic Geometry I	5
MATH R121	Calculus with Analytic Geometry II	5

**Physics Requirements: 10-15**

Complete one Physics series.

PHYS R121	Physics with Calculus 1	5
PHYS R122	Physics with Calculus 2	5
or		
PHYS R131	Physics for Scientists and Engineers 1	5
PHYS R132	Physics for Scientists and Engineers 2	5
PHYS R133	Physics for Scientists and Engineers 3	5

**Social Science Requirements: 3**

Select 3 units from the following. Some transfer institutions require POLS R100 or POLS R104 as well as 3 additional Social Science units from the remaining choices.

ANTH R102	Introduction to Cultural Anthropology	3
or ANTH R102H	Honors: Introduction to Cultural Anthropology	
PHIL R102	Introduction to Ethics	3
or PHIL R102H	Honors: Introduction to Ethics	
POLS R100	Introduction to Politics	3
POLS R104	Introduction to International Relations	3
SOC R101	Introduction to Sociology	3
or SOC R101H	Honors: Introduction to Sociology	
SOC R102	Social Problems	3

**Coastal Studies Electives: 3**

Select a minimum of 3 units of electives from the list below. Some transfer institutions require ESRM R100. Students should refer to ASSIST.org for guidance on course selection.

ESRM R100	Introduction to Environmental Science	3
ESRM R100L	Introduction to Environmental Science Laboratory	1

BIOL/MST R100	Marine Biology	3
BIOL/MST R100L	Marine Biology Laboratory	1
BIOL/MST R170	Biological Marine Resource Management	1
GEOL/MST R103	Introduction to Oceanography	3
GEOL/MST R103L	Introduction to Oceanography Laboratory	1
GEOL/MST R178	Geological Marine Resources	1
MST R199	Directed Studies in Marine-Related Topics	1-3

**Total Required Major Units 50-58**

Oxnard College General Education	29
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Double-Counted Units	- 12
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Free Electives Required	0
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**Total Required Units for A.S. Degree 67-75**

OR

**Total Required Major Units 50-58**

CSU GE-Breadth	39
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Health (can be taken within CSU GE)	3
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PE / Kinesiology	1
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Double-Counted Units	- 15-18
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Free Elective Required	0
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**Total Required Units for A.S. Degree 75-86**

OR

**Total Required Major Units 50-58**

IGETC	37
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PE / Kinesiology	1
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Double-Counted Units	- 16
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Free Elective Required	0
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**Total Required Units for A.S. Degree 75-83**

To complete the ASSOCIATE IN SCIENCE DEGREE, students must meet requirements in the major, general education, competency, units, scholarship, and residency. Refer to Earn an Associate Degree (p. 53) and the A.A. or A.S. Degree in Specific Majors (p. 55) sections of this catalog.

Upon successful completion of this program, students will be able to:

- Use the scientific method and an understanding of ecological principles to critically analyze information on the ways human activities affect the environment.
- Analyze the inherent environmental, social, and economics of living sustainably on current and future generations.
- Demonstrate proper use of a variety of field and/or laboratory techniques used in fields of environmental study.
- Understand and communicate complex relationships between natural and human systems.
- Demonstrate knowledge of the roles of societal and political organizations in environmental policy-making, regulation, compliance, and enforcement.

## Communication Studies

The Communication Studies major analyzes processes of communication, commonly defined as the sharing of symbols over distances in space and time. Hence, communication studies encompasses a wide range of topics and contexts ranging from face-to-face conversation to public speeches to mass media outlets such as television broadcasting and film studies. Communication Studies, as a discipline, is also interested in how audiences interpret information from

the political, cultural, economic, and social dimensions of speech and language.

There are many areas of specialization offered within the Communication Studies majors including Advertising, Public Relations, Journalism, Digital Media, Organizational Communication, Intercultural Communication, Interpersonal Communication, Rhetoric, and Media Studies. Studying communication will also enhance any career, but a few specific careers include business, public relations, human resources, law [after law school], advertising arts, teaching, social services, human services, and entertainment industries are all suited for graduates with a Communication Studies degree. Finally, students who are interested in the field of Communication Studies but do not wish to complete a Baccalaureate degree in the discipline, may pursue a terminal two-year course of study. Such study will prepare them to understand diverse communication messages and practice excellent communication skills in a variety of settings.

#### **COMM R100 ESL Academic Oral Communication 3 Units**

*Formerly:* SPCH R108

*Same-As:* ESL R108

*In-Class Hours:* 52.5 lecture, 17.5 laboratory

*Advisories/Rec Prep:* ESL R048 or ESL R802A

This course is designed to help advanced non-native speakers of English communicate well in academic, professional, and social settings through practice in basic principles of oral communication (with an emphasis on most effective use of voice and body). Students will engage in group discussion, public speeches, and oral reading.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

#### **COMM R101 Introduction to Oral Communication 3 Units**

*In-Class Hours:* 52.5 lecture

*Advisories/Rec Prep:* ENGL R101

*C-ID:* COMM 110

This course provides training and practice in basic principles of effective oral communication through participation in public speaking, group discussion, and oral reading. It emphasizes being at ease in front of, and with, a group, and developing constructive attitudes, organized thinking, proper use of voice and body, and critical listening.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** D2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** A1

**IGETC:** 1C

#### **COMM R102 Introduction to Communication Studies 3 Units**

*In-Class Hours:* 52.5 lecture

*C-ID:* COMM 180

This course introduces students to the field of Communication Studies. Communication theories and foundational principles of communication will help students recognize and use this complex, dynamic, and often misunderstood process. Students will also explore the various contexts of communication such as interpersonal, intercultural, gender, and group communication.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D

**IGETC:** 4

#### **COMM R107 Argumentation and Debate 3 Units**

*In-Class Hours:* 52.5 lecture

*C-ID:* COMM 120

This course introduces argumentation methodology, communication theory, rhetorical theory, critical listening, and critical thinking. It will include training in persuasive analysis, cross-examination, and delivery. Emphasis will be placed on research, using evidence, and detecting fallacies. Practice debates on class-selected topics will take place throughout the course of the semester.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** D2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** A1, A3

**IGETC:** 1C

#### **COMM R110 Small Group Communication 3 Units**

*In-Class Hours:* 52.5 lecture

*C-ID:* COMM 140

This course focuses on the principles and methods of communication in a small group setting. Group interactions such as problem solving, leadership, and decision-making will be analyzed. Students will develop individual and group communication skills to prepare for the workplace and other group communication.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** D2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** A1

**IGETC:** 1C

**COMM R111 Interpersonal Communication 3 Units***Formerly:* SPCH R111*In-Class Hours:* 52.5 lecture*C-ID:* COMM 130

This course provides an introduction to the dynamics of communication in one-to-one relationships. Communication experiences, behaviors, and rules governing interpersonal contexts are explored. Specific relationships such as friendship, family, and co-workers are the highlights of the course. Topics include language, perception, non-verbal cues, and listening. This course will help students effectively communicate in interpersonal encounters.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** A1, D**IGETC:** 1C, 4**COMM R113 Intercultural Communication 3 Units***Formerly:* SPCH R113*In-Class Hours:* 52.5 lecture*C-ID:* COMM 150

This course provides an introduction to intercultural communication in domestic and global contexts. It leads to a greater appreciation of other cultures through increased awareness of, and sensitivity to, different cultural viewpoints. Topics include language, verbal and nonverbal communication, perception, and technology which allow students to examine communication within the larger context of American culture.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**COMM R114 Introduction to Communication Research 3 Units***In-Class Hours:* 52.5 lecture*Advisories/Rec Prep:* COMM R101

This course explores communication research processes in order to find, read, understand, create, and use communication research in daily work. Students will apply communication theory and methods to investigate pressing communication-related questions. Students will also investigate methods and analytical techniques including observation, interviews, focus groups, surveys, and content analysis.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

- Communication Studies, Associate in Arts for Transfer (p. 239)

*For more information contact:***Dr. Amy Edwards (805) 678-5102** aedwards@vccd.edu

## Communication Studies, Associate in Arts for Transfer

The Associate in Arts in Communication Studies for Transfer (Communication Studies AA-T) at Oxnard College offers students curriculum that embraces the many facets of human communication including public speaking, argumentation, interpersonal, intercultural, and group communication. Students will ultimately enhance their communication competency by studying theories and concepts; students will also engage in practical communicative demonstrations.

The AA-T in Communication Studies is intended for students who plan to complete a bachelor's degree in Communication Studies or other majors designated as "similar" major by a CSU campus. For a current list of what majors (and what options or areas of emphasis within majors) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

To earn an AA-T in Communication Studies, students must:

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 18 semester units in the Communication Studies major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that accepts the Communication Studies AA-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major at a particular campus. This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university and transfer admission requirements.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		<b>3</b>
COMM R101	Introduction to Oral Communication	
<b>List A - Complete two courses from the following:</b>		<b>6</b>
COMM R107	Argumentation and Debate	
COMM R110	Small Group Communication	



COMM R111	Interpersonal Communication	
<b>List B Complete two courses from the following:</b>		<b>6</b>
Any course from List A not already selected		
COMM R113	Intercultural Communication	
COMM R102	Introduction to Communication Studies	
FTVE R100	Introduction to Electronic Media	
<b>List C - Complete one course from the following:</b>		<b>3-4</b>
Any course from List A or B not already selected		
ANTH R102	Introduction to Cultural Anthropology	3
or ANTH R102H	Honors: Introduction to Cultural Anthropology	
ENGL R102	Critical Thinking through Composition and Literature	4
or ENGL R102H	Honors: Critical Thinking through Composition and Literature	
ENGL R128	Composition and Critical Thinking through Non-Fiction	3
COMM R114	Introduction to Communication Research	3
<b>Total Required Major Units</b>		<b>18-19</b>
<b>CSU GE-Breadth</b>		<b>39</b>
Double-Counted Units		- 9-18
Free Electives Required		12-21
<b>Total Units Required for AA-T Degree</b>		<b>60</b>
OR		
<b>IGETC</b>		<b>37</b>
Double-Counted Units		- 3-12
Free Electives Required		8-17
<b>Total Units Required for AA-T Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Display written and oral communication skills by critically evaluating information, analyzing structure, developing arguments, and supporting positions.
- Think and listen critically and be able to evaluate their own communication competence.
- Understand the interdependencies of culture and communication in dyads, groups, organizations, and communities.
- Apply interpersonal, group, and intercultural concepts and theories to their personal communication encounters.
- Apply appropriate communication theories to verbal, nonverbal, and mediated messages, texts, and/or interactions.

## Computer Applications & Office Technologies

The Computer Applications and Office Technologies programs prepare students for employment with the necessary skill sets for administrative assistant and general office careers, the emphasis being on administrative support. Students prepare for entry- to mid-level positions in a variety of business, government, and educational settings, as well as prepare for career and academic advancement.

## Noncredit Courses

### CAOT R800 Introduction to Business Information Worker 0 Units

*In-Class Hours:* 56 noncredit

This course provides instruction and practical applications in current office techniques. Students will learn about the workplace environment, communication skills, business English, soft skills, ethics, customer focus, team work, technology basics, workforce behaviors, business correspondence, meetings and travel, and job search among other related topics essential for employment in office positions.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### CAOT R801 Keyboarding (Alpha and Numeric) 0 Units

*In-Class Hours:* 43 noncredit

This course is for the beginning student and provides instruction and development of fundamental skills in the operation of the keyboard including letter, number, symbol, special keys, and the numeric keypad.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### CAOT R802 Keyboarding Speed and Accuracy 0 Units

*In-Class Hours:* 58 noncredit

This course is designed to improve speed and accuracy in using the keyboard through development of proper technique, assessment of keyboarding deficiencies, and through individual practice to improve keyboarding deficiencies. It is for students who know the keyboard by touch but need more work on speed and/or accuracy. Drills for speed development and accuracy will be self-paced.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### CAOT R803 Computer Literacy 0 Units

*In-Class Hours:* 24 noncredit

This course is designed for those with little or no computer experience. Learners practice file management, email, instant messaging, Internet browsing and searching. This course includes a brief introduction to industry standard Microsoft Office (word processing, spreadsheet, and presentation) application programs. Computer terminology and identification of fundamental hardware and software applications is introduced.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**CAOT R804 MS Outlook 0 Units**

*In-Class Hours:* 32 noncredit

This course introduces personal management software and use of Microsoft Outlook functions. Topics include management of e-mail, organization of contacts, creation and scheduling of events using the calendar, and creating and managing tasks for personal and business use. Customization of Outlook features is also covered.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**CAOT R805 MS Word 0 Units**

*In-Class Hours:* 50 noncredit

*Advisories/Rec Prep:* CAOT R801

This course is designed to provide the learner with basic to intermediate level of understanding of word processing with Microsoft Word including basic document creation, formatting, and editing using Microsoft Word. Learners create, edit, and format business letters, multiple-page reports, newsletters, and cover letters. This course prepares the student for the Microsoft Office User certification exam for Word.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**CAOT R806 MS Excel 0 Units**

*In-Class Hours:* 50 noncredit

*Advisories/Rec Prep:* CAOT R801

This course is designed to provide the learner with a basic to intermediate understanding of Microsoft Excel beginning with spreadsheet design, creation, revision, formatting, and printing a workbook. Formulas, functions, and syntax are introduced along with an introduction to using charts and graphs. Problem solving for Excel solutions is also emphasized. This course prepares the student for the Microsoft Office User Certification exam for Excel.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**CAOT R807 MS PowerPoint 0 Units**

*In-Class Hours:* 32 noncredit

This course provides the learner with experience planning, creating, editing, viewing, print and run professional PowerPoint presentations. Included is the opportunity to add and modify both text and graphics; insert and modify information graphics and multimedia; apply, modify, and create master pages; and to apply, modify, and create templates. Integration with other Microsoft programs is included.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

- Business Information Worker Quick Start, Certificate of Completion (p. 438)

*For more information contact:*

**Tim Fontenette**  
**(805) 678-5266**  
 tfontenette@vcccd.edu

## Business Information Worker Quick Start, Certificate of Completion Noncredit

The Business Information Worker (BIW) Quick Start Certificate of Completion program is designed to prepare students for positions as office and administrative support workers and work closely with management in a business, professional, educational, or industrial office.

Students having successfully completed the BIW Quick Start coursework will have gained marketable skills required of the BIW—a California Community Colleges Pathway to Success initiative that leads to job readiness for an in-demand occupation.

The program is offered in the noncredit format. Noncredit instruction provides access to a variety of courses tuition free to assist students in reaching their personal, academic and professional goals.

Course ID	Title	Units/Hours
<b>Required Core</b>		
CAOT R800	Introduction to Business Information Worker	56
CAOT R801	Keyboarding (Alpha and Numeric)	43
CAOT R802	Keyboarding Speed and Accuracy	58
CAOT R803	Computer Literacy	24
CAOT R804	MS Outlook	32
CAOT R805	MS Word	50
CAOT R806	MS Excel	50
CAOT R807	MS PowerPoint	32
<b>Total Hours</b>		<b>345</b>
<b>Year 1</b>		
<b>Fall Semester</b>		<b>Units/Hours</b>
CAOT R800	Introduction to Business Information Worker	56
CAOT R801	Keyboarding (Alpha and Numeric)	43
CAOT R802	Keyboarding Speed and Accuracy	58
CAOT R803	Computer Literacy	24
CAOT R804	MS Outlook	32
CAOT R805	MS Word	50
CAOT R806	MS Excel	50
CAOT R807	MS PowerPoint	32
<b>Units/Hours</b>		<b>345</b>
<b>Total Units/Hours</b>		<b>345</b>

Upon successful completion of this program, students will be able to:

- Use the Web to conduct research
- Organize and maintain paper and electronic files
- Prepare letters, memos and e-mail

- Schedule appointments
- Prepare presentation materials including researching topic, writing basic content and preparing visuals
- Apply effective telephone techniques
- Create basic spreadsheets
- Work in teams with other administrative professionals

## Computer Information Systems

### CIS R100 Introduction to Computer Information Systems 3 Units

*In-Class Hours:* 52.5 lecture

*C-ID:* BUS 140

This course is a comprehensive introduction to computer technology and information systems and their relationship to business and society. Students will be introduced to computer terminology, computer systems, hardware, software, the Internet and World Wide Web, communications and networking, programming languages, information systems, data structures, database management, enterprise computing, computer security, ethics, and privacy, careers in the computer industry, as well as the impact of computers on business and society as a whole.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

*For more information contact:*

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## Computer Networking/Information Technology

The Computer Networking/IT program prepares students for excellent career opportunities that are in demand such as a PC technician, IT support technician, IT help desk, computer network engineer, network administrator, cybersecurity, wireless network administrator, virtualization specialist, cloud-based solution advisor and implementer, and sales.

The program offers an Associate in Science Degree or Certificate of Achievement in Computer Networking/IT as well as preparation in for Cisco®, CompTIA®, and Microsoft® certification exams. Our academic partnerships with Cisco, CompTIA, and Microsoft provides students with significant discounts on certification exams. We have also partnered with Google Cloud, Microsoft Azure, and Amazon AWS so that students can be trained on these popular cloud computing platforms.

The field of Computer Networking/IT evolves at a fast pace and the program frequently updates course content to keep up with the changes in the industry. The program is a Cisco Networking Academy, CompTIA Authorized Partner Program, and a member of the Microsoft Imagine Academy. Our relationships with these leaders in the industry keeps our curriculum and training current.

### CNIT R101 IT Essentials 3 Units

*Formerly:* ENGT R150

*In-Class Hours:* 43.75 lecture, 26.25 laboratory

This course is a technical introduction to computing devices and the operating systems they run. Additional course topics include the essentials of computer networks, wireless networking, cybersecurity, and printers. This course also covers soft skill topics such as customer service and communication. Students will gain a solid foundation in information technology that will help prepare them for entry-level positions in IT as well as the more advanced computer networking courses in the CNIT program.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### CNIT R120 Cisco CCNA Computer Networking I 4 Units

*Formerly:* ENGT R120

*In-Class Hours:* 52.5 lecture, 52.5 laboratory

*C-ID:* ITIS 150

This course is offered by the Oxnard College Cisco Networking Academy.

It covers foundation level computer networking including cabling, network topologies, local area networks (LANs), Ethernet, switching, routing, IPv4 and IPv6 addressing, TCP/IP protocols, and the Open Systems Interconnection (OSI) Model. The fundamentals of wireless networking and network security are also covered in this course.

Students will develop networking skills in this course from hands-on labs as well as the ability to troubleshoot common networking problems.

This is one of the essential courses to take on the pathway towards preparation for the Cisco CCNA certification and this is an appropriate first course to take in the CNIT program.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**CNIT R121 Cisco CCNA Computer Networking II 4 Units**

*Formerly:* ENGT R121

*In-Class Hours:* 52.5 lecture, 52.5 laboratory

*Prerequisites:* CNIT R120

*C-ID:* ITIS 151

This course is taken after students have acquired foundation-level computer networking knowledge from CNIT R120 (Cisco CCNA Networking I). The following topics are covered in this course: Static routing, dynamic routing protocols (RIPv2/EIGRP/OSPF), network address translation (NAT) and port address translation (PAT), Virtual Local Area Networks (VLANs), Access-Control Lists (ACLs), and DHCP. These topics are covered from the perspective of supporting networks using IPv4 or IPv6 addressing. Computer network security is emphasized in this course including port security, authentication, encryption, and analyzing protocol traffic. The curriculum is provided by the Cisco Networking Academy at no additional charge to students.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**CNIT R127 Wireless Networking Fundamentals 3 Units**

*Formerly:* ENGT R127

*In-Class Hours:* 43.75 lecture, 26.25 laboratory

This course covers the fundamentals of wireless networking technology. At the completion of this course, students will have the ability to design, implement, administer, secure, and troubleshoot a wireless local area network (WLAN). This course is also helping to prepare students for a vendor-neutral wireless certification exam from the Certified Wireless Network Professionals (CWNP) organization.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**CNIT R130 Administer Microsoft Windows 10 Operating System 3 Units**

*Formerly:* ENGT R130

*In-Class Hours:* 43.75 lecture, 26.25 laboratory

*Advisories/Rec Prep:* CNIT R101

This course prepares students to deploy, configure, and secure the Windows 10 operating system for an enterprise setting. This course also covers virtualizing Windows 10 using Hyper-V and securing apps. Students who successfully complete this course should be prepared for the Microsoft Windows 10 (MD-100) and Managing Modern Desktops (MD-101) certification exams. Completing this course effectively prepares students to earn their Microsoft 365 Certified: Modern Desktop Administrator Associate certification.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**CNIT R131 Administer Microsoft Windows Server 3 Units**

*Formerly:* ENGT R131

*In-Class Hours:* 43.75 lecture, 26.25 laboratory

*Advisories/Rec Prep:* CNIT R130

*C-ID:* ITIS 155

This course prepares students to administer the most recent version of the Microsoft Windows Server operating system while preparing students to become certified. Students will learn how to administer a network and manage resources including: configuring server roles, automating server deployments, setting up DHCP and DNS services, designing an Active Directory infrastructure, planning file and print services, managing user accounts, maintaining server availability with clusters, automating backups, virtualization, and deploying updates and security features.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**CNIT R142 CompTIA A+ Technician and Certification Preparation 4 Units***Formerly:* ENGT R142*In-Class Hours:* 52.5 lecture, 52.5 laboratory*C-ID:* ITIS 110

This course provides instruction and hands-on training in the areas of hardware installation, software configuration, diagnostics and troubleshooting, preventative maintenance, basic networking, basic security, wireless, and operating systems including Microsoft Windows, Android, and Apple OS X. Students will also receive instruction on safety and environmental considerations as it relates to computing environments. In addition, this course prepares students for the CompTIA A+ certification exam. Oxnard College is a CompTIA Authorized Partner Program which entitles our students to significant discounts on CompTIA certification vouchers.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**CNIT R143 CompTIA Linux+ Fundamentals and Certification Preparation 3 Units***Formerly:* ENGT R143*In-Class Hours:* 43.75 lecture, 26.25 laboratory

This course provides instruction and hands-on training on the Linux operating system. Students will gain an understanding of an open-source operating system, perform a Linux installation, administer user accounts, configure file settings, and customize settings of the operating system. The course will also cover networking with Linux, the command-line interface, security issues, and interoperability with other operating systems. Students in this course will complete a project-based learning activity using a Raspberry Pi computing device and the Linux OS. Also, this course prepares students for the CompTIA Linux+ certification. CompTIA certification voucher discounts are available to Oxnard College CNIT students.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**CNIT R144 CompTIA Network+ Fundamentals and Certification Preparation 4 Units***Formerly:* ENGT R144*In-Class Hours:* 52.5 lecture, 52.5 laboratory*C-ID:* ITIS 150

The CompTIA Network+ certification is an internationally recognized validation of the technical knowledge required of foundation-level IT network practitioners. A student who successfully completes this course should have the knowledge and hands-on skills necessary to design, install, manage, and troubleshoot a network infrastructure for both wired and wireless networks. This course will also cover network security basics. Students who successfully complete this course should be prepared for the CompTIA Network+ certification. CompTIA certification voucher discounts are available to all CNIT program students.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**CNIT R145 CompTIA Security+ IT Security and Certification Preparation 3 Units***Formerly:* ENGT R145*In-Class Hours:* 43.75 lecture, 26.25 laboratory*Advisories/Rec Prep:* CNIT R101 or CNIT R120 or CNIT R142 or CNIT R144*C-ID:* ITIS 160

The CompTIA Security+ course covers a wide variety of IT security topics at a foundation level including host security, network security, security issues related to cloud computing, vulnerabilities and threats, risk assessment and risk mitigation, and security policies. The course also covers access control, identity management, incident management, wireless network security, and cryptography. This course includes hands on cybersecurity training labs. Students who successfully complete this course should be prepared for the CompTIA Security+ certification exam which is the first security certification IT professionals should earn. It establishes the core knowledge required of any cybersecurity role and provides a springboard to intermediate-level cybersecurity jobs.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None



**CNIT R146 Cybersecurity: CompTIA PenTest+ 3 Units***In-Class Hours:* 43.75 lecture, 26.25 laboratory*Advisories/Rec Prep:* CNIT R145*C-ID:* ITIS 164

This course helps to prepare students for a lucrative career in cybersecurity. Students will learn the methods to perform a vulnerability scan and subsequently a penetration test on host-based and network-based systems. Students will learn how to interpret the results, write detailed summary reports, and recommend mitigation strategies. This course prepares students for the CompTIA PenTest+ certification.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**CNIT R151 Cloud Computing and Virtualization 4 Units***In-Class Hours:* 52.5 lecture, 52.5 laboratory*Advisories/Rec Prep:* CNIT R101 or CNIT R120 or CNIT R142

This course educates students about cloud computing, cloud deployment and service models, cloud infrastructure, cloud backup and storage, security issues related to the cloud, and how to leverage the cloud for cost savings. Students will also gain experience with the most popular cloud computing platforms in the market including Google Cloud, Amazon AWS, and Microsoft Azure.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**CNIT R161 Programming Essentials in Python 3 Units***In-Class Hours:* 43.75 lecture, 26.25 laboratory*C-ID:* ITIS 130

How great would it be to write your own computer program or design a modern web or desktop application? Both are a possibility if you learn how to code in Python. Python is the very versatile, object-oriented programming language used by startups and tech giants, Google, Facebook, Dropbox and IBM. Python is also recommended for aspiring young developers who are interested in pursuing careers in security, networking, artificial intelligence (AI), machine learning, and Internet-of-Things. This course utilizes the Cisco Networking Academy PCAP Python curriculum.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**CNIT R180 Certification Preparation 1 Unit***In-Class Hours:* 8.75 lecture, 26.25 laboratory*Enrollment Limitations:* Student must have previously taken a 3 or 4 unit CNIT course.

This course is designed to be taken after a student has completed a full semester 3 or 4 unit CNIT course that is mapped to a specific IT industry certification exam such as Cisco, CompTIA, Microsoft, etc. The purpose of this course is to provide focused certification preparation prior to a student actually taking the actual certification exam at a testing center such as PearsonVUE.

**Grade Modes:** Pass/No Pass Grading**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**CNIT R198C IT Projects 2 Units***In-Class Hours:* 1 lecture, 3 laboratory

This course will cover common IT projects. The following are examples of IT projects that may be covered in this course: IP video surveillance systems, home entertainment networks, setting up and optimizing a personal digital assistant, managing Internet of Things (IoT) Devices, virtual reality headsets, and Raspberry Pi computer projects. Course is offered Pass/No Pass (P/NP) at student's option.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

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- Computer Networking Information Technology, Certificate of Achievement (p. 247)
- Cybersecurity, Certificate of Achievement (p. 248)
- Administering Microsoft Windows, Proficiency Award (p. 245)
- Cisco Networking, Proficiency Award (p. 246)
- Wireless Networking, Proficiency Award (p. 249)

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## Administering Microsoft Windows, Proficiency Award

The Administering Microsoft® Windows Program is an award recognizing proficiency in administering the Microsoft Windows desktop and server operating systems.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
CNIT R130	Administer Microsoft Windows 10 Operating System	3
CNIT R131	Administer Microsoft Windows Server	3
<b>Total Units</b>		<b>6</b>

Upon successful completion of this program, students will be able to:

- Implement a password policy with group policy using the Windows Desktop Operating System that requires complex passwords, minimum password length, maximum password age, and enforces password history.
- Network Windows computers together and share default public folders by creating a Homegroup.
- Network the Windows Desktop Operating System using the appropriate IPv4 and or IPv6 address for the local area network (LAN).
- Demonstrate the skill and ability to configure Active Directory Roles and Services using Windows Server.
- Demonstrate the knowledge and skill necessary to create and maintain Active Directory objects using Windows Server.
- Demonstrate competency in soft skills to include the ability to write utilizing proper grammar and spelling, the ability to work in a team in a research activity, and the ability to present a computer networking/ IT topic as part of a team.

## Cisco Networking, Proficiency Award

The Cisco Networking Program is an award to recognize completers of the Cisco Networking Academy courses at Oxnard College including Cisco IT Essentials and Cisco CCNA.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
CNIT R101	IT Essentials	3
CNIT R120	Cisco CCNA Computer Networking I	4
CNIT R121	Cisco CCNA Computer Networking II	4
<b>Total Units</b>		<b>11</b>

Upon successful completion of this program, students will be able to:

- Have the knowledge and aptitude to create a routed network utilizing the proper cabling, IP addressing scheme, and routing protocol.
- Troubleshoot a computer network using a structured methodology.
- Demonstrate the ability to create a layered wireless security defense including strong encryption, MAC filter, complex admin password, and a non-broadcast SSID.
- Demonstrate competency in soft skills to include the ability to write utilizing proper grammar and spelling, the ability to work in a team in a research activity, and the ability to present a computer networking/ IT topic as part of a team.

## Computer Networking Information Technology, Associate in Science

The Computer Networking/IT Associate in Science prepares students for excellent career opportunities that are in demand such as a PC technician, IT support technician, IT help desk, computer network engineer, network administrator, cybersecurity professional, wireless network administrator, virtualization specialist, cloud-based solution advisor and implementer, and IT sales. Courses within the program prepare students for Cisco, CompTIA, and Microsoft certification exams.

Oxnard College's academic partnerships with Cisco, CompTIA, TestOut, and Microsoft provides students with significant discounts on certification exams. The College has also partnered with Google Cloud, Microsoft Azure, and Amazon AWS so that students can be trained on these popular cloud computing platforms. As a Cisco Networking Academy, Oxnard College students receive hands-on training on Cisco Systems networking gear.

The field of Computer Networking/IT evolves at a fast pace and the program frequently updates course content to keep up with the changes in the industry. The program is a Cisco Networking Academy, CompTIA Authorized Partner Program, and a member of Microsoft Azure for Education which entitles students to free Microsoft software titles. Oxnard College's relationships with these leaders in the industry helps to keep curriculum and training current.

Course ID	Title	Units/ Hours	
<b>Required Core Courses</b>			
CNIT R101	IT Essentials	<b>21</b>	
CNIT R120	Cisco CCNA Computer Networking I		
CNIT R121	Cisco CCNA Computer Networking II		
CNIT R130	Administer Microsoft Windows 10 Operating System		
CNIT R145	CompTIA Security+ IT Security and Certification Preparation		
CNIT R151	Cloud Computing and Virtualization		
<b>Select a minimum of 9 units from the following:</b>			<b>9</b>
CNIT R127	Wireless Networking Fundamentals		
CNIT R131	Administer Microsoft Windows Server		
CNIT R142	CompTIA A+ Technician and Certification Preparation		
CNIT R143	CompTIA Linux+ Fundamentals and Certification Preparation		
CNIT R144	CompTIA Network+ Fundamentals and Certification Preparation		
CNIT R161	Programming Essentials in Python		
CNIT R146	Cybersecurity: CompTIA PenTest+		
<b>Select a maximum of 4 units from the following:</b>		<b>0-4</b>	
COT R190V	Occupational Cooperative Unpaid Work Experience		
COT R191V	Occupational Cooperative Paid Work Experience		
<b>Total Required Major Units</b>		<b>30-33</b>	
Oxnard College General Education Pattern		29	
Double-Counted Units		0	

Free Electives Required	0-1
<b>Total Units Required for A.S. Degree</b>	<b>60-62</b>

To complete the Associate Degree, students must meet requirements in the major, general education, competency, units, scholarship, and residency. Refer to Education Pathways - Earn an Associate Degree and the A.A. or A.S. Degree in Specific Majors sections of this catalog.

Year 1		Units/Hours
<b>Fall Semester</b>		
CNIT R101	IT Essentials	3
CNIT R120	Cisco CCNA Computer Networking I	4
GE Area D1 English Composition (choose ENGL R101 or ENGL R101H)		4
GE Area B1 American History/Institutions (choose one course)		3
Recommended: ENGL R101 support course (choose ENGL R101S or ENGL R101E)		2
<b>Units/Hours</b>		<b>16</b>
<b>Spring Semester</b>		
CNIT R121	Cisco CCNA Computer Networking II	4
CNIT R151	Cloud Computing and Virtualization	4
Select one course from CNIT elective list		3-4
GE Area D2/Math Competency (choose one math course)		3-6
GE Area B2 Social and Behavioral Sciences (choose one course)		3
<b>Units/Hours</b>		<b>17-21</b>
<b>Year 2</b>		
<b>Fall Semester</b>		
CNIT R130	Administer Microsoft Windows 10 Operating System	3
CNIT R145	CompTIA Security+ IT Security and Certification Preparation	3
Select one course from CNIT elective list		1-4
GE Area A1 Biological Science (choose one course)		3-5
GE Area E1 Health Education (choose one course)		3
<b>Units/Hours</b>		<b>13-18</b>
<b>Spring Semester</b>		
Select one course from CNIT elective list		3-4
Select one course from CNIT elective list		1-4
GE Area A2 Physical Science (choose one course)		3-5
GE Area C1 Fine/Performing Arts (choose one course)		3
GE Area C2 Humanities		3
GE Area E2 Physical Education/Kinesiology (choose one activity course)		1
<b>Units/Hours</b>		<b>14-20</b>
<b>Total Units/Hours</b>		<b>60-75</b>

Upon successful completion of this program, students will be able to:

- Demonstrate the ability to upgrade a personal computer and install an operating system so that it can participate on a network.
- Create a routed network utilizing the proper cabling, IP addressing scheme, and routing protocol.
- Troubleshoot and properly document a computer network problem using a structured methodology.
- Implement technologies to create a secure network to protect the confidentiality of data and demonstrate competency in mitigating network vulnerabilities.
- Demonstrate competency in soft skills to include the ability to write utilizing proper grammar and spelling, the ability to work in a team in a research activity, and the ability to present a computer networking/IT topic as part of a team.

## Computer Networking Information Technology, Certificate of Achievement

The Computer Networking/IT Certificate of Achievement prepares students for excellent career opportunities that are in demand such as a PC technician, IT support technician, IT help desk, computer network engineer, network administrator, cybersecurity professional, wireless network administrator, virtualization specialist, cloud-based solution advisor and implementer, and IT sales. Courses within the program prepare students for Cisco, CompTIA, and Microsoft certification exams.

Oxnard College's academic partnerships with Cisco, CompTIA, TestOut, and Microsoft provides students with significant discounts on certification exams. The College has also partnered with Google Cloud, Microsoft Azure, and Amazon AWS so that students can be trained on these popular cloud computing platforms. As a Cisco Networking Academy, Oxnard College students receive hands-on training on Cisco Systems networking gear.

The field of Computer Networking/IT evolves at a fast pace and the program frequently updates course content to keep up with the changes in the industry. The program is a Cisco Networking Academy, CompTIA Authorized Partner Program, and a member of Microsoft Azure for Education which entitles students to free Microsoft software titles. Oxnard College's relationships with these leaders in the industry helps to keep curriculum and training current.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		<b>21</b>
CNIT R101	IT Essentials	3
CNIT R120	Cisco CCNA Computer Networking I	4
CNIT R121	Cisco CCNA Computer Networking II	4
CNIT R130	Administer Microsoft Windows 10 Operating System	3
CNIT R145	CompTIA Security+ IT Security and Certification Preparation	3
CNIT R151	Cloud Computing and Virtualization	4
<b>Select a minimum of 9 units from the following:</b>		<b>9</b>
CNIT R127	Wireless Networking Fundamentals	3
CNIT R131	Administer Microsoft Windows Server	3
CNIT R143	CompTIA Linux+ Fundamentals and Certification Preparation	3
CNIT R144	CompTIA Network+ Fundamentals and Certification Preparation	4
CNIT R146	Cybersecurity: CompTIA PenTest+	3
<b>Select a maximum of 4 units from the following:</b>		<b>0-4</b>
COT R190V	Occupational Cooperative Unpaid Work Experience	1-4
COT R191V	Occupational Cooperative Paid Work Experience	1-4
<b>Total Required Units for Certificate</b>		<b>30-33</b>

To complete the Certificate of Achievement, students must also meet requirements in scholarship and residency. Refer to Education Pathways

- Earn a Certificate of Achievement section in this catalog for specific information.

Year 1		
Fall Semester		Units/Hours
CNIT R101	IT Essentials	3
CNIT R120	Cisco CCNA Computer Networking I	4
CNIT R130	Administer Microsoft Windows 10 Operating System	3
Select one course from CNIT elective list		3-4
<b>Units/Hours</b>		<b>13-14</b>
Spring Semester		
CNIT R121	Cisco CCNA Computer Networking II	4
CNIT R151	Cloud Computing and Virtualization	4
Select one course from CNIT elective list		3-4
<b>Units/Hours</b>		<b>11-12</b>
Year 2		
Fall Semester		Units/Hours
CNIT R145	CompTIA Security+ IT Security and Certification Preparation	3
Select two courses from CNIT elective list		6-8
<b>Units/Hours</b>		<b>9-11</b>
<b>Total Units/Hours</b>		<b>33-37</b>

Upon successful completion of this program, students will be able to:

- Demonstrate the ability to upgrade a personal computer and install an operating system so that it can participate on a network.
- Create a routed network utilizing the proper cabling, IP addressing scheme, and routing protocol.
- Troubleshoot and properly document a computer network problem using a structured methodology.
- Implement technologies to create a secure network to protect the confidentiality of data and demonstrate competency in mitigating network vulnerabilities.
- Demonstrate competency in soft skills to include the ability to write utilizing proper grammar and spelling, the ability to work in a team in a research activity, and the ability to present a computer networking/IT topic as part of a team.

## Cybersecurity, Certificate of Achievement

The Cybersecurity Certificate of Achievement prepares students for a variety of careers in the broad and lucrative field of cybersecurity. Every industry is counting on cybersecurity and information assurance professionals to detect system vulnerabilities and protect sensitive data.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
CNIT R120 or CNIT R144	Cisco CCNA Computer Networking I CompTIA Network+ Fundamentals and Certification Preparation	4
CNIT R145	CompTIA Security+ IT Security and Certification Preparation	3
CNIT R146	Cybersecurity: CompTIA PenTest+	3
Complete two elective courses:		
CNIT R127	Wireless Networking Fundamentals	3
CNIT R131	Administer Microsoft Windows Server	3

CNIT R143	CompTIA Linux+ Fundamentals and Certification Preparation	3
CNIT R151	Cloud Computing and Virtualization	4
<b>Total Required Units for Certificate</b>		<b>16-17</b>

Year 1		
Fall Semester		Units/Hours
CNIT R120 or CNIT R144	Cisco CCNA Computer Networking I or CompTIA Network+ Fundamentals and Certification Preparation	4
<b>Units/Hours</b>		<b>4</b>
Spring Semester		
CNIT R144 or CNIT R120	CompTIA Network+ Fundamentals and Certification Preparation or Cisco CCNA Computer Networking I	4
CNIT R145	CompTIA Security+ IT Security and Certification Preparation	3
CNIT R143	CompTIA Linux+ Fundamentals and Certification Preparation	3
<b>Units/Hours</b>		<b>10</b>
Summer Semester		
CNIT R127	Wireless Networking Fundamentals	3
<b>Units/Hours</b>		<b>3</b>

Year 2		
Fall Semester		Units/Hours
CNIT R146	Cybersecurity: CompTIA PenTest+	3
CNIT R151	Cloud Computing and Virtualization	4
<b>Units/Hours</b>		<b>7</b>
Spring Semester		
CNIT R131	Administer Microsoft Windows Server	3
<b>Units/Hours</b>		<b>3</b>
<b>Total Units/Hours</b>		<b>27</b>

Upon successful completion of this program, students will be able to:

- Secure network operating systems including the desktop, the server, and intermediary devices such as a network switch and router.
- Construct and apply group policies to secure end devices and the network.
- Perform a vulnerability assessment and penetration test.
- Create a report up to industry standards after completing a vulnerability assessment and penetration test.
- Analyze and interpret the results of vulnerability scan and penetration test.
- Mitigate identified vulnerabilities on devices and the network.
- Follow a structured methodology as it relates cybersecurity incident handling.
- Configure firewalls to increase security from internal and external threats.
- Implement and configure an intrusion detection system (IDS) and intrusion protection system (IPS).
- Implement a secure wireless network using enterprise level wireless security.
- Analyze organizational needs and implement a security policy.

## Wireless Networking, Proficiency Award

The Wireless Networking Program is an award recognizing proficiency in wireless networking including design, IEEE 802.11 protocols, wireless security, and performing a site survey.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
CNIT R127	Wireless Networking Fundamentals	3
CNIT R120 or CNIT R144	Cisco CCNA Computer Networking I CompTIA Network+ Fundamentals and Certification Preparation	4
<b>Total Units</b>		<b>7</b>

For more information, see Earn a Proficiency Award. (p. 59)

Upon successful completion of this program, students will be able to:

- List the public and private IPv4 ranges and default subnet masks for Class A, Class B, and Class C addresses.
- Demonstrate proficiency in configuring a wireless LAN network configuration utility to create a profile and connect to a specific SSID and specific encryption type.
- Demonstrate the ability to create a layered wireless security defense including strong encryption, MAC filter, complex admin password, and a non-broadcast SSID.
- Demonstrate soft skills including working in a team, organizing collected data, and presenting the results of a team wireless site survey project.

## Cooperative Work Experience

### COT R190G General Cooperative Unpaid Work Experience 1-4 Units

*In-Class Hours:* 60-240 unpaid cooperative

*Enrollment Limitations:* Completion of, or concurrent enrollment in one other course and instructor approval that is provided with an add code or an add slip.

General Cooperative Unpaid Work Experience provides supervised employment that helps the student acquire desirable work habits, attitudes, and career awareness. Each unit of credit requires 60 hours of unpaid employment during the semester. General Cooperative Unpaid Work Experience is available to all students, regardless of major or educational goals.

**Catalog Notes:** Students may enroll in up to 4 units of general cooperative work experience with no more than 12 additional units of occupational cooperative work experience.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Course may be repeated up to a maximum of 4 units of credit.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### COT R190V Occupational Cooperative Unpaid Work Experience 1-4 Units

*In-Class Hours:* 60-240 unpaid cooperative

*Enrollment Limitations:* Completion of or concurrent enrollment in one other CTE course and instructor approval that is provided with an add code or an add slip.

Occupational Cooperative Unpaid Work Experience provides supervised employment extending classroom occupational learning at an on-the-job learning station relating to the students' educational or occupational goals. Each unit of credit requires 60 hours of unpaid employment during the semester. Occupational Cooperative Unpaid Work Experience is available to all students.

**Catalog Notes:** Students may enroll in up to 4 units of general cooperative work experience with no more than 12 additional units of occupational cooperative work experience.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Course may be repeated up to a maximum of 4 units of credit.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### COT R191G General Cooperative Paid Work Experience 1-4 Units

*In-Class Hours:* 75-300 paid cooperative

*Enrollment Limitations:* Completion of, or concurrent enrollment in one other course and instructor approval that is provided with an add code or an add slip.

General Cooperative Paid Work Experience provides supervised employment that helps the student acquire desirable work habits, attitudes, and career awareness. Each unit of credit requires 75 hours of paid employment during the semester. General Cooperative Paid Work Experience is available to all students, regardless of major or educational goals.

**Catalog Notes:** Students may enroll in up to 4 units of general cooperative work experience with no more than 12 additional units of occupational cooperative work experience.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Course may be repeated up to a maximum of 4 units of credit.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None



**COT R191V Occupational Cooperative Paid Work Experience 1-4 Units***In-Class Hours:* 75-300 paid cooperative*Enrollment Limitations:* Completion of or concurrent enrollment in one other CTE course and instructor approval that is provided with an add code or an add slip.

Occupational Cooperative Paid Work Experience provides supervised employment extending classroom occupational learning at an on-the-job learning station relating to the students' educational or occupational goals. Each unit of credit requires 75 hours of paid employment during the semester. Occupational Cooperative Paid Work Experience is available to all students.

**Catalog Notes:** Students may enroll in up to 4 units of general cooperative work experience with no more than 12 additional units of occupational cooperative work experience.**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Repeatable for Credit:** Course may be repeated up to a maximum of 4 units of credit.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

## Culinary Arts & Restaurant Management

The hospitality industry (hotel/travel/tourism/restaurant) continues to be one of the fastest growing in the state. The World Travel and Tourism Council projects that the industry will grow at a level of 4.0% per year over the next ten years, creating an opportunity for every country in the world to be a part of this process and to share the benefits. The National Restaurant Association predicts that nearly half of consumers' food budget will be spent in restaurants. There is an immense need for knowledgeable managers who can master today's and tomorrow's technology, to include emphasis on sustainability, and meet the across-the-board need being driven by major hotel and restaurant chains as well as privately owned hotels, clubs, and restaurants.

**CRM R100 Principles of the Hospitality Industry 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* HOSP 100

The course will provide an overview of the hospitality industry, its history and interrelationships of hotel, restaurant, travel, leisure industries, and introduce math concept applications in the culinary field. Students will also learn the importance of economic and social influences of leisure. Emphasis is on the attitude required of a person seeking a position in the industry.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**CRM R101 Culinary Foundations 1 Unit***In-Class Hours:* 52.5 laboratory*Enrollment Limitations:* Current negative TB test or chest x-ray.

Possession of ServSafe Certification or equivalent.

In this course students will have the opportunity to apply introductory level culinary techniques as a component of the Oxnard College culinary education. Classical knife cuts and French classical cuisine techniques are the basis for daily instruction. Proper use of commercial equipment and scaling of measurement, formulas, and recipe create a solid foundation for job training. Competencies include stocks, mother sauces, soups, vegetable, grains, and egg cookery as well as chicken, fish, and beef sub-primal butchery.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**CRM R102A Institutional Food Production 7 Units***In-Class Hours:* 52.5 lecture, 210 laboratory*Prerequisites:* CRM R104 or concurrent*Enrollment Limitations:* Current negative TB test or chest x-ray.

Possession of ServSafe Certification or equivalent.

*C-ID:* HOSP 160

This course provides laboratory experience for institutional food production. Students will receive an introduction and apply learned principles and procedures for basic food preparation with an emphasis on equipment, tools, and the proper utilization of time techniques.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**CRM R102B Institutional Food Production Management 4 Units***In-Class Hours:* 35 lecture, 105 laboratory*Prerequisites:* CRM R102A*Enrollment Limitations:* Current negative TB test or chest x-ray.

Possession of ServSafe Certification or equivalent.

The course provides advanced study and laboratory experience of food preparation management for the continuing student. Students will apply advanced knowledge in kitchen organization and supervision of food service workers emphasizing high production standards. Students will learn recipe standardization, portion control, and food service sanitation. Students will also receive experience in food service operations management.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

**CRM R102C Catering Techniques 3 Units***In-Class Hours:* 17.5 lecture, 105 laboratory*Prerequisites:* CRM R102A*Enrollment Limitations:* Current negative TB test or chest x-ray.

Possession of ServSafe Certification or equivalent.

Students will learn to identify and analyze the market potential for the style of catering business they are interested in developing, calculate menu pricing and how it correlates to competitive food service operators, and calculate operating costs, break-even points, and profit.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**CRM R103A Introduction to Baking Techniques 6 Units***In-Class Hours:* 52.5 lecture, 157.5 laboratory*Prerequisites:* CRM R102A*Enrollment Limitations:* Current negative TB test or chest x-ray.

Possession of ServSafe Certification or equivalent.

This course provides instruction in the preparation and/or use of pastries, pies, fillings, milk, starches, and leavening agents. Ratios and chemical reactions of ingredients are also stressed, as well as the effects of heat and refrigeration on products. Making of breads, rolls, Danish pastries, and puff pastries are demonstrated and practiced. After instruction, students calculate food cost and mark-up for retail sales of products.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**CRM R103B Advanced Pastry 3.5 Units***Formerly:* CRM R198H*In-Class Hours:* 8.75 lecture, 157.5 laboratory*Prerequisites:* CRM R103A*Enrollment Limitations:* Current negative TB test or chest x-ray.

Possession of ServSafe Certification or equivalent.

This course focuses on concepts, procedures and techniques to produce plated desserts. The course emphasizes the preparation and assembly of finished desserts, tempering chocolate, sauce preparation, and garnishes.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**CRM R103C Cake Decorating and Assembly 2.5 Units***Formerly:* CRM R198I*In-Class Hours:* 8.75 lecture, 105 laboratory*Prerequisites:* CRM R103A

This course will cover advanced cake decoration of single layer and multi-tier special event cakes. Making wedding cakes, birthday cakes, and quinceanera cakes will be covered. Multiple frosting types and techniques will be employed. Students mastering techniques taught in this course will be qualified for entry level cake decorating positions.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**CRM R104 Sanitation and Environmental Control 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* HOSP 110

This course focuses on the sanitation and safety issues involved with handling food through the food service process as it applies to the restaurant and hospitality industry. The course will cover the prevention of contamination and food borne illnesses as well as their symptoms and treatment. Students will learn the Hazard Analysis and Critical Control Point (HACCP) system, the characteristics of a food-safe facility and how to establish systems that promote proper food handling and storage techniques. In addition, this course will cover the role of Health Department Sanitarians, sanitation regulations, cleaning and sanitizing equipment and facilities, integrated pest management, and training employees on sanitation standards. Employee safety, accident prevention, and crisis management in emergency situations will also be taught. This is a "ServSafe" certificate course.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**CRM R105 Gourmet Restaurant Service 4 Units***In-Class Hours:* 35 lecture, 105 laboratory*Prerequisites:* CRM R102B*Enrollment Limitations:* Current negative TB test or chest x-ray.

Possession of ServSafe Certification or equivalent.

This course will teach students techniques in various restaurant stations. The course will also cover a prix fixe menu style service, a buffet style service and demonstrations on butchery and molecular gastronomy. Additional techniques will be taught in modern restaurant trends.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

**CRM R106 Nutrition in Food Service 3 Units***In-Class Hours:* 52.5 lecture

This course focuses on nutrition as it relates to personal health, foods and food preparation. Students will learn menu planning and recipe modification, and marketing of food products for use in hotels, restaurants, and institutions. Students will also complete the nutrition competencies required by the National Restaurant Association Educational Foundation.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student

Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**CRM R107 Dining Room Service 2.5 Units***In-Class Hours:* 17.5 lecture, 78.75 laboratory*Prerequisites:* CRM R100, CRM R104 or concurrent, or Negative TB Test*Enrollment Limitations:* Current negative TB test or chest x-ray.

This course provides proper methods of service in all types of eating establishments from mom and pop operations to haute cuisine restaurants. A comprehensive presentation of what is needed to provide excellent service is also reviewed.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**CRM R109 Management by Menu 3 Units***In-Class Hours:* 52.5 lecture

This course will study menus as the central theme that influences most foodservice function. The basic principles of menu making, including all phases of menu planning for today's trends will be presented. Students will also study ways to control costs and create interesting menus for different types of establishments in the hospitality industry.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**CRM R110 Hospitality and Cost Control 3 Units***In-Class Hours:* 52.5 lecture

This course provides an overview of the analysis and management of food, beverage, labor and other costs within a hospitality operation. Students will learn problem solving and application of cost control techniques to maximize profits while managing expenses. The course also focuses on establishing standards, cost-volume-profit analysis, forecasting, purchasing and storage controls, menu costing and pricing, theft prevention and labor control.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**CRM R112 Food and Beverage Management 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* HOSP 130

This course gives students the foundation needed to make smart decisions in commercial and institutional food and beverage operations. Information concerning the latest operational trends is presented. Case studies developed by industry professionals give students practice solving problems like those experienced on the job. Internet exhibits and website addresses link students with valuable food and beverage resources.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**CRM R113 Bar and Beverage Management 3 Units***In-Class Hours:* 52.5 lecture

This course covers all facets of bar and beverage products management including Mixology, wineries, breweries, balancing marketing and cost control, business planning, and employee management and training. Course also covers alcohol service responsibility, and essential information on a wide range of beverage products, including non-alcoholic beverages. This course is required for National Restaurant Management (NRA) Certification.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

**CRM R115 Marketing of Hospitality Services 3 Units**

*In-Class Hours:* 52.5 lecture

This course provides an in-depth look at proven marketing strategies specific to hospitality services. The course also demonstrates how hospitality organizations can promote their unique features and compete more effectively in the market.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

- Culinary Arts, Associate in Science (p. 253)
- Restaurant Management, Associate in Science (p. 255)
- Culinary Arts, Certificate of Achievement (p. 254)
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*For more information contact:*

**Adam Hart (805) 678-5267** ahart@vcccd.edu

## Baking and Patisserie, Proficiency Award

This award introduces the fundamental concepts, skills and techniques of basic baking. Special emphasis placed on the study of ingredient functions, product identification, and weights and measures as applied to baking. Students will have the opportunity to apply basic baking techniques in the preparation of cookies, cakes, muffins, tarts and basic custards and petit fours. Traditional meringues, butter creams and Génoise Sponge will be included. This program prepares students for entry level employment in bakeries, grocery store bakeries, institutional bakeries, or restaurants where baked goods are prepared and sold.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
CRM R103A	Introduction to Baking Techniques	6
CRM R103B	Advanced Pastry	3.5
CRM R104	Sanitation and Environmental Control	3
<b>Total Units</b>		<b>12.5</b>

Upon successful completion of this program, students will be able to:

- Use acceptable procedures when preparing potentially hazardous foods.
- List the major reasons for food spoilage and recognize signs of food spoilage.
- Upon completion, student will be able to demonstrate basic cake decorating skills.
- Upon completion, students will be able to prepare a variety of yeast-raised products, pies, pastries, cookies and cakes.

- Upon completion, student will be able to demonstrate the safe use and operation of specialized bake shop hand tools and equipment.

## Culinary Arts, Associate in Science

The Associate in Science in Culinary Arts prepares students for entry-level positions as a culinarian, baker, or food service manager trainee. In these positions, employees are required to prepare menus, requisition supplies, supervise equipment use, maintain varied records, and coordinate data with accountants and others in the organization.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
CRM R101	Culinary Foundations	1
CRM R100	Principles of the Hospitality Industry	3
CRM R102A	Institutional Food Production	7
CRM R102B	Institutional Food Production Management	4
CRM R102C	Catering Techniques	3
CRM R103A	Introduction to Baking Techniques	6
CRM R104	Sanitation and Environmental Control	3
CRM R105	Gourmet Restaurant Service	4
CRM R106	Nutrition in Food Service	3
CRM R107	Dining Room Service	2.5
COT R190V	Occupational Cooperative Unpaid Work Experience	1-4
or COT R191V	Occupational Cooperative Paid Work Experience	
<b>Total Required Major Units</b>		<b>37.5 - 40.5</b>
Oxnard College General Education Pattern		29
Double-Counted Units		0
Free Electives Required		0
<b>Total Units Required for A.S. Degree</b>		<b>66.5 - 69.5</b>

To complete the Associate Degree, students must meet requirements in the major, general education, competency, units, scholarship, and residency. Refer to Education Pathways - Earn an Associate Degree and the A.A. or A.S. Degree in Specific Majors sections of this catalog.

Year 1		
Fall Semester		Units/Hours
CRM R104	Sanitation and Environmental Control	3
CRM R102A	Institutional Food Production	7
GE Area E2 Physical Education/Kinesiology (choose one activity course)		1
GE Area D1 English Composition (choose ENGL R101 or ENGL R101H)		4
<b>Units/Hours</b>		<b>15</b>
Spring Semester		
CRM R100	Principles of the Hospitality Industry	3
CRM R102B	Institutional Food Production Management	4
GE Area D2/Math Competency (choose one math course)		3-6
GE Area C2 Humanities (choose one course)		3
<b>Units/Hours</b>		<b>13-16</b>
Summer Semester		
CRM R101	Culinary Foundations	1
<b>Units/Hours</b>		<b>1</b>
Year 2		
Fall Semester		
CRM R103A	Introduction to Baking Techniques	6

CRM R106	Nutrition in Food Service	3
CRM R107	Dining Room Service	2.5
GE Area A1 Biological Science (choose one course)		3-5
<b>Units/Hours</b>		<b>14.5-16.5</b>
<b>Spring Semester</b>		
CRM R102C	Catering Techniques	3
CRM R105	Gourmet Restaurant Service	4
COT R190V or COT R191V	Occupational Cooperative Unpaid Work Experience or Occupational Cooperative Paid Work Experience	1-4
GE E1 Health Education (choose one course)		3
<b>Units/Hours</b>		<b>11-14</b>
<b>Year 3</b>		
<b>Fall Semester</b>		
GE Area A2 Physical Science (choose one course)		
GE Area B1 American History/Institutions (choose one course)		3
GE Area B2 Social and Behavioral Sciences (choose one course)		3
GE Area C1 Fine/Performing Arts (choose one course)		
<b>Units/Hours</b>		<b>6</b>
<b>Total Units/Hours</b>		<b>60.5-68.5</b>

Upon successful completion of this program, students will be able to:

- Demonstrate basic knowledge of cooking techniques and procedures
- Apply laws and regulations relating to safety and sanitation in a kitchen/classroom environment
- Obtain ServSafe certification from the National Restaurant Association
- Identify and properly use food service tools, equipment, and basic key food ingredients in a production kitchen.
- Demonstrate a variety of types of dining room service.
- Apply the fundamentals of baking science to the preparation of a variety of products.
- Exhibit a basic understanding of nutrition and the relationship between nutrition and food preparation.
- Demonstrate critical thinking skills needed to assess and correct problems within food preparation, production, presentation and service.

## Culinary Arts, Certificate of Achievement

The Certificate of Achievement in Culinary Arts prepares students for entry-level positions as a culinarian, baker, or food service manager trainee. In these positions, employees are required to prepare menus, requisition supplies, supervise equipment use, maintain varied records, and coordinate data with accountants and others in the organization.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
CRM R101	Culinary Foundations	1
CRM R100	Principles of the Hospitality Industry	3
CRM R102A	Institutional Food Production	7
CRM R102B	Institutional Food Production Management	4
CRM R102C	Catering Techniques	3
CRM R103A	Introduction to Baking Techniques	6
CRM R104	Sanitation and Environmental Control	3
CRM R105	Gourmet Restaurant Service	4

CRM R106	Nutrition in Food Service	3
CRM R107	Dining Room Service	2.5
COT R190V or COT R191V	Occupational Cooperative Unpaid Work Experience Occupational Cooperative Paid Work Experience	1-4
<b>Total Required Major Units</b>		<b>37.5 - 40.5</b>

To complete the Certificate of Achievement, students must also meet requirements in scholarship and residency. Refer to Education Pathways - Earn a Certificate of Achievement section in this catalog for specific information.

<b>Year 1</b>		
<b>Fall Semester</b>		<b>Units/Hours</b>
CRM R102A	Institutional Food Production	7
CRM R104	Sanitation and Environmental Control	3
<b>Units/Hours</b>		<b>10</b>
<b>Spring Semester</b>		
CRM R100	Principles of the Hospitality Industry	3
CRM R103A	Introduction to Baking Techniques	6
CRM R102B	Institutional Food Production Management	4
<b>Units/Hours</b>		<b>13</b>
<b>Summer Semester</b>		
CRM R101	Culinary Foundations	1
<b>Units/Hours</b>		<b>1</b>
<b>Year 2</b>		
<b>Fall Semester</b>		
CRM R106	Nutrition in Food Service	3
CRM R107	Dining Room Service	2.5
COT R190V or COT R191V	Occupational Cooperative Unpaid Work Experience or Occupational Cooperative Paid Work Experience	1-4
<b>Units/Hours</b>		<b>6.5-9.5</b>
<b>Spring Semester</b>		
CRM R102C	Catering Techniques	3
CRM R105	Gourmet Restaurant Service	4
<b>Units/Hours</b>		<b>7</b>
<b>Total Units/Hours</b>		<b>37.5-40.5</b>

Upon successful completion of this program, students will be able to:

- Demonstrate basic knowledge of cooking techniques and procedures
- Apply laws and regulations relating to safety and sanitation in a kitchen/classroom environment
- Obtain ServSafe certification from the National Restaurant Association
- Identify and properly use food service tools, equipment, and basic key food ingredients in a production kitchen.
- Demonstrate a variety of types of dining room service.
- Apply the fundamentals of baking science to the preparation of a variety of products.
- Exhibit a basic understanding of nutrition and the relationship between nutrition and food preparation.
- Demonstrate critical thinking skills needed to assess and correct problems within food preparation, production, presentation and service.



## Lead Cook, Proficiency Award

The Lead Cook Program is an award that prepares students for lead cook positions in a restaurant or other hospitality property. Passage of the ServSafe Certification exam as well as the National Restaurant Association certification exam is required to earn this award.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
CRM R102A	Institutional Food Production	7
CRM R104	Sanitation and Environmental Control	3
<b>Required Certifications</b>		
ServSafe Certification		
National Restaurant Association Certification		
<b>Total Units</b>		<b>10</b>

Upon successful completion of this program, students will be able to:

- Be proficient at understanding basic methodologies central to safe food handling.
- Be proficient in food preparation for large groups.
- Demonstrate competencies in the ability to operate, disassemble, assemble, and maintain food service equipment.

## Restaurant Management, Associate in Science

The Restaurant Management Associate in Science degree prepares students to obtain employment in the restaurant management field as food service unit managers, multi-unit managers, corporate executives, or corporate trainers. Career opportunities for trained personnel are almost limitless.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
CRM R100	Principles of the Hospitality Industry	3
CRM R104	Sanitation and Environmental Control	3
CRM R106	Nutrition in Food Service	3
CRM R107	Dining Room Service	2.5
CRM R109	Management by Menu	3
CRM R110	Hospitality and Cost Control	3
CRM R112	Food and Beverage Management	3
CRM R113	Bar and Beverage Management	3
<b>Total Required Major Units</b>		<b>23.5</b>
Oxnard College General Education Pattern		29
Double-Counted Units		0
Free Electives Required		7.5
<b>Total Units Required for A.S. Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Identify the discipline's basic content, principles, methodologies and perspectives central to the foodservice industry including segments of the industry and safe food handling.

- Demonstrate competencies the ability in operating, disassembling, assembling, and maintenance of foodservice equipment.
- Demonstrate leadership and social responsibility and judgment, in managing people in an industry environment. This also gives students the skills for career advancement and self-improvement.
- Be capable of communicating clearly and effectively with Chefs and Managers through verbal and/or nonverbal messages using industry terminology.

## Restaurant Management, Certificate of Achievement

The Restaurant Management Certificate of Achievement prepares students to obtain employment in the restaurant management field as food service unit managers, multi-unit managers, corporate executives, or corporate trainers. Career opportunities for trained personnel are almost limitless.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
CRM R100	Principles of the Hospitality Industry	3
CRM R104	Sanitation and Environmental Control	3
CRM R106	Nutrition in Food Service	3
CRM R107	Dining Room Service	2.5
CRM R109	Management by Menu	3
CRM R110	Hospitality and Cost Control	3
CRM R112	Food and Beverage Management	3
CRM R113	Bar and Beverage Management	3
<b>Total Required Major Units</b>		<b>23.5</b>

Year 1		
Fall Semester		Units/Hours
CRM R100	Principles of the Hospitality Industry	3
CRM R104	Sanitation and Environmental Control	3
CRM R109	Management by Menu	3
CRM R110	Hospitality and Cost Control	3
<b>Units/Hours</b>		<b>12</b>
Spring Semester		Units/Hours
CRM R106	Nutrition in Food Service	3
CRM R107	Dining Room Service	2.5
CRM R112	Food and Beverage Management	3
CRM R113	Bar and Beverage Management	3
<b>Units/Hours</b>		<b>11.5</b>
<b>Total Units/Hours</b>		<b>23.5</b>

Upon successful completion of this program, students will be able to:

- Identify the discipline's basic content, principles, methodologies and perspectives central to the foodservice industry including segments of the industry and safe food handling.
- Demonstrate competencies the ability in operating, disassembling, assembling, and maintenance of foodservice equipment.
- Demonstrate leadership and social responsibility and judgment, in managing people in an industry environment. This also gives students the skills for career advancement and self-improvement.

- Be capable of communicating clearly and effectively with Chefs and Managers through verbal and/or nonverbal messages using industry terminology.

## Dance

As an academic discipline, Dance classes fulfill the Physical Education/Kinesiology requirement for graduation and the movement requirement for the Kinesiology major. Dance classes provide students the opportunity to discover and study different dance styles that could lead to professions in the arts, media, teaching in K-12 schools or private dance schools and studios. The diverse dance curriculum introduces students to the fundamentals of modern, jazz, hip hop, and folklórico. OC dance classes teach and reinforce movement skills along with intellectual development, self-confidence, discipline, and physical fitness that can provide students with foundational skills for healthful living in all areas of their academic and personal lives.

## Program Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate collaboration and professionalism in academics and production.
- Demonstrate competency in dance technique to support performance.
- Demonstrate the ability to apply the fundamental principles of choreography to their own creative process.
- Demonstrate understanding of the historical and cultural influences of dance.
- Know the special vocabulary and terminology for different dance genres.

### DANC R100 Dance Appreciation 3 Units

*In-Class Hours:* 52.5 lecture

Dance Appreciation is an introduction to dance history that includes the classical era, social, and ethnic dance styles. The course will survey the development of the major dance genres and analyze the elements which have influenced changes in dance historically, culturally, and as an art form. The sociological, cultural, historical contexts of dance within different societies will be studied. The variety of dance documentation in text, film, and video will illustrate the historical events that have influenced the major choreographers of the 20th century.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C1

**IGETC:** None

### DANC R102A Modern Dance I 2 Units

*In-Class Hours:* 17.5 lecture, 52.5 laboratory

This course focuses on the development of modern dance techniques with emphasis on combinations of basic skills. Study of the dance phrase integrating elements of rhythm, design, dynamics, and motivation change will also be covered.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Family:** College faculty have identified courses in the following list as a family: DANC R102A, DANC R102B. A student may take a maximum of four (4) courses from this family.

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

### DANC R102B Modern Dance II 2 Units

*In-Class Hours:* 17.5 lecture, 52.5 laboratory

*Prerequisites:* DANC R102A or equivalent

This course focuses on intermediate to advanced modern dance skills and technique necessary for performing dance compositions and student performances.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Family:** College faculty have identified courses in the following list as a family: DANC R102B, DANC R102A. A student may take a maximum of four (4) courses from this family.

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

### DANC R104A Modern Jazz I 2 Units

*In-Class Hours:* 17.5 lecture, 52.5 laboratory

This course is an introduction to modern jazz techniques and skills.

Students will develop flexibility, strength, endurance, dance composition and develop an understanding and appreciation of jazz dance as an art form.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Family:** College faculty have identified courses in the following list as a family: DANC R104A, DANC R104B. A student may take a maximum of four (4) courses from this family.

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**DANC R104B Modern Jazz II 2 Units***In-Class Hours:* 17.5 lecture, 52.5 laboratory*Prerequisites:* DANC R104A or equivalent

This course offers continued study of jazz dance techniques with emphasis on more advanced skills necessary for performing dance compositions and student performance.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Family:** College faculty have identified courses in the following list as a family: DANC R104B, DANC R104A. A student may take a maximum of four (4) courses from this family.

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**DANC R110A Mexican Folklorico Dance I 2 Units***In-Class Hours:* 17.5 lecture, 52.5 laboratory

This course is designed to develop beginning dance skills for regional dance styles in Mexico. Students with little or no previous dance experience will learn the basic techniques for folklórico dances, principals of body alignment, strength, and coordination as they relate to dance and performance. Emphasis is placed on the historical and cultural factors that have influenced Mexican folk dance.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Family:** College faculty have identified courses in the following list as a family: DANC R110A, DANC R110B. A student may take a maximum of four (4) courses from this family.

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**DANC R110B Mexican Folklorico Dance II 2 Units***In-Class Hours:* 17.5 lecture, 52.5 laboratory*Advisories/Rec Prep:* DANC R110A

This course is designed to develop intermediate dance skills for regional dance styles in Mexico. Students with beginning level folklórico skills will learn high-beginning to intermediate level technique for folklórico dances, principals of body alignment, strength, and coordination as they relate to dance and performance.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Family:** College faculty have identified courses in the following list as a family: DANC R110B, DANC R110A. A student may take a maximum of four (4) courses from this family.

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**DANC R112A Introduction to Hip-Hop Dance 1 Unit***In-Class Hours:* 52.5 laboratory

This course is an introduction to fundamental hip-hop techniques, rhythms, and styles. Students will develop strength, flexibility, coordination, and endurance along with proper alignment and posture for hip-hop dance. Course activities will include performance of basic routines and sequences and discussion of the historical and cultural aspects of this dance genre.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**DANC R112B Beginning Hip-Hop Dance 1 Unit***In-Class Hours:* 52.5 laboratory*Advisories/Rec Prep:* DANC R112A

This course is the second in a series of hip-hop dance courses and builds on the skills introduced in DANC R112A, Hip-Hop Fundamentals. Emphasis is placed on beginning hip-hop steps and movement while refining and expanding technique, rhythms, styles, and performance. Dance combinations will progress in difficulty. Students will develop strength, flexibility, coordination, and endurance along with proper alignment and posture for hip-hop dance. The course will also include historical and cultural aspects of this dance genre.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

*For more information contact:*

**Liberal Studies Division Office (805) 678-5804**

## Deaf Studies

The ASL program at Oxnard College offers two pathways for students interested in learning ASL. Those planning to pursue a field working with the Deaf, such as ASL/English Interpretation or Deaf Education, may obtain an Associate in Arts degree in Deaf Studies. The A.A. degree prepares students to apply to Bachelor's programs at the university level which require proficiency in ASL. For students interested in learning ASL as a means for interacting with Deaf people in their local community or place of work, a Certificate of Achievement is offered. All ASL courses are designed to equip students with the linguistic proficiency and cultural competency to interact and work with Deaf people and to instill a greater understanding of and appreciation for the Deaf community.

**ASL R101 American Sign Language 1 4 Units***In-Class Hours:* 70 lecture

Students with little or no prior knowledge of American Sign Language will be introduced to the natural language and culture of the American Deaf Community. This course provides basic vocabulary and preparation for visual/gestural communication. Emphasis will be on comprehension skills and the fundamentals of ASL grammatical structures.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C2

**IGETC:** 6A

**ASL R102 American Sign Language 2 4 Units***In-Class Hours:* 70 lecture*Prerequisites:* ASL R101

This second-semester level course in ASL builds on the language skills previously acquired with a focus on ASL grammar structures, non-manual features, time concepts, numbers, classifiers, narrative skills and more in-depth conversational functions. Additional instruction on Deaf culture, community and behavioral norms will be presented.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C2

**IGETC:** 6A

**ASL R103 American Sign Language 3 4 Units***In-Class Hours:* 70 lecture*Prerequisites:* ASL R102

This course will continue the study of American Sign Language with expanded instruction in ASL grammar, vocabulary development, conversational skills, storytelling, and other ASL literary forms. Deafness, Deaf culture, and audism, as well as significant contributions of historical and modern-day figures within the Deaf community, will be further explored.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C2

**IGETC:** 3B, 6A

**ASL R104 American Sign Language 4 4 Units***In-Class Hours:* 70 lecture*Prerequisites:* ASL R103

This course will build on previously acquired ASL communication skills and include study of more complex ASL grammatical features, vocabulary building in context, classifiers, narrative comprehension and development, and analysis and recitation of ASL literature. Class discussions will center on issues of current and historical significance to the Deaf community. Students will also apply the practical skills they've acquired throughout the program to act in support to the Deaf community in the form of a group capstone project.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C2

**IGETC:** 3B, 6A

**ASL R110 Introduction to Deaf Studies 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* ASL R102

This interdisciplinary course introduces a range of issues that are developed within Deaf Studies: ASL linguistics, Deaf education, sociology of Deaf culture, intersectionality and ASL interpreting. This class is conducted in ASL, therefore a minimum level of language proficiency is required.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C2, D

**IGETC:** 3B, 4

- Deaf Studies, Associate in Arts (p. 258)

## Deaf Studies, Associate in Arts

The Associate in Arts in Deaf Studies degree program prepares interested students for a multitude of careers working with Deaf and hard of hearing people in fields such as Deaf Studies, ASL/English Interpretation, Deaf Education and social services by providing the foundation needed in American Sign Language to pursue these programs at the university level. A series of four courses in the language and a Deaf Studies course comprise the core requisites of the degree, which can be completed in two years along with fulfillment of general education requirements.

Field experiences embedded within the coursework provide a deeper exploration into the culture and history of the Deaf community, as well as the complex phonocentric and audist systems which marginalize and oppress deaf people in public spaces. This critical exploration will expand recognition of Deaf people as a unique cultural group and prepare students to effectively work with and engage deaf people in ways that support and empower the community.

It should be noted that this degree alone is not adequate qualification to interpret or to work within most ASL-related professions. At minimum, a Bachelor's degree is required to interpret, teach or work professionally

with deaf children or adults in most fields. The A.A. in Deaf Studies will provide the necessary foundation to pursue these goals.

For those pursuing other majors who are interested in learning ASL for practical purposes, a separate Certificate of Achievement in ASL is offered for which only the core coursework is required. (See 'Certificate of Achievement in ASL' in the Oxnard College catalog).

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
ASL R101	American Sign Language 1	4
ASL R102	American Sign Language 2	4
ASL R103	American Sign Language 3	4
ASL R104	American Sign Language 4	4
ASL R110	Introduction to Deaf Studies	3
<b>Total Required Major Units</b>		<b>19</b>
Oxnard College General Education		29
Double-Counted Units		- 9
Free Electives Required		21
<b>Total Units Required for the AA Degree</b>		<b>60</b>
OR		
<b>Total Required Major Units</b>		<b>19</b>
CSU GE-Breadth		39
Double-Counted Units		- 9
Free Electives Required		11
<b>Total Units Required for AA Degree</b>		<b>60</b>
OR		
<b>Total Required Major Units</b>		<b>19</b>
IGETC		37
Double-Counted Units		- 9
Free Electives Required		13
<b>Total Units Required for AA Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Students will be able to sustain a conversation in ASL that demonstrates comprehension of typical information conveyed in personal and social contexts, as defined by the ACTFL Listening Guidelines for Intermediate High proficiency.
- Students will be able to tell a story using ASL grammar, a broad range of vocabulary and elements of ASL story development that describes, in detail, the persons/objects involved and incidents that occurred.
- Students will be able to recognize examples of audism and define how cultural bias presents itself in both the overt and systemic oppression of deaf and hard of hearing people.
- Students will be able to describe important events in Deaf History and identify key figures and their contributions to Deaf culture.

## Dental Assisting

The Dental Assisting Program introduces students to the high demand field of professional dental assisting. Dental assistants are a significant and valuable member of the dental health care team. Students are trained to perform a wide variety of duties including working chairside as patients are examined and treated, sterilizing instruments, and applying anti-cavity agents to teeth. Dental assisting students are also taught to perform laboratory duties such as taking and pouring impressions and

making temporary crowns. Additionally, the Dental Assisting Program offers curriculum on executing office duties such as scheduling and confirming patients, filing patient treatment records, billing, and ordering dental supplies.

The Dental Assisting Program at Oxnard College includes patient care practice in a new on-site facility.

The Dental Assisting program is not a selective program. There are no additional mandatory fees for the Dental Assisting program beyond enrollment (tuition) fees, Health Fees, and Student Center Fees.

### DA R010 Introduction to Dental Assisting 3 Units

*In-Class Hours:* 52.5 lecture

*Corequisites:* DA R011 and DA R012 and DA R013 and DA R014 and DA R015

*Advisories/Rec Prep:* High School Diploma or GED and ENGL R101 or ENGL R101H

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. Admittance to Dental Assisting program per application process.

This course is an introduction to dental assisting, dental terminology, basic anatomy of the oral cavity, dental anatomy and physiology, oral embryology, tooth morphology, classifications of restorations, preliminary oral inspection, charting existing conditions of the hard and soft tissues, taking and recording vital signs and the introduction to systemic conditions which may affect dental care.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### DA R011 Beginning Radiology for Dental Assisting 3 Units

*In-Class Hours:* 35 lecture, 52.5 laboratory

*Corequisites:* DA R010 and DA R012 and DA R013 and DA R014 and DA R015

*Advisories/Rec Prep:* High School Diploma or GED and ENGL R101 or ENGL R101H

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. Admittance to Dental Assisting program per application process.

This course teaches the fundamentals of radiation safety and the operation of dental radiology equipment, along with the clinical application of procedures involved in exposing, processing, mounting and interpreting dental radiographs.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None



**DA R012 Dental Materials for Dental Assisting 3 Units***In-Class Hours:* 35 lecture, 52.5 laboratory*Corequisites:* DA R010 and DA R011 and DA R013 and DA R014, and DA R015*Advisories/Rec Prep:* High School Diploma or GED and ENGL R101 or ENGL R101H*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases.

No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes.

Admittance to the Dental Assisting program per application process. .

This course teaches the composition and use of restorative materials, impressions materials, pouring dental impressions, the procedural steps in using composite resin material, temporary restorative materials used in dentistry and the role of the dental team in the various procedures performed.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**DA R013 Occupational Health for Dental Assisting 1 Unit***In-Class Hours:* 17.5 lecture*Corequisites:* DA R010 and DA R011 and DA R012 and DA R014 and and DA R015*Advisories/Rec Prep:* High School Diploma or GED and ENGL R101 or ENGL R101H*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases.

No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes.

Admittance to Dental Assisting program per application process.

This course teaches the dental assistant the rules and regulations in a dental office that are required by the federal, state and local regulations concerning the handling of hazardous chemicals, employee safety and waste management.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**DA R014 Introduction to Chairside Dental Assisting 2 Units***In-Class Hours:* 105 laboratory*Corequisites:* DA R010 and DA R011 and DA R012 and DA R013, and DA R015*Advisories/Rec Prep:* High School Diploma or GED and ENGL R101 or ENGL R101H*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases.

No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes.

Admittance to Dental Assisting program per application process.

This class is an introduction to the chairside dental assistant, preparing the patient for dental treatment, positioning of the patient, operator and assistant for four-handed and six-handed dentistry. Students will learn how to obtain patient health history and vital signs, treatment planning and data gathering. In addition, instrument grasp/transfer, triplex syringe use, oral evacuation and retraction will be taught. Identification and use of hand instruments, equipment maintenance, tub, tray and cassette set-ups of the basic general dental procedures will be learned.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**DA R015 Dental Specialties for Dental Assisting 2 Units***In-Class Hours:* 17.5 lecture, 52.5 laboratory*Corequisites:* DA R010 and R011 and DA R012 and DA R013 and and DA R014*Advisories/Rec Prep:* High School Diploma or GED and ENGL R101 or ENGL R101H*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases.

No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes.

Admittance to Dental Assisting program per application process.

This course provides instruction in assisting and instrumentation for the following specialties in dentistry: orthodontics, endodontics, periodontics, removable prosthodontics, pediatric dentistry and oral maxillofacial surgery, and assisting in the administration of nitrous oxide.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None

**DA R020 Advanced Dental Assisting 2 Units**

*In-Class Hours:* 17.5 lecture, 52.5 laboratory

*Prerequisites:* DA R010 and DA R011 and DA R012 and DA R013, and DA R014 and and DA R015

*Corequisites:* DA R021 and DA R022 and DA R023 and DA R024 and DA R025

*Advisories/Rec Prep:* High School Diploma or GED and ENGL R101 and ENGL R101H

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course focuses on the development of the pre-clinical skills required for the registered dental assisting student. Students are required to meet standards of competency for each registered dental assisting task. This class is designed to prepare students for the practical component of the California Registered Dental Assistant examination. Mannequins are used for most instruction.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

**DA R021 Practice Management for Dental Assisting 3 Units**

*In-Class Hours:* 35 lecture, 52.5 laboratory

*Prerequisites:* DA R010 and DA R011 and DA R012 and DA R013 and DA R014 and DA R015

*Corequisites:* DA R020 and DA R022 and DA R023 and DA R024 and DA R025

*Advisories/Rec Prep:* High School Diploma or GED and ENGL R101 or ENGL R101H

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course focuses on instruction for the non-clinical functions which dental assistants are required to perform. Emphasis will be placed on: financial arrangements, collection techniques, completing insurance forms, and maintaining current insurance records, office mail, dental office computer systems, group practice, inventory, marketing, purchasing, payroll, tax records, disbursements, and petty cash.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

**DA R022 Clinical Dental Assisting Experience 3 Units**

*In-Class Hours:* 17.5 lecture, 105 laboratory

*Prerequisites:* DA R010 and DA R011 and DA R012 and DA R013 and DA R014 and DA R015

*Corequisites:* DA R020 and DA R021 and DA R023 and DA R024 and DA R025

*Advisories/Rec Prep:* High School Diploma or GED and ENGL R101 or ENGL R101H

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course incorporates practical experience working in a private practice through a clinical externship. Experiences are in chairside and office management techniques. Seminars are used to evaluate and review clinical application.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

**DA R023 Ethics and Jurisprudence for Dental Assisting 1 Unit**

*In-Class Hours:* 17.5 lecture

*Prerequisites:* DA R010 and DA R011 and DA R012 and DA R013 and DA R014 and DA R015

*Corequisites:* DA R020 and DA R021 and DA R022 and DA R024 and DA R025

*Advisories/Rec Prep:* High School Diploma or GED and ENGL R101 or ENGL R101H

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course is the study of the fundamental factors necessary to be employed as a dental assistant in California. The scope of dental assistant practice within the ethical and legal framework of the State Dental Practice Act and the Code of Ethics of the American Dental Association are explored.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

**DA R024 Dental Assisting Seminar 2 Units***In-Class Hours:* 35 lecture*Prerequisites:* DA R010 and DA R011 and DA R012 and DA R013 and DA R014 and DA R015*Corequisites:* DA R020 and DA R021 and DA R022 and DA R023 and DA R025*Advisories/Rec Prep:* High School Diploma or GED and ENGL R101 or ENGL R101H

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course focuses on preparation for the written portion of the dental assisting certificate examination.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**DA R025 Dental Assisting Health Education 2 Units***In-Class Hours:* 35 lecture*Prerequisites:* DA R010 and DA R011 and DA R012 and DA R013 and DA R014 and DA R015*Corequisites:* DA R020 and DA R021 and DA R022 and DA R023 and DA R024*Advisories/Rec Prep:* High School Diploma or GED and ENGL R101 or R101H

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course teaches the principles and practices of prevention and control of dental diseases with emphasis on nutrition, plaque control, motivation, and chairside patient education.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None

- Dental Assisting, Associate in Science (p. 262)
- Dental Assisting, Certificate of Achievement (p. 263)

*For more information contact:***Dental Assisting Program (805) 678-5823****Susan McDonald** smcdonald@vcccd.edu

## Dental Assisting, Associate in Science

The Dental Assisting Program introduces students to the high demand field of professional dental assisting. Dental assistants are a significant and valuable member of the dental health care team. Students are trained to perform a wide variety of duties including working chairside as patients are examined and treated, sterilizing instruments, and applying anti-cavity agents to teeth. Dental assisting students are also taught

to perform laboratory duties such as taking and pouring impressions and making temporary crowns. Additionally, the Dental Assisting Program offers curriculum on executing office duties like scheduling and confirming patients, filing patient treatment records, billing, and ordering dental supplies.

The Dental Assisting Program at Oxnard College includes patient care practice in a fully-equipped, on-site facility.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
DA R010	Introduction to Dental Assisting	3
DA R011	Beginning Radiology for Dental Assisting	3
DA R012	Dental Materials for Dental Assisting	3
DA R013	Occupational Health for Dental Assisting	1
DA R014	Introduction to Chairside Dental Assisting	2
DA R015	Dental Specialties for Dental Assisting	2
DA R020	Advanced Dental Assisting	2
DA R021	Practice Management for Dental Assisting	3
DA R022	Clinical Dental Assisting Experience	3
DA R023	Ethics and Jurisprudence for Dental Assisting	1
DA R024	Dental Assisting Seminar	2
DA R025	Dental Assisting Health Education	2
<b>Total Required Major Units</b>		<b>27</b>
<b>Oxnard College General Education</b>		<b>29</b>
Double-Counted Units		0
Free Electives Required		4
<b>Total Units Required for AS Degree</b>		<b>60</b>

To complete the Associate Degree, students must meet requirements in the major, general education, competency, units, scholarship, and residency. Refer to Education Pathways - Earn an Associate Degree and the A.A. or A.S. Degree in Specific Majors sections of this catalog.

Year 1		Units/Hours
<b>Fall Semester</b>		
GE Area D1 English Composition (choose ENGL R101 or ENGL R101H)		4
GE Area D2/Math Competency (choose one math course)		3-6
GE Area B1 American History/Institutions (choose one course)		3
GE Area C1 Fine/Performing Arts (choose one course)		3
		<b>13-16</b>
<b>Spring Semester</b>		
GE Area A1 Biological Science (choose one course)		3-5
GE Area B2 Social and Behavioral Sciences (choose one course)		3
GE Area C2 Humanities (choose one course)		3
GE Area E1 Health Education (choose one course)		3
GE Area E2 Physical Education/Kinesiology (choose one activity course)		1
		<b>13-15</b>
<b>Summer Semester</b>		
GE Area A2 Physical Science (choose one course)		3-5
Free Elective (choose one course)		4
		<b>7-9</b>

Year 2		Units/Hours
<b>Fall Semester</b>		
DA R010	Introduction to Dental Assisting	3
DA R011	Beginning Radiology for Dental Assisting	3
DA R012	Dental Materials for Dental Assisting	3

DA R013	Occupational Health for Dental Assisting	1
DA R014	Introduction to Chairside Dental Assisting	2
DA R015	Dental Specialties for Dental Assisting	2
<b>Units/Hours</b>		<b>14</b>
<b>Spring Semester</b>		
DA R020	Advanced Dental Assisting	2
DA R021	Practice Management for Dental Assisting	3
DA R022	Clinical Dental Assisting Experience	3
DA R023	Ethics and Jurisprudence for Dental Assisting	1
DA R024	Dental Assisting Seminar	2
DA R025	Dental Assisting Health Education	2
<b>Units/Hours</b>		<b>13</b>
<b>Total Units/Hours</b>		<b>60-67</b>

Upon successful completion of this program, students will be able to:

- Effectively practice anti-cariogenic techniques and employ the appropriate anti-cariogenic dental materials (e.g., administer oral hygiene instructions, apply fluoride varnish) under the proper supervision of a dentist.
- Examine the ethical and legal decisions inherent to the dental field and distinguish between unethical and illegal actions.
- Manage their fundamental roles in a dental practice.
- Employ the skills of chairside dental assisting in general practice and be able to compare and contrast those general practice skills to the duties of a dental assistant in specialty practice.
- Operate dental radiographic equipment properly and safely.

## Dental Assisting, Certificate of Achievement

The Dental Assisting Program introduces students to the high demand field of professional dental assisting. Dental assistants are a significant and valuable member of the dental health care team. Students are trained to perform a wide variety of duties including working chairside as patients are examined and treated, sterilizing instruments, and applying anti-cavity agents to teeth. Dental assisting students are also taught to perform laboratory duties such as taking and pouring impressions and making temporary crowns. Additionally, the Dental Assisting Program offers curriculum on executing office duties like scheduling and confirming patients, filing patient treatment records, billing, and ordering dental supplies.

The Dental Assisting Program at Oxnard College includes patient care practice in a fully-equipped, on-site facility.

Course ID	Title	Units/Hours
<b>Required Courses</b>		
DA R010	Introduction to Dental Assisting	3
DA R011	Beginning Radiology for Dental Assisting	3
DA R012	Dental Materials for Dental Assisting	3
DA R013	Occupational Health for Dental Assisting	1
DA R014	Introduction to Chairside Dental Assisting	2
DA R015	Dental Specialties for Dental Assisting	2
DA R020	Advanced Dental Assisting	2
DA R021	Practice Management for Dental Assisting	3
DA R022	Clinical Dental Assisting Experience	3
DA R023	Ethics and Jurisprudence for Dental Assisting	1

DA R024	Dental Assisting Seminar	2
DA R025	Dental Assisting Health Education	2
<b>Total Units</b>		<b>27</b>

To complete the Certificate of Achievement, students must also meet requirements in scholarship and residency. Refer to Education Pathways - Earn a Certificate of Achievement section in this catalog for specific information.

<b>Year 1</b>		<b>Units/Hours</b>
<b>Fall Semester</b>		
DA R010	Introduction to Dental Assisting	3
DA R011	Beginning Radiology for Dental Assisting	3
DA R012	Dental Materials for Dental Assisting	3
DA R013	Occupational Health for Dental Assisting	1
DA R014	Introduction to Chairside Dental Assisting	2
DA R015	Dental Specialties for Dental Assisting	2
<b>Units/Hours</b>		<b>14</b>
<b>Spring Semester</b>		
DA R020	Advanced Dental Assisting	2
DA R021	Practice Management for Dental Assisting	3
DA R022	Clinical Dental Assisting Experience	3
DA R023	Ethics and Jurisprudence for Dental Assisting	1
DA R024	Dental Assisting Seminar	2
DA R025	Dental Assisting Health Education	2
<b>Units/Hours</b>		<b>13</b>
<b>Total Units/Hours</b>		<b>27</b>

Upon successful completion of this program, students will be able to:

- Effectively practice anti-cariogenic techniques and employ the appropriate anti-cariogenic dental materials (e.g., administer oral hygiene instructions, apply fluoride varnish) under the proper supervision of a dentist.
- Examine the ethical and legal decisions inherent to the dental field and distinguish between unethical and illegal actions.
- Manage their fundamental roles in a dental practice.
- Employ the skills of chairside dental assisting in general practice and be able to compare and contrast those general practice skills to the duties of a dental assistant in specialty practice.
- Operate dental radiographic equipment properly and safely.

## Dental Hygiene

The Dental Hygiene Program prepares students for the practice of dental hygiene. A Registered Dental Hygienist (RDH) is a licensed professional who is part of the dental care team, performing such services as oral examination, oral prophylaxis (scaling, root planing, soft tissue curettage and polishing the teeth), exposing and processing dental x-rays, administering local anesthesia and nitrous oxide sedation for pain control, applying preventive substances such as topical fluorides and dental sealants, along with instructing patients in oral disease control and nutrition.

All dental hygiene didactic instruction is taught at Oxnard College. Students should plan to complete general education requirements prior to program entry in order to be eligible for a Dental Hygiene Associate of Science Degree upon graduation. Practical clinical experience is gained through patient experiences at our on-site dental hygiene clinic. Successful students are eligible to take the National Board Dental Hygiene Examination (written) and a clinical examination through the

Central Regional Dental Testing Service (CRDTS) or the Western Regional Examining Board (WREB) and must take the California Law & Ethics exam (written) in order to gain licensure as a Registered Dental Hygienist.

### **DH R001 Pre-Dental Hygiene 1 Unit**

*In-Class Hours:* 17.5 lecture

This course is an introduction to the field of dentistry with a specific focus on the basics of dental hygiene. Emphasis will be placed on dental terminology, communication, critical thinking skills, along with some of the basic clinical techniques required for the practice of dental hygiene.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### **DH R010 Oral Biology for Dental Hygiene 3 Units**

*In-Class Hours:* 52.5 lecture

*Prerequisites:* DH R001 and BIOL R101 or BIOL R101H and BIOL R101L and MATH R005 or MATH R015 or MATH R105 or MATH R105H and ANAT R101 and CHEM R110 and CHEM R112 and COMM R101 and ENGL R101 or ENGL R101H and MICR R100 and MICR R100L and PHSO R101 and PSY R101 and SOC R101 and ANTH R102 or ANTH R102H or ANTH R114 or CHST R101 or ECE R107 or SJS R110 or SOC R103 or SOC R108

*Corequisites:* DH R011 and DH R012 and DH R013 and DH R014 and DH R015

*Advisories/Rec Prep:* CAOT R803

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. Admittance to Dental Hygiene program per application process.

This course focuses on dental embryology, dental histology, the clinical recognition of normal oral structures, the physiological and structural functions of teeth and supporting tissues, and oral anatomy as related to dental hygiene procedures.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### **DH R011 Oral Radiology for Dental Hygiene 3 Units**

*In-Class Hours:* 35 lecture, 52.5 laboratory

*Prerequisites:* DH R001 and BIOL R101 or BIOL R101H and BIOL R101L and MATH R005 or MATH R015 MATH R105 or MATH R105H and ANAT R101 and CHEM R110 and CHEM R112 and COMM R101 and ENGL R101 or ENGL R101H and MICR R100 and MICR R100L and PHSO R101 and PSY R101 and SOC R101 and ANTH R102 or ANTH R102H or ANTH R114 or CHST R101 or ECE R107 or SJS R110 or SOC R103 or SOC R108

*Corequisites:* DH R010 and DH R012 and DH R013 and DH R014 and DH R015

*Advisories/Rec Prep:* CAOT R803

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. Admittance to Dental Hygiene program per application process.

This course teaches the fundamentals of radiation safety and the operation of dental radiology equipment, along with the clinical application of procedures involved in exposing, processing, mounting and interpreting dental radiographs. This course presents the opportunity to gain certification to legally take dental radiographs.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### **DH R012 Head and Neck Anatomy for Dental Hygiene 2.5 Units**

*In-Class Hours:* 35 lecture, 26.25 laboratory

*Prerequisites:* DH R001 and BIOL R101 or BIOL R101H and BIOL R101L and MATH R005 or MATH R015 or MATH R105 or MATH R105H and ANAT R101 AND CHEM R110 and CHEM R112 and COMM R101 and ENGL R101 or ENGL R101H and MICR R100 and MICR R100L and PHSO R101 and PSY R101 and SOC R101 and ANTH R102 or ANTH R102H or ANTH R114 or CHST R101 or ECE R107 or SJS R110 or SOC R103 or SOC R108

*Corequisites:* DH R010 and DH R011 and DH R013 and DH R014 and DH R015

*Advisories/Rec Prep:* CAOT R803

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. Admittance to Dental Hygiene program per application process.

This course studies the anatomical structures of the head and neck regions and relates these structures to the clinical practice of dental hygiene.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None



**DH R013 Dental Health Education Seminar for Dental Hygiene 1 Unit**

*In-Class Hours:* 17.5 lecture

*Prerequisites:* DH R001 and BIOL R101 or BIOL R101H and BIOL R101L and MATH R005 or MATH R015 or MATH R105 or MATH R105H and ANAT R101 and CHEM R110 and CHEM R112 and COMM R101 and ENGL R101 or ENGL R101H and MICRO R100 and MICRO R100L and PHSO R101 and PSY R101 and SOC R101 and ANTH R102 or ANTH R102H or ANTH R114 or CHST R101 or ECE R107 or SJS R110 or SOC R103 or SOC R108

*Corequisites:* DH R010 and DH R011 and DH R012 and DH R014 and DH R015

*Advisories/Rec Prep:* CAOT R803

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. Admittance to Dental Hygiene program per application process. This course teaches the principles and practices of prevention and control of dental diseases with emphasis on nutrition, plaque control, motivation, and chairside patient education.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

**DH R014 Introduction to Dental Hygiene Practice 3 Units**

*In-Class Hours:* 52.5 lecture

*Prerequisites:* DH R001 and BIOL R101 or BIOL R101H and BIOL R101L and MATH R005 or MATH R015 or MATH R105 or MATH R105H and ANAT R101 and CHEM R110 and CHEM R112 and COMM R101 and ENGL R101 or ENGL R101H and MICRO R100 and MICRO R100L and PHSO R101 and PSY R101 and SOC R101 and ANTH R102 or ANTH R102H or ANTH R114 or CHST R101 or ECE R107 or SJS R110 or SOC R103 or SOC R108

*Corequisites:* DH R010 and DH R011 and DH R012 and DH R013 and DH R015

*Advisories/Rec Prep:* CAOT R803

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. Admittance to Dental Hygiene program per application process.

This course is an introduction to all theoretical and didactic components of the practice of dental hygiene, including disease transmission and prevention, universal precautions, record keeping documentation and protocol, and dental hygiene instrumentation for scaling and root planing.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

**DH R015 Introduction to PreClinic/Clinic for Dental Hygiene 2 Units**

*In-Class Hours:* 105 laboratory

*Prerequisites:* DH R001 and BIOL R101 or BIOL R101H and BIOL R101L and MATH R005 or MATH R015 or MATH R105 or MATH R105H and ANAT R101 and CHEM R110 and CHEM R112 and COMM R101 and ENGL R101 or ENGL R101H and MICRO R100 and MICRO R100L and PHSO R101 and PSY R101 and SOC R101 and ANTH R102 or ANTH R102H or ANTH R114 or CHST R101 or ECE R107 or SJS R110 or SOC R103 or SOC R108

*Corequisites:* DH R010 and DH R011 and DH R012 and DH R013 and DH R014

*Advisories/Rec Prep:* CAOT R803

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Current negative TB test or chest x-ray. No acrylic or long nails in clinical settings. No visible tattoos or visible body piercings except single studs in earlobes. Physical examination demonstrating general good health. Proof of freedom from and immunity to communicable diseases. Admittance to Dental Hygiene program per application process. This course is an introduction to all clinical procedures, such as maintaining the chain of asepsis, and skills, like identifying plaque and calculus, needed for the practice of dental hygiene.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

**DH R020 Local Anesthesia for Nitrous Oxide for Dental Hygiene 2 Units**

*In-Class Hours:* 17.5 lecture, 52.5 laboratory

*Prerequisites:* DH R010 and DH R011 and DH R012 and DH R013 and DH R014 and DH R015

*Corequisites:* DH R021 and DH R022 and DH R023 and DH R024 and DH R025

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course teaches pharmacology, physiology, and proper use of local anesthetic agents. The course also teaches the anatomy of the trigeminal nerve, physiology of nerve conduction, how anesthesia works, and prevention and management of emergencies.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

**DH R021 General and Oral Pathology for Dental Hygiene 4 Units***In-Class Hours:* 70 lecture*Prerequisites:* DH R010 and DH R011 and DH R012 and DH R013 and DH R014 and DH R015*Corequisites:* DH R020 and DH R022 and DH R023 and DH R024 and DH R025

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This is a study of the pathological processes of inflammation, immunology defense, degeneration, neoplasm, developmental disorders, and healing and repair. This class focuses on the recognition of abnormalities in the human body with a special emphasis on normal and abnormal conditions in the oral cavity.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**DH R022 Pharmacology for Dental Hygiene 2 Units***In-Class Hours:* 35 lecture*Prerequisites:* DH R010 and DH R011 and DH R012 and DH R013 and DH R014 and DH R015*Corequisites:* DH R020 and DH R021 and DH R023 and DH R024 and DH R025

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course focuses on the classification and study of drugs according to origin, physical and chemical properties, therapeutic effect and values, particularly of drugs used in dentistry.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**DH R023 Dental Hygiene Clinical Practice I 3 Units***In-Class Hours:* 157.5 laboratory*Prerequisites:* DH R010 and DH R011 and DH R012 and DH R013 and DH R014 and DH R015*Corequisites:* DH R020 and DH R021 and DH R022 and DH R024 and DH R025

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Current negative TB test or chest x-ray. No acrylic or long nails in clinical settings. No visible tattoos or visible body piercings except single studs in earlobes. Physical examination demonstrating general good health. Proof of freedom from and immunity to communicable diseases. This course provides beginning clinical experience in the treatment of adult and child patients. Various clinical procedures utilizing scaling and polishing techniques, extraoral and intraoral inspections, cancer screening, dental and periodontal charting, plaque control instructions and topical fluoride application will be put into supervised practice.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**DH R024 Dental Hygiene Clinic Seminar I 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* DH R010 and DH R011 and DH R012 and DH R013 and DH R014 and DH R015*Corequisites:* DH R020 and DH R021 and DH R022 and DH R023 and DH R025

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course is designed to provide additional didactic material for clinical procedures that students apply in clinical situations. Information presented in previous clinic/patient treatment-related courses is reviewed. Clinical issues and cases are reviewed and discussed.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None

**DH R025 Periodontics for Dental Hygiene I 2 Units**

*In-Class Hours:* 35 lecture

*Prerequisites:* DH R010 and DH R011 and DH R012 and DH R013 and DH R014 and DH R015

*Corequisites:* DH R020 and DH R021 and DH R022 and DH R023 and DH R024

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course in periodontics provides identification of the normal periodontium and recognition of deviations from norm. The etiology and principles of periodontal diseases, examination procedures, treatment and preventive measures are also examined.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

**DH R030 Special Patients/Geriatrics for Dental Hygiene 1 Unit**

*In-Class Hours:* 17.5 lecture

*Prerequisites:* DH R020 and DH R021 and DH R022 and DH R023 and DH R024 and DH R025

*Corequisites:* DH R031 and DH R032 and DH R033 and DH R034 and DH R035 and DH R036

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course teaches characteristics and alternative management techniques of individual patients with special needs, including providing motivation and honing interpersonal communication for these patients. The treatment of the compromised patient and myofunctional therapy is presented.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

**DH R031 Nutrition in Dentistry for Dental Hygiene 1 Unit**

*In-Class Hours:* 17.5 lecture

*Prerequisites:* DH R020 and DH R021 and DH R022 and DH R023 and DH R024 and DH R025

*Corequisites:* DH R030 and DH R032 and DH R033 and DH R034 and DH R035 and DH R036

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course provides the basic principles of nutrition and its relationship to oral health and well-being. The students perform dietary surveys on clinic patients and plan nutritional dietary problems.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

**DH R032 Dental Materials for Dental Hygiene 2 Units**

*In-Class Hours:* 17.5 lecture, 52.5 laboratory

*Prerequisites:* DH R020 and DH R021 and DH R022 and DH R023 and DH R024 and DH R025

*Corequisites:* DH R030 and DH R031 and DH R033 and DH R034 and DH R035 and DH R036

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course teaches the composition and application of various materials used in dental procedures. The fundamentals of chairside assisting while using dental materials are taught and the roles of the entire dental team in working with various dental materials in the care of oral dentition are covered.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

**DH R033 Dental Hygiene Clinic Seminar II 2 Units***In-Class Hours:* 35 lecture*Prerequisites:* DH R020 and DH R021 and DH R022 and DH R023 and DH R024 and DH R025*Corequisites:* DH R030 and DH R031 and DH R032 and DH R034 and DH R035 and DH R036

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course expands knowledge of comprehensive dental hygiene care through lecture and group discussions. Didactic material from other courses is reviewed and supplemented. Clinical issues and cases are also covered.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**DH R034 Dental Hygiene Clinical Practice II 4 Units***In-Class Hours:* 210 laboratory*Prerequisites:* DH R020 and DH R021 and DH R022 and DH R023 and DH R024 and DH R025*Corequisites:* DH R030 and DH R031 and DH R032 and DH R033 and DH R035 and DH R036

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course provides intermediate experience in the treatment of dental hygiene patients to expand on the procedures and techniques and provides additional experience on more difficult patient cases.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**DH R035 Periodontics for Dental Hygiene II 2 Units***In-Class Hours:* 35 lecture*Prerequisites:* DH R020 and DH R021 and DH R022 and DH R023 and DH R024 and DH R025*Corequisites:* DH R030 and DH R031 and DH R032 and DH R033 and DH R034 and DH R036

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course enhances assessment skills applicable to the treatment of patients with advanced periodontal disease. This course teaches the dental hygienist ethical and clinical responsibility in periodontal disorders and the relationship of the specialty practice of periodontics within the broad scope of dentistry and legal ramifications thereof.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**DH R036 Community Oral Health for Dental Hygiene I 2 Units***In-Class Hours:* 35 lecture*Prerequisites:* DH R020 and DH R021 and DH R022 and DH R023 and DH R024 and DH R025*Corequisites:* DH R030 and DH R031 and DH R032 and DH R033 and DH R034 and DH R035

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course introduces students to the principles and practices of dental public health. The emphasis is placed on the role of the dental hygienist as an innovator of and educator in community health programs. Public health issues will be introduced and discussed.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None

**DH R040 Advanced Clinical Topics in Dental Hygiene 2 Units**

*In-Class Hours:* 17.5 lecture, 52.5 laboratory

*Prerequisites:* DH R030 and DH R031 and DH R032 and DH R033 and DH R034 and DH R035 and DH R036

*Corequisites:* DH R041 and DH R042 and DH R043 and DH R044 and DH R045

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course emphasizes advanced dental hygiene skills and procedures; state board patient selection; ways to minimize occupational hazards common to dental practice; and interactional skill development for the dental practice.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

**DH R041 Practice Management for Dental Hygiene 1 Unit**

*In-Class Hours:* 17.5 lecture

*Prerequisites:* DH R030 and DH R031 and DH R032 and DH R033 and DH R034 and DH R035 and DH R036

*Corequisites:* DH R040 and DH R042 and DH R043 and DH R044 and DH R045

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course presents office practice management; ethical and legal aspects of dentistry and dental hygiene; and business matters relating to dental hygiene practice.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

**DH R042 Dental Hygiene Clinic Seminar III 2 Units**

*In-Class Hours:* 35 lecture

*Prerequisites:* DH R030 and DH R031 and DH R032 and DH R033 and DH R034 and DH R035 and DH R036

*Corequisites:* DH R040 and DH R041 and DH R043 and DH R044 and DH R045

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course emphasizes advanced treatment planning and treatment of advanced periodontal patients, and State Board review and preparation.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

**DH R043 Dental Hygiene Clinical Practice III 4 Units**

*In-Class Hours:* 210 laboratory

*Prerequisites:* DH R030 and DH R031 and DH R032 and DH R033 and DH R034 and DH R035 and DH R036

*Corequisites:* DH R040 and DH R041 and DH R042 and DH R044 and DH R045

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course provides advanced clinical experiences in the treatment of adult patients. Various clinical procedures utilizing advanced scaling and root planing, polishing techniques, extraoral and intraoral inspections, cancer screening, dental and periodontal charting, plaque control instructions, nutritional counseling, and topical fluoride will be put into supervised practice.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

**DH R044 Community Oral Health for Dental Hygiene II 1 Unit**

*In-Class Hours:* 52.5 laboratory

*Prerequisites:* DH R030 and DH R031 and DH R032 and DH R033 and DH R034 and DH R035 and DH R036

*Corequisites:* DH R040 and DH R041 and DH R042 and DH R043 and DH R045

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This class is the laboratory portion of the community oral health courses (the lecture portion is Community Oral Health for Dental Hygiene I, DH R036). It uses community settings as the forum to relay the principles of dental public health as they relate to both children and adult populations.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None



**DH R045 Ethics and Jurisprudence for Dental Hygiene 1 Unit***In-Class Hours:* 17.5 lecture*Prerequisites:* DH R030 and DH R031 and DH R032 and DH R033 and DH R034 and DH R035 and DH R036*Corequisites:* DH R040 and DH R041 and DH R042 and DH R043 and DH R044

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course examines the fundamental factors necessary to be employed and practiced within the ethical and legal framework of the state dental practice act and the code of ethics of the American Dental Association.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**DH R050 Dental Hygiene Clinical Practice IV 1 Unit***In-Class Hours:* 52.5 laboratory*Prerequisites:* DH R040 and DH R041 and DH R042 and DH R043 and DH R044 and DH R045

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Current negative TB test or chest x-ray. No acrylic or long nails in clinical settings. No visible tattoos or visible body piercings except single studs in earlobes. Physical examination demonstrating general good health. Proof of freedom from and immunity to communicable diseases. This course provides clinical practice for students as they prepare to take the state dental hygiene licensure examination.

**Grade Modes:** Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Not applicable for degree credit**AA/AS GE:** None**Transfer Credit:** None**DH R051 Clinical Skills Review for Dental Hygiene 0.5 Units***In-Class Hours:* 26.25 laboratory*Prerequisites:* DH R040 and DH R041 and DH R042 and DH R043 and DH R044 and DH R045

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). Proof of freedom from and immunity to communicable diseases. No acrylic or long nails in clinical settings. Current negative TB test or chest x-ray. Physical examination demonstrating general good health. No visible tattoos or visible body piercings except single studs in earlobes. This course provides the opportunity for additional instruction in dental hygiene clinical skills and related studies.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Not applicable for degree credit**AA/AS GE:** None**Transfer Credit:** None

- Dental Hygiene, Associate in Science (p. 270)

*For more information contact:***Dental Hygiene Program (805) 678-5823****Susan McDonald** smcdonald@vcccd.edu

# Dental Hygiene, Associate in Science

The Dental Hygiene Program prepares students for the practice of dental hygiene. A Registered Dental Hygienist (RDH) is a licensed professional who is part of the dental care team, performing such services as oral examination, oral prophylaxis (scaling, root planning, soft tissue curettage and polishing the teeth), exposing and processing dental x-rays, administering local anesthesia and nitrous oxide sedation for pain control, applying preventive substances such as topical fluorides and dental sealants, along with instructing patients in oral disease control and nutrition.

The Dental Hygiene, Associate in Science Degree Program offers academic and clinical skills curriculum within an on-campus clinic. The student is prepared for the National Board Dental Hygiene Examination (written), the state practical examination, and must take the California Law & Ethics exam to gain licensure as a Registered Dental Hygienist.

Course ID	Title	Units/Hours
<b>Program Recommendation</b>		
CAOT R803	Computer Literacy	0
<b>Program Prerequisite Courses</b>		
DH R001	Pre-Dental Hygiene	1
ANAT R101	General Human Anatomy	4
BIOL R101	General Biology (or equivalent)	3
or BIOL R101H	Honors: General Biology	
BIOL R101L	General Biology Laboratory (or equivalent)	1
CHEM R110	Elementary Chemistry	5
CHEM R112	Elementary Organic and Biological Chemistry	5
COMM R101	Introduction to Oral Communication	3
ENGL R101	College Composition	4
or ENGL R101H	Honors: College Composition	
MATH R005	Beginning and Intermediate Algebra for Statistics and Liberal Arts	4-6
or MATH R015	Beginning and Intermediate Algebra	
or MATH R105	Introductory Statistics	
or MATH R105H	Honors: Introductory Statistics	
MICR R100	Principles of Microbiology	3
MICR R100L	Principles of Microbiology Laboratory	2
PHSO R101	Human Physiology	5
PSY R101	General Psychology	3
or PSY R101H	Honors: General Psychology	
SOC R101	Introduction to Sociology	3
or SOC R101H	Honors: Introduction to Sociology	
<b>Select one of the following:</b>		<b>3</b>
ANTH R102	Introduction to Cultural Anthropology	3
or ANTH R102H	Honors: Introduction to Cultural Anthropology	
ANTH/ETHS R114	African American Culture and Experience	3
CHST R101	Introduction to Chicana/o Studies	3
ECE R107	Teaching in a Diverse Society	3
SJS/ETHS R110	Introduction to Social Justice Studies	3
SOC R103	Race and Ethnic Relations	3
SOC/CHST R108	Sociology of the Chicano Community	3

The courses listed above are not necessarily entry-level. Oxnard College offers courses to prepare students to succeed in these prerequisites. The Dental Hygiene Program requires full-time enrollment. See a counselor for more information.

**Dental Hygiene Program Admission**

Upon completion of the prerequisites, students must apply for admission to the Dental Hygiene program. A minimum cumulative college GPA of 3.0 is required. All colleges ever attended must be reported. All science prerequisites must have been completed no more than 5 years prior to application to the Dental Hygiene program and must have been completed with a 3.0 GPA. Contact the program coordinator at 805-678-5823 for details on the selection process. *The Dental Hygiene program requires full-time enrollment.*

Course ID	Title	Units/ Hours
<b>Required Dental Hygiene Courses</b>		
DH R010	Oral Biology for Dental Hygiene	
DH R011	Oral Radiology for Dental Hygiene	
DH R012	Head and Neck Anatomy for Dental Hygiene	
DH R013	Dental Health Education Seminar for Dental Hygiene	
DH R014	Introduction to Dental Hygiene Practice	
DH R015	Introduction to PreClinic/Clinic for Dental Hygiene	
DH R020	Local Anesthesia for Nitrous Oxide for Dental Hygiene	
DH R021	General and Oral Pathology for Dental Hygiene	
DH R022	Pharmacology for Dental Hygiene	
DH R023	Dental Hygiene Clinical Practice I	
DH R024	Dental Hygiene Clinic Seminar I	
DH R025	Periodontics for Dental Hygiene I	
DH R030	Special Patients/Geriatrics for Dental Hygiene	
DH R031	Nutrition in Dentistry for Dental Hygiene	
DH R032	Dental Materials for Dental Hygiene	
DH R033	Dental Hygiene Clinic Seminar II	
DH R034	Dental Hygiene Clinical Practice II	
DH R035	Periodontics for Dental Hygiene II	
DH R036	Community Oral Health for Dental Hygiene I	
DH R040	Advanced Clinical Topics in Dental Hygiene	
DH R041	Practice Management for Dental Hygiene	
DH R042	Dental Hygiene Clinic Seminar III	
DH R043	Dental Hygiene Clinical Practice III	
DH R044	Community Oral Health for Dental Hygiene II	
DH R045	Ethics and Jurisprudence for Dental Hygiene	
<b>Total Required Major Units</b>		<b>55.5</b>
Oxnard College General Education		29
Double-Counted Units		- 16

Free Electives Required	0
<b>Total Required Units for A.S. Degree</b>	<b>68.5</b>

To complete the Associate Degree, students must meet requirements in the major, general education, competency, units, scholarship, and residency. Refer to Earn an Associate Degree (p. 53) and the A.A. or A.S. Degree in Specific Majors (p. 55) sections of this catalog.

Year 1		Units/Hours
Fall Semester		
DH R010	Oral Biology for Dental Hygiene	3
DH R011	Oral Radiology for Dental Hygiene	3
DH R012	Head and Neck Anatomy for Dental Hygiene	2.5
DH R013	Dental Health Education Seminar for Dental Hygiene	1
DH R014	Introduction to Dental Hygiene Practice	3
DH R015	Introduction to PreClinic/Clinic for Dental Hygiene	2
<b>Units/Hours</b>		<b>14.5</b>

Spring Semester		Units/Hours
DH R020	Local Anesthesia for Nitrous Oxide for Dental Hygiene	2
DH R021	General and Oral Pathology for Dental Hygiene	4
DH R022	Pharmacology for Dental Hygiene	2
DH R023	Dental Hygiene Clinical Practice I	3
DH R024	Dental Hygiene Clinic Seminar I	3
DH R025	Periodontics for Dental Hygiene I	2
<b>Units/Hours</b>		<b>16</b>

Year 2		Units/Hours
Fall Semester		
DH R030	Special Patients/Geriatrics for Dental Hygiene	1
DH R031	Nutrition in Dentistry for Dental Hygiene	1
DH R032	Dental Materials for Dental Hygiene	2
DH R033	Dental Hygiene Clinic Seminar II	2
DH R034	Dental Hygiene Clinical Practice II	4
DH R035	Periodontics for Dental Hygiene II	2
DH R036	Community Oral Health for Dental Hygiene I	2
<b>Units/Hours</b>		<b>14</b>

Spring Semester		Units/Hours
DH R040	Advanced Clinical Topics in Dental Hygiene	2
DH R041	Practice Management for Dental Hygiene	1
DH R042	Dental Hygiene Clinic Seminar III	2
DH R043	Dental Hygiene Clinical Practice III	4
DH R044	Community Oral Health for Dental Hygiene II	1
DH R045	Ethics and Jurisprudence for Dental Hygiene	1
<b>Units/Hours</b>		<b>11</b>
<b>Total Units/Hours</b>		<b>55.5</b>

Upon successful completion of this program, students will be able to:

- Demonstrate competence in performing the common local anesthetic techniques used in the practice of dental hygiene.
- Analyze oral structures/tissues and evaluate these oral structures/tissues for pathology and treat any pathology appropriately.
- Construct dental hygiene treatment plans and employ these plans to provide comprehensive dental hygiene treatment to patients.
- Manage their fundamental roles in the dental practice
- Operate dental radiographic equipment properly and safely
- Evaluate patients' medical/dental histories and make appropriate adjustments to their dental hygiene treatment.

## Early Childhood Education

The Early Childhood Education program offers classes that combine lecture and lab activities. These courses prepare students who are interested in working with young children including those seeking certification to work in a day care facility. Students learn to plan nurturing educational environments and activities that enhance children's emotional, cognitive and physical development.

A four stage matrix guides career preparation in accordance with California State licensing standards. At Oxnard College, students may complete a certificate program that prepares them for employment as an Assistant Teacher in a public day care facility and complete additional courses in child development and general education to qualify as a Teacher. An Associate of Science degree with a major in Early Childhood Education is available that prepares them for other career options. Areas of specialization include Diversity, Infant/Toddlers and Special Needs. Stipends for study may be available through grants and programs such as the First Five Initiative.

For more information on Child Development permits see the Commission on Teacher Credentialing ([https://www.ctc.ca.gov/credentials/leaflets/child-development-permits-\(cl-797\)/](https://www.ctc.ca.gov/credentials/leaflets/child-development-permits-(cl-797)/)) website.

### ECE R100 Introduction to Curriculum for the Young Child 3 Units

*Formerly:* CD R100

*In-Class Hours:* 52.5 lecture

*C-ID:* ECE 130

This course introduces students to developmentally appropriate curriculum and environments for children birth through age eight. Explores teaching strategies and curriculum development based on theoretical frameworks, observation, and assessment. Emphasizes the teacher's role in supporting development and learning across the curriculum, including all content areas.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### ECE R102 Child Growth and Development 3 Units

*In-Class Hours:* 52.50 lecture

*C-ID:* CDEV 100

This introductory course examines the progression of development in the physical, cognitive, social, and emotional domains and identifies developmental milestones for children from conception through adolescence. Interactions between biological processes and environmental factors will be explored. Students will observe children, evaluate individual differences, and analyze characteristics of development at various stages according to developmental theories. The course will also examine cultural, economic, political, and historical contexts that impact children's development.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D, E

**IGETC:** 4

### ECE R103 Programs for Young Children 3 Units

*Formerly:* CD R103

*In-Class Hours:* 52.50 lecture

*C-ID:* ECE 120

This course introduces the historical context and theoretical perspectives of developmentally appropriate practice in early care and education for children, birth through age eight. The typical roles and expectations of early childhood educators are explored and professional ethics, career pathways, and professional standards will be identified. Best practices for providing developmentally an appropriate learning environment, curriculum, and effective pedagogy for young children including how play contributes to children's learning, growth, and development are introduced. The importance of race and ethnicity in the context of culture and the need to support diverse cultures of young children in the programs will be analyzed.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### ECE R106 Child, Family and Community 3 Units

*Formerly:* CD R106

*In-Class Hours:* 52.5 lecture

*C-ID:* CDEV 110

This course introduces the process of socialization focusing on the interrelationship of family, school, and community. The course will also examine the influence of multiple societal contexts and explore the role of collaboration between family, community, and schools in supporting children's development, birth through adolescence.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D

**IGETC:** None

### ECE R107 Teaching in a Diverse Society 3 Units

*Formerly:* CD R107

*In-Class Hours:* 52.5 lecture

*C-ID:* ECE 230

This course examines the impact of various societal influences on the development of children's social identity. Students encounter that diversity is a major cultural trait of the United States, and recognize that schools reflect the societal makeup of our country. The course includes an identification of the main differences and similarities among various cultural groups and those of the mainstream culture.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** F

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** D

**IGETC:** None

**ECE R108 The Exceptional Child 3 Units**

*Formerly:* CD R108

*Same-As:* PSY R111

*In-Class Hours:* 52.50 lecture

This course is designed to give educators and other caregivers an overview of children with exceptional characteristics. The main emphasis of this course is to provide an introduction to the broad span of children with exceptional characteristics and to the field of special education. Cultural backgrounds, beliefs, and linguistic practices that can impede parent involvement will be examined and students will be taught to identify ways school personnel can help families understand school culture, policies, and practices. Students will be introduced to the Individuals with Disabilities Education Act (IDEA) and related laws and regulations that impact special education and support programs and learn basic classroom management theories and strategies for individuals with exceptional learning needs.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**ECE R111 Observation and Assessment 3 Units**

*In-Class Hours:* 35 lecture, 52.5 laboratory

*Prerequisites:* ECE R100 and ECE R102

*Advisories/Rec Prep:* Finger print clearance as some child development centers may require fingerprinting

*Enrollment Limitations:* Proof of freedom from and immunity to communicable diseases. Current negative TB test or chest x-ray.

*C-ID:* ECE 200

This course focuses on the appropriate use of a variety of assessment and observation strategies to document child development and behavior. Under supervision, field experience students will develop their skills of observation and analyze teacher/child interaction.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**ECE R112 Practicum in Early Childhood Education 3 Units**

*In-Class Hours:* 35 lecture, 52.5 laboratory

*Prerequisites:* ECE R102, ECE R106, and ECE R111

*Enrollment Limitations:* Current negative TB test or chest x-ray. Finger print clearance may be required for some programs or school districts.

*C-ID:* ECE 210

This course demonstrates developmentally appropriate early childhood program planning and teaching competencies under the supervision of Early Childhood Education (ECE) faculty and other qualified early education professionals. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Reflective practice will be emphasized as student-teachers design, implement, and evaluate approaches, strategies, and techniques that promote development and learning. Students will explore career pathways, professional development, and teacher responsibilities.

**Grade Modes:** Letter Graded

**Field Trips:** Will be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**ECE R129 Child Nutrition, Health and Safety 3 Units**

*In-Class Hours:* 52.50 lecture

*C-ID:* ECE 220

This course provides an introduction to the laws, regulations, standards, policies, procedures, and best practices related to health, safety, and nutrition in both care and education settings for children, from birth through middle childhood. The key components that ensure physical health, mental health, and safety for both children and staff will be identified, along with the importance of collaboration with families and health professionals. This course focuses on integrating the concepts taught into everyday planning and program development.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**ECE R133 Language Arts in Early Childhood 3 Units***Formerly:* CD R133*In-Class Hours:* 52.50 lecture

This course provides current information and practice of language arts and literature experiences for young children. It explores experiences which support and extend children's ability to use language as a means of communication, medium of creative expression, and tool in the development of logical thought. It also provides a foundation for the child's early literacy. Students will learn to use poetry, puppetry, flannel board material, storytelling, and children's literature as tools to support pre-reading and pre-writing skills.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ECE R199 Directed Studies in Early Childhood Education 0.5-3 Units***Formerly:* CD R199*In-Class Hours:* 8.75-52.5 lecture*Prerequisites:* ECE R111

This course is designed for selected students interested in furthering their knowledge of early childhood education on an independent basis. Students will be involved in research, lab experience, and field work.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

- Early Childhood Education, Associate in Science for Transfer (p. 274)
- Early Childhood Studies, Associate in Science (p. 275)
- Early Childhood Studies Associate Teacher, Certificate of Achievement (p. 275)
- Early Childhood Studies, Certificate of Achievement (p. 276)

*For more information, contact:***Patricia Mendez (805) 678-5054** pmendez@vcccd.edu

## Early Childhood Education, Associate in Science for Transfer

The Associate in Science in Early Childhood Education for Transfer (Early Childhood Education AS-T) is intended for students who plan to complete a bachelor's degree in Early Childhood Education or a "similar" major at a CSU campus. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) and seek guidance from an Oxnard College counselor.

Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

To earn an AS-T in Early Childhood Education degree, students must:

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 24 semester units in the Early Childhood Education major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass no-pass" is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that accepts the Early Childhood Education AS-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
ECE R100	Introduction to Curriculum for the Young Child	3
ECE R102	Child Growth and Development	3
ECE R103	Programs for Young Children	3
ECE R106	Child, Family and Community	3
ECE R107	Teaching in a Diverse Society	3
ECE R111	Observation and Assessment	3
ECE R112	Practicum in Early Childhood Education	3
ECE R129	Child Nutrition, Health and Safety	3
<b>Total Required Major Units</b>		<b>24</b>
CSU GE-Breadth		39
Double-Counted Units		-9
Free Electives Required		6
<b>Total Units Required for AS-T Degree</b>		<b>60</b>
OR		
<b>Total Required Major Units</b>		<b>24</b>
IGETC		37
Double-Counted Units		-3
Free Electives Required		2
<b>Total Units Required for AS-T Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:



- Interpret best and promising teaching and care practices as it relates to the history of Early Childhood Education, range of delivery systems, program types and philosophies and ethical standards.
- Design, implement and evaluate environments and activities that support positive developmental play and learning outcomes for all young children.
- Critique strategies that support and empower families through respectful, reciprocal relationships to involve all families in their children’s development and learning.
- Critically assess community support services and agencies that are available to families and how those services impact the relationship between children and families.
- Demonstrate systematic observation methods to provide data to assess the impact of the environment, interactions and curriculum on all domains of children’s learning and development.
- Analyze major developmental milestones for children from conception through adolescence in the areas of physical, psychosocial, cognitive, and language development using standard research methodologies.
- Differentiate characteristics of typical and atypical development at various stages.
- Apply effective guidance and interaction strategies that support all children’s social learning, identity and self-confidence

Spring Semester		
ECE R106	Child, Family and Community	3
ECE R111	Observation and Assessment	3
<b>Units/Hours</b>		<b>6</b>
<b>Total Units/Hours</b>		<b>12</b>

Upon successful completion of this program, students will be able to:

- Interpret best and promising teaching and care practices as it relates to the history of Early Childhood Education, range of delivery systems, program types and philosophies and ethical standards.
- Design, implement and evaluate environments and activities that support positive developmental play and learning outcomes for all young children.
- Critique strategies that support and empower families through respectful, reciprocal relationships to involve all families in their children’s development and learning.
- Critically assess community support services and agencies that are available to families and agencies that are available to families and how those services impact the relationship between children and families.
- Demonstrate systematic observation methods to provide data to assess the impact of the environment, interactions, and curriculum on all domains of children’s learning and development.

## Early Childhood Studies Associate Teacher, Certificate of Achievement

The Early Childhood Studies Associate Teacher Certificate is designed for students intending to work in Early Childhood Education, or a similar field, or for students interested in studying Child Development for general understanding of child growth and development within the family and cultural context. Students who complete this Certificate will develop the knowledge of subject matter and professional skills that enable them to work in the Early Education and Family Development fields, or any related professional area.

The Early Childhood Studies Associate Teacher Certificate of Achievement demonstrates that a student has met the educational requirements to apply for an Associate Teacher level permit issued by the California Commission on Teacher Credentialing. This educational criterion also demonstrates that a student has met minimum educational requirements set by Title 22 licensing regulations for the State of California.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
ECE R100	Introduction to Curriculum for the Young Child	3
ECE R102	Child Growth and Development	3
ECE R106	Child, Family and Community	3
ECE R111	Observation and Assessment	3
<b>Total Required Units for Certificate</b>		<b>12</b>

Year 1		
Fall Semester		Units/Hours
ECE R100	Introduction to Curriculum for the Young Child	3
ECE R102	Child Growth and Development	3
<b>Units/Hours</b>		<b>6</b>

## Early Childhood Studies, Associate in Science

The Early Childhood Studies Associate in Science degree at Oxnard College is designed to prepare students for the role of Teacher, with responsibility for implementing developmentally appropriate early childhood teaching strategies under guided supervision. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families.

Upon completing the major requirements for the Associate Degree in Early Childhood Studies, students will qualify for a teacher-level permit issued by the California Commission on Teacher Credentialing. This permit will allow them to teach under the supervision of an Early Education Program Director or Supervisor in federally-funded programs, family-home care owner or center-based programs, intervention programs, respite care programs, private programs or non-profit agencies.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
ECE R100	Introduction to Curriculum for the Young Child	3
ECE R102	Child Growth and Development	3
ECE R103	Programs for Young Children	3
ECE R106	Child, Family and Community	3
ECE R107	Teaching in a Diverse Society	3
ECE R111	Observation and Assessment	3
ECE R112	Practicum in Early Childhood Education	3
ECE R129	Child Nutrition, Health and Safety	3
<b>Total Required Major Units</b>		<b>24</b>
Oxnard College General Education		29
Double-Counted Units		- 3

Free Elective Required	10
<b>Total Units Required for A.S. Degree</b>	<b>60</b>

Upon successful completion of this program, students will be able to:

- Understand and apply child development theories and principles.
- Identify and implement observation, documentation, and other assessment strategies.
- Value and cultivate collaborative family and community relationships.
- Identify, develop, and implement developmentally appropriate curriculum and teaching practices to positively guide children's behavior and learning.
- Develop self-reflective habits and grow as members of the early childhood profession to understand the complexities of working with diverse groups of families, children, staff and the community.
- Develop an environment that honors the diversity of the learning community - through empowerment, equity, respect, and dignity.

## Early Childhood Studies, Certificate of Achievement

The Early Childhood Studies program at Oxnard College is designed to prepare students for the role of Teacher with responsibility of implementing developmentally appropriate early childhood teaching strategies under guided supervision. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families.

Upon completing the major requirements for the certificate in Early Childhood Studies, and 16 units of general education courses, students will qualify for a teacher-level permit issued by the California Commission on Teacher Credentialing. This permit will allow them to teach under the supervision of an Early Education Program Director or Supervisor, in federally-funded programs, family-home care owner or center-based programs, intervention programs, respite care programs, private programs or non-profit agencies.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
ECE R100	Introduction to Curriculum for the Young Child	3
ECE R102	Child Growth and Development	3
ECE R103	Programs for Young Children	3
ECE R106	Child, Family and Community	3
ECE R107	Teaching in a Diverse Society	3
ECE R111	Observation and Assessment	3
ECE R112	Practicum in Early Childhood Education	3
ECE R129	Child Nutrition, Health and Safety	3
<b>Total Required Units for Certificate</b>		<b>24</b>

### Year 1

Fall Semester	Units/Hours
ECE R100	Introduction to Curriculum for the Young Child
ECE R102	Child Growth and Development
<b>Units/Hours</b>	
<b>6</b>	
Spring Semester	Units/Hours
ECE R103	Programs for Young Children
<b>3</b>	

ECE R106	Child, Family and Community	3
ECE R111	Observation and Assessment	3
<b>Units/Hours</b>		<b>9</b>

### Summer Semester

ECE R107	Teaching in a Diverse Society	3
ECE R112	Practicum in Early Childhood Education	3
ECE R129	Child Nutrition, Health and Safety	3
<b>Units/Hours</b>		<b>9</b>
<b>Total Units/Hours</b>		<b>24</b>

Upon successful completion of this program, students will be able to:

- Understand and apply child development theories and principles.
- Identify and implement observation, documentation, and other assessment strategies.
- Value and cultivate collaborative family and community relationships.
- Identify, develop, and implement developmentally appropriate curriculum and teaching practices to positively guide children's behavior and learning.
- Develop self-reflective habits and grow as members of the early childhood profession to understand the complexities of working with diverse groups of families, children, staff and the community.
- Develop an environment that honors the diversity of the learning community - through empowerment, equity, respect, and dignity.

## Economics

Economics is one of the most useful and relevant areas of study. Economics will teach you analytical reasoning, critical thinking and good communication skills at the micro and macro level, such as you will need to succeed in an increasingly globally competitive environment. The global application of economic decision-making and interests that is currently shaping the rise, fall and survival of nations is also making it imperative for those hoping to succeed in this emerging global environment to develop sound understanding of economic processes and interactions.

CSUCI, CSUN, CSULB, CSULA, UCSB and UCLA, and almost every CSU and UC have Economics majors to which you will be able to transfer. With training in Economics you will have a wide range of career and educational options. You will acquire specific job-related skills and also have access to many other areas of further university education besides Economics.

As an Economics major you will not only be prepared for a wide variety of Career Opportunities and well-paying jobs in finance, investment, banking, government, business, international agencies and non-profit corporations, you will also acquire the decision-making skills that you will need to become a successful entrepreneur and your own boss. At the same time, you will continue to have the option to join the general pool of labor such as you could with a General Studies major, or any other social science or humanities degree. A point to note is that, according to the Bureau of Labor Statistics (BLS), Economics majors have some of the lowest unemployment rates, a fact that held true through the harsh job conditions of the Great Recession of 2007-2009.

### University of California Limitation on Transfer of Economics Courses

The UC **will not** give credit for ECON R100 if taken after ECON R201 or ECON R202.

**NOTE:** The UC limits enrollment in some courses. See the UC Transfer Course Agreement (p. 105) page for details.

**ECON R100 Introduction to Economics and Contemporary Economics Issues 3 Units**

*In-Class Hours:* 52.5 lecture

*Advisories/Rec Prep:* ENGL R095 and ENGL R097 or equivalent

This course provides students with an introductory knowledge of fundamental economic principles and economic data. By examining a variety of current economic issues and their historical origins, the course will prepare students to make critical evaluations of economic issues and policies. Emerging complexities involving globalization, outsourcing, challenges of new demographic patterns, international trade agreements, and labor-cost differentials, are some sample areas of interest.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D

**IGETC:** 4

**ECON R201 Introduction to the Principles of Microeconomics 3 Units**

*Formerly:* ECON R102

*In-Class Hours:* 52.5 lecture

*Prerequisites:* MATH R002 or MATH R005 or MATH R011 or MATH R015

*Advisories/Rec Prep:* MATH R014 or MATH R014B

*C-ID:* ECON 201

This course introduces the student to the functioning of the market mechanism, its strengths and weaknesses, and to the role of the consumer and the producer in the modern global economy. This course also examines the behavior of the consumer, and that of the profit-maximizing firm in regard to cost, price and output, within varying levels of competition, and government regulations.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D

**IGETC:** 4

**ECON R201H Honors: Introduction to the Principles of Microeconomics 3 Units**

*Formerly:* ECON R102H

*In-Class Hours:* 52.5 lecture

*Prerequisites:* MATH R002 or MATH R005 or MATH R011 or MATH R015

*Advisories/Rec Prep:* MATH R014 or MATH R014B

*C-ID:* ECON 201

This course introduces the student to the functioning of the market mechanism, its strengths and weaknesses, and to the role of the consumer and the producer in the modern global economy. This course also examines the behavior of the consumer, and that of the profit-maximizing firm in regard to cost, price and output, within varying levels of competition, and government regulations. Honors work challenges students to be more analytical and to be able to demonstrate a higher level of grasp of economic theory through expanded assignments and real world applications and enrichment opportunities. Credit will not be awarded for both the honors and the regular versions of a course. Credit will be awarded only for the first course completed with a grade of C or better or "P".

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D

**IGETC:** 4

**ECON R202 Introduction to the Principles of Macroeconomics 3 Units**

*Formerly:* ECON R101

*In-Class Hours:* 52.5 lecture

*Prerequisites:* MATH R002 or MATH R005 or MATH R011 or MATH R015

*Advisories/Rec Prep:* MATH R014 or MATH R014B

*C-ID:* ECON 202

This course introduces the student to the functioning of the national economy in a global environment, its economic institutions, and to the issues of economic policy related to levels of employment, prices, economic growth, national income accounting and international trade and exchange rates. It examines alternate economic systems, the interplay between the government and the private sector, and the determination of public policy.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D

**IGETC:** 4

**ECON R202H Honors: Introduction to the Principles of Macroeconomics 3 Units***Formerly:* ECON R101H*In-Class Hours:* 52.5 lecture*Prerequisites:* MATH R002 or MATH R005 or MATH R011 or MATH R015*Advisories/Rec Prep:* MATH R014 or MATH R014B*C-ID:* ECON 202

This course introduces the student to the functioning of the national economy in a global environment, its economic institutions, and to the issues of economic policy related to levels of employment, prices, economic growth, national income accounting and international trade and exchange rates. It examines alternate economic systems, the interplay between the government and the private sector, and the determination of public policy. Honors work challenges students to be more analytical and to be able to demonstrate a higher level of grasp of economic theory through expanded assignments and real world applications and enrichment opportunities.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4

- Economics, Associate in Arts for Transfer (p. 279)
- Economics, Associate in Arts (p. 278)

*For more information, contact:***Dr. Ishita Edwards (805) 678-5060** [iedwards@vcccd.edu](mailto:iedwards@vcccd.edu)

## Economics, Associate in Arts

The Economics program at Oxnard College is built primarily around two lower division Economics courses that transfer to all major universities in California and to universities in other states of the U.S. These are the 1) Principles of Microeconomics, and 2) Principles of Macroeconomics. In addition, the program offers a general, more applications-based course in Economics (Contemporary Economic Issues). Beyond these, the Economics program links with other courses at Oxnard College that transfer to major universities to offer students sound educational and career pathways. Students whose transcripts show a strong Economics preparation are valued in the employment market, whether they specialize in Economics, Accounting, Business or Finance, or they choose to combine their study of Economics with a broader preparation and diversify into Political Economy, Public Policy, Urban Studies, Social Economics, Experimental Economics, Environmental Economics, Legal Studies, or any number of other related and expanding academic and career pathways.

An Associate Degree in Economics (AA in Economics) is an alternate pathway (to the AA-T in Economics) that is designed to meet the needs of those students with an inherent interest in the study of Economics, but who have little interest in pursuing a mathematical-business approach as available in the AA-T in Economics. The AA in Economics will permit students to learn Economics with a broader, more multi-disciplinary, perspective. An AA in Economics will synthesize the analytical approach of Economics with applications of economic analysis in other fields of learning such as the social, the political, public policy, urban studies, the

experimental, legal studies, environmental studies, and a host of other areas beyond Business or Accounting.

The AA in Economics touts the fact that this pathway enables the student to develop a sound understanding of economic principles and methods, and be able to apply this learning over to other areas of their interest for which many academic and employment opportunities exist in our economy. In this day and age of globalization, the projected relevance of an AA in Economics cannot be underestimated. The increasingly global economy particularly seeks employees with strong training and aptitude in Economics who can also relate and adapt to the broader spectrum of international, political, cultural, and environmental realities.

The AA in Economics options is built around courses that transfer to all major universities. Over the past quarter of a century, Oxnard College students who have completed the core Principles of Micro and Macroeconomics courses have transferred to Stanford U., Yale, Harvard, Columbia, UC Berkeley, UCLA, UCSB, UC Irvine, UC Davis, UC San Diego, USC, Pepperdine, Loyola Marymount, California Lutheran University, and numerous California State Universities, including the California Polytechnic, SLO, CSUN, CSUCI, and CSULB.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		<b>9</b>
ECON R100	Introduction to Economics and Contemporary Economics Issues	
ECON R201	Introduction to the Principles of Microeconomics	
	or ECON R201H Honors: Introduction to the Principles of Microeconomics	
ECON R202	Introduction to the Principles of Macroeconomics	
	or ECON R202H Honors: Introduction to the Principles of Macroeconomics	
<b>Student must select at least 3 courses from the following:</b>		<b>9-12</b>
ACCT R101	Financial Accounting	
	or ACCT R101H Honors: Financial Accounting	
ACCT R102	Managerial Accounting	
HIST R160	World History II	
	or HIST R160H Honors: World History II	
HIST R140	History of the United States II	
	or HIST R140H Honors: History of the United States II	
MATH R105	Introductory Statistics	
	or MATH R105H Honors: Introductory Statistics	
MATH R106	Business Calculus	
MATH R120	Calculus with Analytic Geometry I	
PHIL R107	Introduction to Logic	
PHIL R100	Critical Thinking	
	or PHIL R111 Critical Thinking and Analytic Writing	
POLS R100	Introduction to Politics	
POLS R101	Government of the United States I: Institutions and Politics	
POLS R104	Introduction to International Relations	
POLS R108	Comparative Politics	
PSY R101	General Psychology	
	or PSY R101H Honors: General Psychology	

SOC R101	Introduction to Sociology	
or SOC R101H	Honors: Introduction to Sociology	
ESRM R100	Introduction to Environmental Science	
<b>Total Required Major Units</b>		<b>18-21</b>
<b>Oxnard College General Education Pattern</b>		<b>29</b>
Double-Counted Units		- 6-12
Free Electives Required		19-25
<b>Total Units Required for the A.A. Degree</b>		<b>60</b>
OR		
<b>CSU GE Breadth</b>		<b>39</b>
Health (can be taken within CSU GE)		3
Physical Education		1
Double-Counted Units		- 9-18
Free Electives Required		5-17
<b>Total Units Required for A.A. Degree</b>		<b>60</b>
OR		
<b>IGETC</b>		<b>37</b>
Health		3
Physical Education		1
Double-Counted Units		- 9-15
Free Electives Required		7-16
<b>Total Units Required for the A.A. Degree</b>		<b>60</b>

To complete the Associate Degree, students must meet requirements in the major, general education, competency, units, scholarship, and residency. Refer to Earn an Associate Degree and the A.A. or A.S. Degree in Specific Majors sections of this catalog.

**General Education requirements:** Students will be allowed to choose the general education pattern that best aligns with their educational goals from those offered by Oxnard College including the Oxnard College General Education pattern, CSU GE-Breadth, or IGETC.

Upon successful completion of this program, students will be able to:

- Articulate the difference between micro and macroeconomic theories, and be able to apply these correctly to economic issues and events.
- Demonstrate the ability to critically examine real world economic, political and social issues, with an objective and analytical approach, and the ability to effectively apply economic theories and reasoning to such real world economic and interdisciplinary situations.
- Demonstrate the ability to apply appropriate graphs, data, and quantitative analysis, to economic issues and events.
- Demonstrate an awareness of global economic issues and be able to apply economic theories and analyses to issues and events from a global perspective.
- Demonstrate the ability to effectively communicate economic information, ideas and reasoning, in writing, and with the correct use of grammar and sentence structure. This will require evidence of application of the appropriate levels of economic analysis, and be supported by data, quantitative and non-quantitative evidence, and quantitative tools.
- Demonstrate effective critical thinking abilities when examining economic issues as presented in their textbook, books, articles, newspapers, and other written as well as oral sources.
- Demonstrate an ability to conduct disciplined reasoning upon matters pertaining to everyday decisions at the micro and macro levels, and be able to distinguish between analysis and opinion. This will

require the ability to draw conclusions from within the constraints of available facts and evidence, and without adding imagined extraneous information.

## Economics, Associate in Arts for Transfer

The Associate in Arts in Economics for Transfer (Economics AA-T) is intended for students who plan to complete a bachelor's degree in a "similar" major at a CSU campus. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

To earn an AA-T in Economics, students must:

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 20 semester units in the Economics major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that accepts the **Economics AA-T** will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is designated as a high-unit major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
ECON R202	Introduction to the Principles of Macroeconomics	<b>14-15</b>
or ECON R202H	Honors: Introduction to the Principles of Macroeconomics	
ECON R201	Introduction to the Principles of Microeconomics	



or ECON R201H Honors: Introduction to the Principles of Microeconomics

MATH R105 Introductory Statistics

or MATH R105H Honors: Introductory Statistics

MATH R106 Business Calculus

or MATH R120 Calculus with Analytic Geometry I

**List A** **3-5**

Select one of the following courses:

MATH R121 Calculus with Analytic Geometry II

ACCT R101 Financial Accounting

or ACCT R101H Honors: Financial Accounting

ACCT R102 Managerial Accounting

CIS R100 Introduction to Computer Information Systems

BUS R140 Business Communications

**List B** **3-5**

Select one course from the following or any course from List A not selected above:

ECON R100 Introduction to Economics and Contemporary Economics Issues

MATH R122 Calculus with Analytic Geometry III

MATH R134 Linear Algebra

**Total Required Major Units** **20-25**

**CSU General Education** **39**

Double-Counted Units - 9

Free Electives Required 5-10

**Total Units Required for AA-T Degree** **60**

OR

**IGETC** **37**

Double-Counted Units - 9

Free Elective Required 7-12

**Total Units Required for AA-T Degree** **60**

Upon successful completion of this program, students will be able to:

- Articulate the difference between micro and macroeconomic theories, and be able to apply these correctly to economic issues and events.
- Demonstrate the ability to critically examine real world economic, political and social issues, with an objective and analytical approach, and the ability to effectively apply economic theories and reasoning to such real world economic and interdisciplinary situations.
- Demonstrate the ability to apply appropriate graphs, data, and quantitative analysis, to economic issues and events.
- Demonstrate an awareness of global economic issues and be able to apply economic theories and analyses to issues and events from a global perspective.
- Demonstrate the ability to effectively communicate economic information, ideas and reasoning, in writing, and with the correct use of grammar and sentence structure. This will require evidence of application of the appropriate levels of economic analysis, and be supported by data, quantitative and non-quantitative evidence, and quantitative tools.
- Demonstrate effective critical thinking abilities when examining economic issues as presented in their textbook, books, articles, newspapers, and other written as well as oral sources.

- Demonstrate an ability to conduct disciplined reasoning upon matters pertaining to everyday decisions at the micro and macro levels, and be able to distinguish between analysis and opinion. This will require the ability to draw conclusions from within the constraints of available facts and evidence, and without adding imagined extraneous information.

## Education

This program is designed for students who wish to earn a multiple-subject teaching credential authorizing them to teach in a self-contained classroom, typically in elementary schools in grades K-5. Students will study a broad range of subjects to prepare them for teaching including English, mathematics, science, social science, visual and performing arts, and human development. The AA-T provides a strong academic foundation in the field and preparation for upper division baccalaureate study. Upon successful completion of the program, students will be prepared to transfer to a California State University (CSU) and major in Liberal Studies. Then, after completion of the bachelor's degree, students will apply to a teacher credentialing program and complete their multiple subject teaching credential.

In this AA-T, competencies will be assessed through projects, examinations, laboratory experiments, and presentations. The coursework in the AA-T will satisfy most of the lower-division requirements at many institutions within the California State University system.

### EDU R122 Introduction to Education 3 Units

*In-Class Hours:* 52.5 lecture

*Enrollment Limitations:* Fingerprint clearance. Current negative TB test or chest x-ray.

*C-ID:* EDUC 200

This introductory course provides students with fundamental knowledge of the American public education system. With an emphasis on meeting the needs of diverse learners in an urban environment, students learn major concepts, principles, and theories about teaching and learning. Students will participate in activities and projects to practice applying these lessons to the design and implementation of instruction and assessment. Students will learn how to create a safe, equitable classroom environment that promotes the academic achievement of all students. This course is primarily designed for individuals considering teaching as a profession, and for paraprofessionals and volunteers working in the public school system. In addition to attending weekly class, a minimum of 45 hours of classroom observation in an assigned California public elementary school is required.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**EDU R124 Teaching Literacy in Diverse Classrooms 3 Units**

*In-Class Hours:* 52.5 lecture

This course provides an understanding of learning and teaching literacy in a diverse, technologically complex society. This course focuses on providing students with knowledge of a comprehensive balanced literacy approach, including an understanding and use of the major descriptors of developing literacy, appropriate assessment methods and instruments, and a developmental and analytical appreciation for writing strategies, conventions, applications, and interpretation of texts and genres.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** D

**IGETC:** None

- Elementary Teacher Education, Associate in Arts for Transfer (p. 281)

*For more information, contact:*

Career Education Division Office (805) 678-5824

## Elementary Teacher Education, Associate in Arts for Transfer

*\*Program was changed after publication of catalog. Please see addendum (p. 496) for details.*

The Associate in Arts in Elementary Teacher Education for Transfer (AA-T in Elementary Teacher Education) is designed for students who wish to earn a multiple-subject teaching credential authorizing them to teach in a self-contained classroom, typically in elementary schools in grades K-5. Students will study a broad range of subjects to prepare them for teaching including English, mathematics, science, social science, visual and performing arts, and human development. The AA-T provides a strong academic foundation in the field and preparation for upper division baccalaureate study. Upon successful completion of the program, students will be prepared to transfer to a California State University (CSU) and major in Liberal Studies or a "similar" major. Then, after completion of the bachelor's degree, students will apply to a teacher credentialing program and complete their multiple subject teaching credential.

For a current list of what majors (and what options or areas of emphasis within those majors) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) webpage and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

**To earn an AA-T in Elementary Teacher Education, students must:**

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 51 semester units in the **Elementary Teacher Education** major as listed in the Oxnard College catalog.

2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that accepts the **Elementary Teacher Education AA-T** will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		<b>42</b>
EDU R122	Introduction to Education	
ECE R102	Child Growth and Development	
BIOL R101 & R101L	General Biology and General Biology Laboratory	
or BIOL R101H	Honors: General Biology	
PHSC R170	Concepts in Physical Science	
GEOL R121	Earth Science with Laboratory	
MATH R102	Mathematics for Elementary School Teachers	
COMM R101	Introduction to Oral Communication	
ENGL R101	College Composition	
or ENGL R101H	Honors: College Composition	
ENGL R102	Critical Thinking through Composition and Literature	
or ENGL R102H	Honors: Critical Thinking through Composition and Literature	
GEOG R102	World Regional Geography	
HIST R150	World History I	
or HIST R150H	Honors: World History I	
HIST R130	History of the United States I	
or HIST R130H	Honors: History of the United States I	
POLS R101	Government of the United States I: Institutions and Politics	
<b>List A</b>		<b>3</b>
Select one course from the following:		
ENGL R128	Composition and Critical Thinking through Non-Fiction	
PHIL R111	Critical Thinking and Analytic Writing	
<b>List B</b>		<b>3</b>
Select one course from the following:		
ART R101	Introduction to Art and Visual Culture	
ART R140	Multicultural Children's Art	

MUS R103	Music Appreciation	
THTR R111	Introduction to Theatre	
<b>List C</b>		<b>0-12</b>
Optional - Select courses as appropriate for the intended transfer institutions:		
EDU R124	Teaching Literacy in Diverse Classrooms	
ENGL R125	Children's Literature	
HIST R104	History of California	
MUS R130	Understanding Music and Dance for Elementary Education	
<b>Total Required Major Units</b>		<b>51</b>
CSU GE-Breadth		39
Double-Counted Units		- 33-36
Free Electives Required		3-6
<b>Total Units Required for AA-T Degree</b>		<b>60</b>
OR		
IGETC		37
Double-Counted Units		- 28-31
Free Elective Required		0
<b>Total Units Required for AA-T Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Demonstrate an understanding of effective classroom environments consistent with the California Standards for the Teaching Profession (TPEs).
- Examine the necessary beliefs and assumptions about the experiences with teachers and teaching including an emphasis on professional standards, ethics and professionalism.
- Analyze and evaluate the purposes and roles of schooling in contemporary society and basic strategies for accommodating diverse learning needs and community contexts.
- Apply knowledge of education protocols for entering classrooms and reporting on classroom observations.

## Emergency Medical Technology

Emergency Medical Technology courses are primarily designed as basic life support training for the first responder, the fire service, emergency medical services, and health care professions. Emergency Medical Technicians (EMTs) provide out-of-hospital emergency medical care and transportation for critical and emergent patients who access the emergency medical services (EMS) system. Through this course, you will gain the essential knowledge and skills necessary to stabilize and safely transport patients ranging from non-emergency and routine medical transports to life-threatening emergencies. Most Emergency Medical Technicians function as part of a comprehensive EMS response system while under medical oversight. Other EMT roles include emergency rooms, fire departments, search and rescue, and law enforcement.

Emergency Medical Technicians are a critical link between the scene of an emergency and the health care system. Other courses in this area are intended to improve or update individuals' skills in providing emergency and primary health care services.

## Credit Courses

### EMT R069 Emergency Medical Technician - Refresher 1.5 Units

*In-Class Hours:* 26.25 lecture, 26.25 laboratory

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross). EMT Certification within the past 2 years or valid EMT License. This course is designed to meet the State requirements for maintaining EMT (Emergency Medical Technician) certification. This course provides both skills competency verification and a twenty-seven hour EMT refresher. Emergency medical care for the sick and injured will be reviewed, including basic life support and the use of emergency medical equipment.

**Catalog Notes:** This class is repeatable if legally mandated.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### EMT R109 Emergency Medical Responder 3 Units

*In-Class Hours:* 35 lecture, 52.5 laboratory

*Advisories/Rec Prep:* ENGL R097

*Materials Fee:* \$10.00

In this course students learn to assess and initiate immediate lifesaving care to critical patients. Students will obtain basic knowledge and skills necessary to provide lifesaving interventions while awaiting additional Emergency Medical Services (EMS) response and to assist higher level personnel at the scene and during transport. Emergency Medical Responders (EMR) function as part of a comprehensive EMS team under medical oversight, and perform basic interventions with minimal equipment. This course provides emergency care knowledge and skills to prepare students for Emergency Medical Technician, and in the fields of Professional and Volunteer Firefighters and Peace Officers. Upon successful completion of this course, the student will receive an American Heart Association Healthcare Provider Card. Additionally, students will be prepared to take the National EMR Exam.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E1

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**EMT R169 Emergency Medical Technician 8.5 Units**

*In-Class Hours:* 131.25 lecture, 61.25 laboratory  
*Advisories/Rec Prep:* EMT R109 or EMT R809, and ENGL R097  
*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross).

This course covers the knowledge and skills necessary for the individual to provide emergency medical care with an ambulance, fire, or other specialized services at the Basic Life Support (BLS) level. This course is approved by the Ventura County Emergency Medical Services Agency and the California State Department of Emergency Services. Upon successful completion of the skills testing, final exam, and passing the course with a grade of B or better, the student will be eligible to take the EMT National Registry Examination, which is required for certification as an EMT.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E1

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

## Noncredit Courses

**EMT R809 Emergency Medical Responder 0 Units**

*In-Class Hours:* 87.5 noncredit  
*Advisories/Rec Prep:* ENGL R097

In this course students learn to assess and initiate immediate lifesaving care to critical patients. Students will obtain basic knowledge and skills necessary to provide lifesaving interventions while awaiting additional Emergency Medical Services (EMS) response and to assist higher level personnel at the scene and during transport. Emergency Medical Responders (EMR) function as part of a comprehensive EMS team under medical oversight, and perform basic interventions with minimal equipment. This course provides emergency care knowledge and skills to prepare students for Emergency Medical Technician, and in the fields of Professional and Volunteer Firefighters and Peace Officers. Upon successful completion of this course, the student will receive an American Heart Association Healthcare Provider Card. Additionally, students will be prepared to take the National EMR Exam.

**Catalog Notes:** This is a noncredit course; Does not apply to Associate Degree.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**EMT R869 Emergency Medical Technician 0 Units**

*In-Class Hours:* 190 noncredit  
*Advisories/Rec Prep:* EMT R109 or EMT R809, and ENGL R097  
*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross).

This course covers the knowledge and skills necessary for the individual to provide emergency medical care with an ambulance, fire, or other specialized services at the Basic Life Support (BLS) level. This course is approved by the Ventura County Emergency Medical Services Agency and the California State Department of Emergency Services. Upon successful completion of the skills testing, final exam, and passing the course with a grade of B or better, the student will be eligible to take the EMT National Registry Examination, which is required for certification as an EMT.

**Catalog Notes:** This is a noncredit course; Does not apply to Associate Degree.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

- Emergency Medical Technician, Certificate of Achievement (p. 284)
- Emergency Medical Technician, Certificate of Completion (p. 284)
- Emergency Medical Responder, Proficiency Award (p. 283)
- Emergency Medical Technician Refresher, Proficiency Award (p. 283)
- Emergency Medical Technology, Proficiency Award (p. 284)

*For more information, contact:*

**Public Safety Division Office 805-678-5115**

## Emergency Medical Responder, Proficiency Award

This proficiency award is designed for students who have completed EMT R079 - Emergency Medical Responder and who desire to apply for the National Registry Exam for Emergency Medical Responder.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
EMT R109	Emergency Medical Responder	3
<b>Total Units</b>		<b>3</b>

Upon successful completion of this program, students will be able to:

- Appropriately manage patient care relating to illness and injury in the prehospital setting.

## Emergency Medical Technician Refresher, Proficiency Award

This proficiency award is to meet the criteria established by the Ventura County Emergency Medical Services Agency in accordance with the California Code of Regulations, title 22 that requires verification of hours

completed. Upon award of the verification of hours, students may apply for the National Registry Exam for Emergency Medical Technician.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
EMT R069	Emergency Medical Technician - Refresher	1.5
<b>Total Units</b>		<b>1.5</b>

Upon successful completion of this program, students will be able to:

- Appropriately manage patient care relating to illness and injury in the prehospital setting.

## Emergency Medical Technician, Certificate of Achievement

The Emergency Medical Technician (EMT) Certificate of Achievement program provides comprehensive instruction in the skills necessary for success as an EMT in the emergency services industry. This program is designed to meet the needs of current students and in-service professionals interested in career advancement and for those seeking to advance their EMT knowledge. This program is aligned with the EMT-Basic: National Standard Curriculum. This program incorporates the National Registry of Emergency Medical Technicians psychomotor exam.

Career opportunities after completion of the certificate include EMT, Emergency Room Technician, and Search and Rescue.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
EMT R109	Emergency Medical Responder	3
EMT R169	Emergency Medical Technician	8.5
<b>Total Units</b>		<b>11.5</b>

Year 1		Units/Hours
<b>Fall Semester</b>		
EMT R109	Emergency Medical Responder	3
	<b>Units/Hours</b>	<b>3</b>
<b>Spring Semester</b>		
EMT R169	Emergency Medical Technician	8.5
	<b>Units/Hours</b>	<b>8.5</b>
	<b>Total Units/Hours</b>	<b>11.5</b>

Upon successful completion of this program, students will be able to:

- Apply scientific knowledge in providing prehospital and emergency medical care
- Use effective communication and interpersonal skills with patients and other health care workers
- Operate within the roles of an entry level provider of care and contributor to the EMT profession
- Demonstrate and foster high standards of Prehospital and Emergency Medical practice in skill performance and patient advocacy
- Provide competent and safe care in a variety of settings to a group of patients with diverse needs across the life span by demonstrating knowledgeable decision making and judgment based on critical thinking, clinical competence, accountability and collaboration with the patient and health care team

- To promote the personal and professional growth, health and success of each student
- To promote the concept of lifelong learning, including the pursuit of advanced degrees and advanced practice in the health field
- To prepare graduates who are eligible to seek licensure as EMTs and that meet the expectations of the EMS Community

## Emergency Medical Technology, Proficiency Award

This proficiency award is to meet the criteria established by the Ventura County Emergency Medical Services Agency in accordance with the California Code of Regulations, Title 22 that requires verification of hours completed. Upon award of the verification of hours and passing the course with a grade of B or better, students may apply for the National Registry Exam for Emergency Medical Technician. This is not an EMT license.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
EMT R169	Emergency Medical Technician	8.5
<b>Total Units</b>		<b>8.5</b>

Upon successful completion of this program, students will be able to:

- Appropriately manage patient care relating to illness and injury in the prehospital setting.

## Emergency Medical Technician, Certificate of Completion

*\*Program was added after publication of catalog. Please see addendum (p. 496) for details.*

The Emergency Medical Technician (EMT) Certificate of Completion program provides comprehensive instruction in the skills necessary for success as an EMT in the emergency services industry. This program is designed to meet the needs of current students and in-service professionals interested in career advancement and for those seeking to advance their EMT knowledge. This program is aligned with the EMT-Basic: National Standard Curriculum. This program incorporates the National Registry of Emergency Medical Technicians psychomotor exam. Career opportunities after completion of the certificate include EMT, Emergency Room Technician, and Search and Rescue.

The program is offered in the noncredit format. Noncredit instruction provides access to a variety of courses tuition free to assist students in reaching their personal, academic and professional goals.

Course ID	Title	Units/ Hours
<b>Required Courses</b>		
EMT R809	Emergency Medical Responder	87.5
EMT R869	Emergency Medical Technician	190
<b>Total Hours</b>		<b>277.5</b>



Year 1		Units/Hours
<b>Fall Semester</b>		
EMT R809	Emergency Medical Responder	87.5
<b>Units/Hours</b>		<b>87.5</b>
<b>Spring Semester</b>		
EMT R869	Emergency Medical Technician	190
<b>Units/Hours</b>		<b>190</b>
<b>Total Units/Hours</b>		<b>277.5</b>

Upon successful completion of this program, students will be able to:

- Apply scientific knowledge in providing prehospital and emergency medical care
- Use effective communication and interpersonal skills with patients and other health care workers
- Operate within the roles of an entry level provider of care and contributor to the EMT profession
- Demonstrate and foster high standards of Prehospital and Emergency Medical practice in skill performance and patient advocacy
- Provide competent and safe care in a variety of settings to a group of patients with diverse needs across the life span by demonstrating knowledgeable decision making and judgment based on critical thinking, clinical competence, accountability and collaboration with the patient and health care team
- To promote the personal and professional growth, health and success of each student
- To promote the concept of lifelong learning, including the pursuit of advanced degrees and advanced practice in the health field
- To prepare graduates who are eligible to seek licensure as EMTs and that meet the expectations of the EMS Community

## Engineering

Engineers are significant and valuable members of our society that are relied upon to generally produce solutions through the utilization, design, and development of a plethora of technologies. With the increasingly high demand for qualified engineers in the workforce, this program allows those in the local community the opportunity to fill a vital role.

Upon completion of the Associate in Science in Engineering, students will have obtained the skills and preparation necessary to transfer into an Engineering program at a four-year university, and ultimately seek employment as an engineer. Some graduates may also pursue entry-level positions in the engineering field. Students completing the program will be knowledgeable in aspects of engineering utilized in the many different fields of engineering along with a strong foundation in mathematics and physics; structural analysis, circuitry, CAD, programming, material composition, and general systems and applications of engineering in the modern world. Through group projects and laboratory assignments, students will also develop collaboration skills as well as practical hands on skills widely used in the fields of engineering such as, but not limited to; the use of oscilloscopes, electrical motor design and production, circuit building, structural design, strength testing, and generally analyzing the pertinent physical properties of a given system.

### ENGR R101 Introduction to Engineering 2 Units

*In-Class Hours:* 17.5 lecture, 52.5 laboratory

*C-ID:* ENGR 110

This course explores the branches of engineering, the engineering profession, the interface of the engineer with society, and engineering ethics, and the engineering education process while exploring effective strategies to help students to reach their full academic potential. The course introduces the methods of engineering analysis, engineering design and problem solving. Students will analyze and present data in engineering design, and develop written, computer, oral communication, and problem solving skills.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### ENGR R130 Engineering Statics 3 Units

*In-Class Hours:* 52.5 lecture

*Prerequisites:* PHYS R131 and MATH R121

*C-ID:* ENGR 130

Engineering Statics applies the principles of mechanics to rigid bodies in two and three dimensional equilibrium systems. Analytical and graphical solutions using force vectors and equivalent force systems to solve problems pertaining to friction, centroids, center of gravity, and moments of inertia for areas is the focus of this course.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### ENGR R135 Dynamics 3 Units

*In-Class Hours:* 52.5 lecture

*Prerequisites:* ENGR R130

*C-ID:* ENGR 230

This course addresses the kinematics and dynamics of particles and rigid bodies in two and three dimensions. Topics considered include universal gravitation, conservation laws, work-energy and impulse-momentum relations, and mechanical vibration.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**ENGR R140 Materials Science and Engineering 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* PHYS R131 and CHEM R120*C-ID:* ENGR 140

An introduction to atomic bonding, crystalline structure and microstructure, and how these structures determine the physical, mechanical, electrical and thermal properties of materials. The course covers metals, ceramics, polymers, composites and semiconductors. Topics include material imperfections, diffusion, mechanical properties, phase diagrams, material selection, processing, heat treatment and strengthening mechanisms. Corrosion phenomena, electrical properties and thermal properties are also covered.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ENGR R140L Materials Science and Engineering Laboratory 1 Unit***In-Class Hours:* 52.5 laboratory*Prerequisites:* ENGR R140 or concurrent enrollment and PHYS R131 and CHEM R120*C-ID:* ENGR 140 L, ENGR 140 B

This course is the laboratory portion of Materials Science and Engineering. It consists of experimental investigations of crystalline structures, the mechanical behavior of metals and polymers, cold-working, heat-treatment, material hardness, ductile-to-brittle fracture behavior, fatigue, equilibrium phase diagrams, steel microstructure and corrosion. Computers are used to control test equipment, gather and process data, and to visualize microscopic images.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ENGR R148 Programming and Problem-Solving in MATLAB 3 Units***Same-As:* MATH R148*In-Class Hours:* 35 lecture, 52.5 laboratory*Prerequisites:* MATH R120*C-ID:* ENGR 220

This course utilizes the MATLAB environment to provide students with a working knowledge of computer-based problem-solving methods relevant to science and engineering. It introduces the fundamentals of procedural and object-oriented programming, numerical analysis, and data structures. Examples and assignments in the course are drawn from practical applications in engineering, physics, and mathematics.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ENGR R150 Engineering Graphics and Design 3 Units***In-Class Hours:* 35 lecture, 52.5 laboratory*Prerequisites:* MATH R116*C-ID:* ENGR 150

This course focuses on the principles of engineering graphics which are necessary to communicate engineering designs. The use of computer-aided drafting CAD in 2 and 3 dimensions as well as drawings produced by hand are skills of great necessity in engineering fields and will be used throughout the course. Using the principles of orthographic drawing, pictorial drawing, and descriptive geometry, students will learn how to visualize, understand, and produce coherent graphics and designs. Central topics include; orthographic projections, graphical presentation of various surfaces, auxiliary and sectional views, dimensioning, and tolerances.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ENGR R160 Electronic Circuits and Devices 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* PHYS R132 and MATH R143 or concurrent enrollment*C-ID:* ENGR 260

This course provides an introduction to the analysis of electrical circuits. The use of analytical techniques based on the application of circuit laws and network theorems is the main focus of the course. The analysis of DC and AC circuits containing resistors, capacitors, inductors, dependent sources, operational amplifiers, and/or switches shall be employed. Natural and forced responses of first and second order RLC circuits, the use of phasors, AC power calculations, power transfer, and energy concepts are other general topics that are covered in this course.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

**ENGR R160L Electronic Circuits and Devices Laboratory 1 Unit***In-Class Hours:* 52.5 laboratory*Prerequisites:* ENGR R160 or concurrent enrollment*C-ID:* ENGR 260 L

This course serves as an introduction to the construction, measurement, and design of elementary electrical circuits and basic operational amplifier circuits. Students gain familiarity with the basic use of electrical test and measurement instruments, including multimeters, oscilloscopes, power supplies, and function generators. Using principles of circuit analysis for DC, transient, and sinusoidal steady-state (AC) conditions, students develop data interpretation skills by using circuit simulation software and by direct measurements of circuits. Practical considerations such as component value tolerance and non-ideal aspects of laboratory instruments are also introduced.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

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## Engineering, Associate in Science

The Associate in Science in Engineering Program introduces students to the high demand fields of Engineering including, but not limited to Aerospace, Chemical, Civil, Electrical, Manufacturing, Mechanical, and Structural Engineering.

Engineers are significant and valuable members of our society that are relied upon to generally produce solutions through the utilization, design, and development of a plethora of technologies. With the increasingly high demand for qualified engineers in the workforce, this program allows those in the local community the opportunity to fill a vital role. Completion of the Associate in Science in Engineering will prepare students for transfer into an Engineering program at a four year university as well as entry level engineering positions for those seeking immediate employment.

Oxnard College's A.S. in Engineering is structured to allow students to complete core requirements found in the majority of Engineering majors within the UC and CSU systems while also customizing their major, through the choice of restricted electives and support courses, to align with their specific Engineering field at the particular universities to which they are applying. Completion of the A.S. degree also requires students to complete a general education pattern. Students can choose from the Oxnard College General Education pattern, CSU GE-Breadth, or IGETC, whichever best aligns with their educational goals and/or transfer destination.

Engineering majors are highly selective and impacted at most universities and students are advised to make themselves as competitive as possible when applying for admission both in GPA and course preparation. Students should consult with an Oxnard College Counselor, [assist.org](http://assist.org), university websites, and the admission office at their intended transfer destination to make sure they are adequately prepared for transfer.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		<b>30</b>
ENGR R101	Introduction to Engineering	2
MATH R120	Calculus with Analytic Geometry I	5
MATH R121	Calculus with Analytic Geometry II	5
MATH R122	Calculus with Analytic Geometry III	5
MATH R143	Differential Equations	3
PHYS R131	Physics for Scientists and Engineers 1	5
PHYS R132	Physics for Scientists and Engineers 2	5
<b>Choose a minimum of one course from the following support courses as appropriate to satisfy requirements for the intended transfer institution:</b>		
CHEM R120	General Chemistry I	5
CHEM R122	General Chemistry II	5
CHEM R130	Organic Chemistry I	5
CHEM R132	Organic Chemistry II	5
MATH R134	Linear Algebra	3
PHYS R133	Physics for Scientists and Engineers 3	5
<b>Choose a minimum of four Engineering courses as appropriate to satisfy requirements of the intended transfer institution:</b>		
ENGR R130	Engineering Statics	3
ENGR R135	Dynamics	3
ENGR R140	Materials Science and Engineering	3
ENGR R140L	Materials Science and Engineering Laboratory	1
ENGR R148	Programming and Problem-Solving in MATLAB	3
ENGR R150	Engineering Graphics and Design	3
ENGR R160	Electronic Circuits and Devices	3
ENGR R160L	Electronic Circuits and Devices Laboratory	1
<b>Total Required Major Units</b>		<b>41-47</b>
Oxnard College General Education		29
Double-Counted Units		-6
Free Electives Required		0
<b>Total Units Required for A.S. Degree</b>		<b>64-70</b>
CSU GE-Breadth		39
Health (can be taken within CSU GE)		3
PE / Kinesiology		1
Double-Counted Units		-6-9
Free Electives Required		0
<b>Total Required Units for A.S. Degree</b>		<b>75-81</b>
IGETC		37
Health		3
PE / Kinesiology		1
Double-Counted Units		-6
Free Electives Required		0
<b>Total Required Units for A.S. Degree</b>		<b>76-82</b>
<b>Year 1</b>		
<b>Fall Semester</b>		<b>Units/Hours</b>
ENGR R101	Introduction to Engineering	2
MATH R120	Calculus with Analytic Geometry I	5

CHEM R120	General Chemistry I	5
<b>Units/Hours</b>		<b>12</b>
<b>Total Units/Hours</b>		<b>12</b>

**Year 1**

<b>Spring Semester</b>		<b>Units/Hours</b>
MATH R121	Calculus with Analytic Geometry II	5
PHYS R131	Physics for Scientists and Engineers 1	5
ENGR R148	Programming and Problem-Solving in MATLAB	3
CHEM R122	General Chemistry II	5
<b>Units/Hours</b>		<b>18</b>
<b>Total Units/Hours</b>		<b>18</b>

**Year 2**

<b>Fall Semester</b>		<b>Units/Hours</b>
MATH R122	Calculus with Analytic Geometry III	5
PHYS R132	Physics for Scientists and Engineers 2	5
CHEM R130	Organic Chemistry I	5
ENGR R130	Engineering Statics	3
<b>Units/Hours</b>		<b>18</b>
<b>Total Units/Hours</b>		<b>18</b>

**Year 2**

<b>Spring Semester</b>		<b>Units/Hours</b>
MATH R143	Differential Equations	3
CHEM R132	Organic Chemistry II	5
MATH R134	Linear Algebra	3
PHYS R133	Physics for Scientists and Engineers 3	5
ENGR R135	Dynamics	3
ENGR R140 & R140L	Materials Science and Engineering and Materials Science and Engineering Laboratory	3
ENGR R150	Engineering Graphics and Design	3
ENGR R160 & R160L	Electronic Circuits and Devices and Electronic Circuits and Devices Laboratory	3
<b>Units/Hours</b>		<b>28</b>
<b>Total Units/Hours</b>		<b>28</b>

Upon successful completion of this program, students will be able to:

- Explain the principles of engineering and their application to the design and manufacturing of products.
- Critically evaluate a given system through observations, measurements, and accepted engineering analyses.
- Apply physical laws, engineering concepts and formulas to analyze engineering problems and to produce proper solutions qualitatively and quantitatively.
- Communicate engineering design ideas and solutions to problems through engineering drawings, oral presentations, and technical writing.

## English

The English program offers a wide variety of courses leading to the degree of Associate in Arts for Transfer. Students can take the full range of literature survey courses required to transfer as an English major at our local public universities including CSUCI, UCSB, CSUN, UCLA. The English program offers multiple sections of degree-applicable and transfer-level writing courses to give students the writing skills to succeed in college, to write in the workplace, and to meet university transfer requirements.

All students can enroll directly into ENGL R101, which is transfer-level.

- Classes are offered in traditional classroom formats as well as partially online or fully online formats. Some sections of ENGL R100, and ENGL R101 have additional support for students who wish for extra help in writing.

To determine which class or classes that have co-requisite support is the right class for you, see the English Informed Self- Placement as well as a counselor and use the English Placement Recommendations for help in choosing the appropriate English class. English also offers honors classes ENGL R101H and ENGL R102H.

In addition to the many literature courses offered each semester, there are regularly scheduled courses in creative writing. Literature and creative writing courses are offered both online and in the classroom. A degree in English prepares students for a variety of career opportunities in which the ability to read insightfully, think critically, and write clearly are necessary skills.

Please see the English department website (<https://www.oxnardcollege.edu/departments/academic/english/>) for more information regarding support course enrollment.

See the UC Transfer Course Agreement (p. 105) page or [www.assist.org](http://www.assist.org) (<http://www.assist.org>) for current limitations.

**NOTE:** The UC limits enrollment in some courses. See the UC Transfer Course Agreement (p. 105) page for details.

### ENGL R095 College Reading Across the Curriculum 3 Units

*Same-As:* ESL R095

*Advisories/Rec Prep:* Reading ability commensurate with high school level or ENGL R085 or ESL R085. Same as ESL R095

This course emphasizes college-level reading materials across the curriculum with training in reading for major details, main ideas, drawing inferences, and conclusions; considering the nature of evidence and knowledge; and interpreting author's tone and purpose. The course includes advanced vocabulary training, rapid reading techniques with improved comprehension. Formal evaluation is used to individualize instruction. Other activities include a mini research project with instruction in documentation and study skills practice. This course is degree applicable.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### ENGL R097 Intermediate Composition 4 Units

*Formerly:* ENGL R096

*In-Class Hours:* 70 lecture

*Prerequisites:* Placement as determined by the college's multiple measures assessment process

In this composition course, students review the principles of effective paragraphs and learn to plan, write and revise short expository themes. This course includes essay-exam taking skills and an introduction to library resources. Upon completion, students will be able to write effective short essays. Students will also be prepared for a successful transition to ENGL R101.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

**ENGL R097S Writing Support for Intermediate Composition 2 Units***In-Class Hours:* 35 lecture*Corequisites:* ENGL R097

This co-requisite course provides additional skills and support instruction for students enrolled in ENGL R097 Intermediate Composition. The course will help students hone their writing skills and concentrate on elements of sentence review and construction as well as paragraphing, essay writing, and an introduction to research.

**Grade Modes:** Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**ENGL R100 Intermediate Composition: ESL Emphasis 4 Units***In-Class Hours:* 70 lecture*Prerequisites:* Placement as determined by the college's multiple measures assessment process

This course focuses on reading and composition for students whose native language is other than English. The course is intended for students familiar with the structure and vocabulary of English and with paragraph development. The course will develop the student's ability to think critically about and organize information from reading and to write and revise expository essays. The course emphasizes basic writing processes, as well as focusing on grammar and syntax.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ENGL R100E Writing Support for Intermediate Composition: ESL Emphasis 2 Units***In-Class Hours:* 35 lecture*Corequisites:* ENGL R100

This co-requisite course provides additional skills and support instruction for students enrolled in ENGL R100 Intermediate Composition: ESL Emphasis. The course will help students hone their writing skills and concentrate on elements of sentence review and construction as well as paragraphing, essay writing, and an introduction to research.

**Grade Modes:** Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ENGL R101 College Composition 4 Units***In-Class Hours:* 70 lecture*Prerequisites:* ENGL R097 or ENGL R100 or eligibility for ENGL R101 as determined by the college's multiple measures assessment process.*C-ID:* ENGL 100

This course provides development of skills in written expression, especially expository themes, including training in research techniques and preparation of a research paper. It is designed to develop critical thinking, analytical, and rhetorical skills. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of C or "P" or better.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** A2**IGETC:** 1A**ENGL R101E College Composition Corequisite Support: ESL Emphasis 2 Units***In-Class Hours:* 35 lecture*Corequisites:* ENGL R101

This corequisite support course provides additional help and support for ESL students enrolled in ENGL R101 College Composition. The course will provide support instruction in areas of the ENGL R101 curriculum where students tend to require more attention. It will allow for more concentrated efforts on the core elements of ENGL R101 for the second language learner.

**Grade Modes:** Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ENGL R101H Honors: College Composition 4 Units***In-Class Hours:* 70 lecture*Prerequisites:* ENGL R097 or ENGL R100 or eligibility for ENGL R101 as determined by the college's multiple measures assessment process*C-ID:* ENGL 100

This course provides development of skills in written expression, especially expository themes, including training in research techniques and preparation of a research paper. It is designed to develop critical thinking, analytical, and rhetorical skills. Honors work challenges students to be more analytical and creative through expanded assignments, and enrichment opportunities. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P".

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** A2**IGETC:** 1A



**ENGL R101S College Composition Corequisite Support 2 Units***In-Class Hours:* 35 lecture*Corequisites:* ENGL R101

This co-requisite course provides additional help and support for students enrolled in ENGL R101 College Composition. The course will provide support instruction in areas of the ENGL R101 curriculum where students tend to require more attention. It will allow for more concentrated efforts on the core elements of ENGL R101.

**Grade Modes:** Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ENGL R102 Critical Thinking through Composition and Literature 4 Units***In-Class Hours:* 70 lecture*Prerequisites:* ENGL R101 or ENGL R101H*C-ID:* ENGL 110, ENGL 120

This course provides study of literature combined with instruction in critical thinking and composition. The course emphasizes understanding and writing about literature using principles of logical analysis, criticism, advocacy of ideas, and inductive and deductive reasoning. Students will examine assumptions upon which conclusions are based and recognize common logical errors of language and thought. Instruction is offered in advanced elements of style and organization. Application of critical thinking skills and logical methodology to the various literary genres will achieve a disciplined understanding of the material. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of C or "P" or better.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2, D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** A3**IGETC:** 1B**ENGL R102H Honors: Critical Thinking through Composition and Literature 4 Units***In-Class Hours:* 70 lecture*Prerequisites:* ENGL R101 or ENGL R101H*C-ID:* ENGL 110, ENGL 120

This course provides study of literature combined with instruction in critical thinking and composition. The course emphasizes understanding and writing about literature using principles of logical analysis, criticism, advocacy of ideas, and inductive and deductive reasoning. Students will examine assumptions upon which conclusions are based and recognize common logical errors of language and thought. Instruction is offered in advanced elements of style and organization. Application of critical thinking skills and logical methodology to the various literary genres will achieve a disciplined understanding of the material. Honors work challenges students to be more analytical and creative through expanded assignments, and enrichment opportunities. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of C or "P" or better.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2, D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** A3**IGETC:** 1B**ENGL R103 Creative Writing 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* ENGL R101 or ENGL R101H*C-ID:* ENGL 200

This course introduces students to two genres of creative writing: poetry and fiction. Literature from each genre is analyzed critically. Students learn techniques for producing and revising their own creative writing, and their original works are critiqued in workshop settings.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** None**ENGL R104 English Literature I 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* ENGL R101 or ENGL R101H*C-ID:* ENGL 160

This sophomore-level course surveys English literature in its cultural framework from Anglo-Saxon times through the eighteenth century.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B

**ENGL R105 English Literature II 3 Units**

*In-Class Hours:* 52.5 lecture

*Prerequisites:* ENGL R101 or ENGL R101H

*C-ID:* ENGL 165

This course surveys the literature of the British Isles from the late eighteenth century to contemporary British and post-colonial texts.

Works are studied within the political, historical, cultural, and scientific trends of the periods represented. This course complements studies in liberal education. Students cannot receive credit in both ENGL R105 and ENGL R152.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C2

**IGETC:** 3B

**ENGL R107 American Literature I 3 Units**

*In-Class Hours:* 52.5 lecture

*Prerequisites:* ENGL R101 or ENGL R101H

*C-ID:* ENGL 130

This course surveys the literatures of America from Native American oral tradition through the early 17th century to 1865, with emphasis on significant writers from diverse cultures within what is now the U.S.A.

Works are examined within the political, cultural, and intellectual trends of the periods represented. The course complements studies in history, government, and liberal education. This course is not available for credit for students with credit in ENGL R153.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C2

**IGETC:** 3B

**ENGL R108 American Literature II 3 Units**

*In-Class Hours:* 52.5 lecture

*Prerequisites:* ENGL R101 or ENGL R101H

*C-ID:* ENGL 135

This course surveys the literatures of America from 1865 to the present, with emphasis on significant writers from diverse cultures within the U.S. Works are examined within the intrinsic political, social and intellectual trends of the periods they represent. The course complements studies in humanities.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C2

**IGETC:** 3B

**ENGL R111 Shakespeare 3 Units**

*In-Class Hours:* 52.5 lecture

*Prerequisites:* ENGL R101 or ENGL R101H

This course presents an introductory survey of Shakespeare's poetry and plays, including comedies, histories, tragedies, and romances.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C2

**IGETC:** 3B

**ENGL R112 Literature by Women 3 Units**

*In-Class Hours:* 52.5 lecture

*Prerequisites:* ENGL R101 or ENGL R101H

This course is a survey of literature by women reflecting women's changing roles and identities of women in society in various cultural settings. Works studied are drawn from the genres of poetry, fiction, drama, memoirs, essays, and journals.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C2, F

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C2

**IGETC:** 3B

**ENGL R124 Introduction to LGBTIQ Literature 3 Units**

*In-Class Hours:* 52.5 lecture

*Prerequisites:* ENGL R101 or ENGL R101H

This course provides an introduction to LGBTIQ (Lesbian, Gay, Bisexual, Transgender, Intersex, and Queer or Questioning) themes and issues in world literature. The course will survey representative literature written by or about LGBTIQ people from Antiquity to the present. The course will include significant historical and cultural analysis as related to the LGBTIQ community and reflected in the LGBTIQ literature. The course will also examine how the LGBTIQ literature has impacted culture.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C2, F

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C2

**IGETC:** 3B

**ENGL R125 Children's Literature 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* ENGL R101 or ENGL R101H*C-ID:* ENGL 180

Children's Literature will provide an inquiry into children's literature for grades K-6. Students analyze works in multiple genres, including but not limited to fiction and nonfiction, poetry, picture books, and traditional literature. Focus will be on critical reading of materials as well as analysis of literary elements and structural features. Students will examine societal and cultural values communicated through children's literature.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B**ENGL R126 Introduction to Chicana/o Literature 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* ENGL R101

This course is designed as a general survey of the rich and diverse development of Chicana/o literature. The course will explore various genres including, but not limited to, poetry, short stories, novels, drama, and essays, and will engage in literary analysis of these materials. The course will pair the critical understanding of the works read within the context of the cultural, socioeconomic, and political histories that inform them.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2, F**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B**ENGL R127 Advanced Creative Writing 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* ENGL R103

This course reviews two genres of creative writing: poetry and fiction. Literature from each genre is analyzed critically, and students' original works are critiqued in workshop settings and at individual instructor conferences. At the end of the semester, students will have produced a substantial body of work in a specific genre - a few chapters of a novel, several short stories, or a chapbook of poetry.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ENGL R128 Composition and Critical Thinking through Non-Fiction 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* ENGL R101 or ENGL R101H*C-ID:* ENGL 105

This course emphasizes critical thinking in argumentation, including the principles of rhetoric and analysis of the writing process. Students will engage in close reading and evaluation of non-fiction texts and apply the elements of logic to the creation of arguments.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** A3**IGETC:** 1B**ENGL R129 Introduction to Latinx Literature 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* ENGL R101 or ENGL R101H

This course is designed as a general survey of the rich and diverse development of Latinx literature. The course will explore various genres including, but not limited to, poetry, short stories, novels, drama, and essays, and will engage in literary analysis of these materials. The course will pair the critical understanding of the works read within the context of the cultural, socioeconomic, and political histories that inform them.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2, F**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B**ENGL R134 African-American Literature 3 Units***Same-As:* ETHS R134*In-Class Hours:* 52.5 lecture*Prerequisites:* ENGL R101 or ENGL R101H

This course offers a survey of major authors, works, and genres in African-American literature from the colonial era to the present. The course will include significant historical and cultural analysis as reflected in the literature. The course will also examine how the African-American literature has impacted American culture.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2, F**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2, F**IGETC:** None

**ENGL R199 Directed Studies in English 1-3 Units**

*In-Class Hours:* 17.5-52.5 lecture

*Prerequisites:* ENGL R101 or ENGL R101H

This course offers students the opportunity to further their knowledge of English language and literature on an independent-study basis. The student and instructor will work together to design course content and/or research. Meeting times and requirements will be determined by the instructor.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

- English, Associate in Arts for Transfer (p. 293)

*For more information, contact:*

Elissa Caruth ecaruth@vcccd.edu

## English, Associate in Arts for Transfer

The Associate in Arts in English for Transfer (English AA-T) is intended for students who plan to complete a bachelor’s degree in English or a “similar” major at a CSU campus. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as “similar” to this degree at each CSU campus, please refer to CSU’s Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) webpage and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

To earn an AA-T in English, students must:

1. Complete a minimum of **60** CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of **19** semester units in the English major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of **2.0** in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of “C” or better or “P” in all courses required in the major. Even though a “pass-no-pass” is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that does accept the **English AA-T** will be required to complete no more than 60 units after transfer to

earn a bachelor’s degree (unless the major is designated as “high-unit” major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
ENGL R102	Critical Thinking through Composition and Literature	
	or ENGL R102H Honors: Critical Thinking through Composition and Literature	
<b>List A - Complete two courses from the following:</b>		<b>6</b>
ENGL R107	American Literature I	
ENGL R108	American Literature II	
ENGL R104	English Literature I	
ENGL R105	English Literature II	
<b>List B - Complete two courses from the following</b>		<b>6</b>
Any course from List A not already selected		
ENGL R103	Creative Writing	
<b>List C - Complete one of the following courses</b>		<b>3</b>
Any course from List A or List B not already selected		
ENGL R111	Shakespeare	
ENGL R112	Literature by Women	
ENGL R124	Introduction to LGBTIQ Literature	
ENGL R126	Introduction to Chicana/o Literature	
ENGL R129	Introduction to Latinx Literature	
<b>Total Required Major Units</b>		<b>19</b>
CSU GE-Breadth		39
Double-Counted Units		- 9
Free Electives Required		11
<b>Total Units Required for AA-T Degree</b>		<b>60</b>
OR		
<b>Total Required Major Units</b>		<b>19</b>
IGETC		37
Double-Counted Units		- 9
Free Electives Required		13
<b>Total Units Required for AA-T Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Write basic college-level essays, both in class and out of class, that include correct grammar, syntax, and mechanics in a variety of written expressions and rhetorical modes.
- Write well-developed college-level essays that incorporate correctly documented research that expresses and supports an original thesis.
- Analyze texts from various genres including but not limited to poetry, fiction, and drama and be able to identify major authors, historical contexts, and/or cultural trends of the periods covered.
- Identify, analyze, interpret, and/or synthesize various literary elements from works in different genres and articulate how those elements contribute to the overall effects and themes of a work or group of works.

- Depending on the courses taken, produce creative expressions in poetry, prose, drama, creative non-fiction, screenplays, and/or other developing written and/or mixed-media modalities.

## English as a Second Language

English as a Second Language courses provide students with the reading and writing skills necessary for success in academic courses across the disciplines. Credit courses start at the advanced-intermediate level (ESL R076), to advanced (ESL R086), and continue through college-level courses in reading (ESL R095) and composition (ESL R100). Reading instruction focuses on study skills, vocabulary development and comprehension as it pertains to content-area reading. Writing instruction includes sentence skills, paragraph and essay writing, and grammar review.

**AB705 & 1805:** "Instruction in English as a second language (ESL) is distinct from remediation in English. Students enrolled in ESL credit coursework are foreign language learners who require additional language training in English, require support to successfully complete degree and transfer requirements in English, or require both of the above." CCCCCO

**AB 705 Compliance:** Students who move successfully through the levels of credit ESL are able to complete transfer-level composition within the 3-year time limit set by AB 705. Initial placement will determine the number of semesters a student will need to complete transfer-level composition. Students can accelerate through the levels based on instructor and counselor recommendations.

**Multiple Measures:** Oxnard College Student Services use several measures to help students select the right courses for their skill level. These include the Reading and Writing Guided Self-Placement, ESL Placement Survey, HS Welcome Event Writing Sample, HS Transcripts, ABE/AE courses. It is recommended that students contact the Welcome Center and meet with a counselor for help with course selection.

**Note:** Oxnard College offers five noncredit courses in ESL. These courses are: ESL R800A, ESL R800B, ESL R801A, ESL R801B, ESL R805. Please see "Noncredit English as a Second Language"

## Program Student Learning Outcomes ESL

Students informed in English as a Second Language will be able to:

- Understand and use library and learning resources and support services.
- Hold a conversation about an everyday topic in English so as to understand and make themselves understood.
- Demonstrate English reading skills in identifying main ideas and supporting details.
- Write sentences using various English verb tenses of increasing complexity from the simple present and present continuous through the present perfect.

ESL Course Flow Chart (<https://www.oxnardcollege.edu/departments/academic/transitional-studies/courses-flowchart/>)

## Credit Courses

### ESL R076 Reading and Writing Fundamentals 4 Units

*Formerly:* ESL R075; ESL R077

*In-Class Hours:* 70 lecture, 17.5 laboratory

*Prerequisites:* Placement as determined by the college's multiple measures process

*Advisories/Rec Prep:* ESL R065 or ESL R802B

This course is designed to instruct the low-advanced ESL learner or the native English speaker desiring instruction in the fundamental skills of academic reading and writing. Writing topics include compound and complex sentences, verb tenses, and punctuation applied to academic writing. Reading topics include identifying main idea in paragraphs and longer passages, vocabulary development, use of context, literal and inferential comprehension, and recognizing basic patterns of organization. Study skills include note-taking, text annotating, scanning for information, study-reading techniques, and navigation of college's learning management system.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### ESL R086 Academic Reading and Composition 4 Units

*Formerly:* ESL R085; ESL R087

*In-Class Hours:* 70 lecture, 17.5 laboratory

*Prerequisites:* Placement as determined by the college's multiple measures assessment process

*Advisories/Rec Prep:* ESL R076

In this course, students develop sentence skills by writing, analyzing, and rewriting sentence exercises and paragraphs. The course includes study of paragraph structure and various patterns of development. Course also includes skills for college-level reading focusing on active reading techniques, critical reading skills, reading comprehension, study skills and vocabulary development.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None



**ESL R095 College Reading Across the Curriculum 3 Units***Same-As:* READ R095*In-Class Hours:* 52.5 lecture*Prerequisites:* Placement as determined by the college's multiple measures assessment process*Advisories/Rec Prep:* ESL R085

This course emphasizes college-level reading materials across the curriculum with training in reading for major details, main ideas, drawing inferences, and conclusions; considering the nature of evidence and knowledge; and interpreting author's tone and purpose. The course includes advanced vocabulary training, rapid reading techniques with improved comprehension. Formal evaluation is used to individualize instruction. Other activities include a mini research project with instruction in documentation and study skills practice. This course is degree applicable.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**ESL R100 College Writing Preparation for Non-Native Speakers 4 Units***In-Class Hours:* 70 lecture, 17.5 laboratory*Prerequisites:* Placement as determined by the college's multiple measures assessment process*Advisories/Rec Prep:* ESL R087

This course provides instruction and practice in critical and analytical writing with emphasis on language structure and vocabulary development for non-native speakers of English. The course focuses on critical analysis and appreciation of culturally diverse readings, an introduction to integrating readings into writing assignments, and refining the academic language fluency of non-native speakers of English. Research, synthesis, and documentation, and advanced language skills are integrated in the academic writing and culturally diverse reading content.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B**ESL R108 ESL Academic Oral Communication 3 Units***Formerly:* SPCH R108*Same-As:* COMM R100*In-Class Hours:* 52.5 lecture, 17.5 laboratory*Advisories/Rec Prep:* ESL R048 or ESL R802A

This course is designed to help advanced non-native speakers of English communicate well in academic, professional, and social settings through practice in basic principles of oral communication (with an emphasis on most effective use of voice and body). Students will engage in group discussion, public speeches, and oral reading.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

## Noncredit Courses

**ESL R800A Beginning Listening and Speaking Noncredit 0 Units***In-Class Hours:* 54 noncredit

This course focuses on speaking and listening skills designed for beginning non-native speakers of English. Activities include role playing, dialogues, pronunciation practice, and class discussions.

**Grade Modes:** Pass/No Pass Grading**Repeatable for Credit:** Unlimited.**Field Trips:** May be required**Degree Applicability:** Noncredit course; not applicable for degree credit**AA/AS GE:** None**Transfer Credit:** None**ESL R800B Beginning Reading and Writing Noncredit 0 Units***In-Class Hours:* 54 noncredit

This course provides instruction in reading and writing skills for non-native speakers of English who are at the entry-level of English language acquisition. Course content includes reading comprehension, vocabulary development, basic grammar and sentence writing.

**Grade Modes:** Pass/No Pass Grading**Repeatable for Credit:** Unlimited.**Field Trips:** May be required**Degree Applicability:** Noncredit course; not applicable for degree credit**AA/AS GE:** None**Transfer Credit:** None**ESL R801A ESL Communication Skills Noncredit 0 Units***In-Class Hours:* 54 noncredit*Advisories/Rec Prep:* ESL R800A

This course is designed for non-native speakers of English at a high-beginning to low-intermediate level. The course provides listening and speaking practice used in conversational patterns and academic settings. The course also includes grammar points, vocabulary, note-taking, and pronunciation to develop language proficiency and build academic skills. The course emphasizes developing confidence in expressing oneself in English.

**Grade Modes:** Pass/No Pass Grading**Repeatable for Credit:** Unlimited.**Field Trips:** May be required**Degree Applicability:** Noncredit course; not applicable for degree credit**AA/AS GE:** None**Transfer Credit:** None

**ESL R801B ESL Reading, Grammar and Writing Skills 0 Units***In-Class Hours:* 70 noncredit*Prerequisites:* Placement based on college's multiple measures process*Advisories/Rec Prep:* ESL R800B

This is a low-intermediate level reading and writing course for students learning English as a second language and native English speakers who need to develop basic reading and writing skills. Topics included are comprehension skills, critical thinking, vocabulary development, and study skills integrated with grammar and sentence-level writing for academic and real-life situations.

**Grade Modes:** Pass/No Pass Grading**Repeatable for Credit:** Unlimited.**Field Trips:** May be required**Degree Applicability:** Noncredit course; not applicable for degree credit**AA/AS GE:** None**Transfer Credit:** None**ESL R802A ESL Speaking and Listening Skills 0 Units***Formerly:* ESL R048*In-Class Hours:* 48 noncredit*Prerequisites:* Placement as determined by the college's multiple measures assessment process*Advisories/Rec Prep:* ESL R801A

This course is intended for high-intermediate to advanced non-native English speakers who are able to hold a conversation in English. The course helps ESL students communicate more effectively in academic, professional, and social settings, and to adequately document oral presentations. Students will also develop listening, note-taking, and speaking skills, and strategies for success in the college environment. The course provides review of grammar, vocabulary, and idiomatic expressions.

**Grade Modes:** Pass/No Pass Grading**Repeatable for Credit:** Unlimited.**Field Trips:** May be required**Degree Applicability:** Noncredit course; not applicable for degree credit**AA/AS GE:** None**Transfer Credit:** None**ESL R802B ESL Reading and Writing Skills 0 Units***Formerly:* ESL R065*In-Class Hours:* 66-70 noncredit*Prerequisites:* Placement as determined by the college's multiple measures assessment process*Advisories/Rec Prep:* ESL R801B and ESL R801C

This course provides intermediate level ESL students instruction in basic academic reading and writing skills. Topics include understanding main idea and supporting details, literal and inferential comprehension, grammar and sentence skills, vocabulary development, study skills and basic use of library resources and the college's course management system.

**Grade Modes:** Pass/No Pass Grading**Repeatable for Credit:** Unlimited.**Field Trips:** May be required**Degree Applicability:** Noncredit course; not applicable for degree credit**AA/AS GE:** None**Transfer Credit:** None**ESL R805 Language Skills for Citizenship Preparation Noncredit 0 Units***In-Class Hours:* 18 noncredit*Advisories/Rec Prep:* Intended for students interested in becoming naturalized citizens

The course is designed to help non-native speakers of English prepare for U.S. Citizenship. Students receive direct instruction in oral/aural and written literacy skills in English necessary to pass an oral and written test with an Immigration and Naturalization Service official.

**Grade Modes:** Pass/No Pass Grading**Repeatable for Credit:** Unlimited.**Field Trips:** May be required**Degree Applicability:** Noncredit course; not applicable for degree credit**AA/AS GE:** None**Transfer Credit:** None

- English as a Second Language - Level 1, Certificate of Competency Noncredit (p. 296)
- English as a Second Language - Level 2, Certificate of Competency Noncredit (p. 297)
- English as a Second Language - Level 3, Certificate of Competency Noncredit (p. 297)

*For more information, contact:***Matilde Sánchez (805) 678-5069** msanchez@vcccd.edu

## English as a Second Language - Level 1, Certificate of Competency Noncredit

The ESL Certificate of Competency-Level 1 prepares student to function in everyday situations in social, business, educational, financial, and medical settings. The focus is to prepare students to transition to credit ESL college courses.

Course ID	Title	Units/ Hours
ESL R800A	Beginning Listening and Speaking Noncredit	54
ESL R800B	Beginning Reading and Writing Noncredit	54
<b>Total Hours</b>		<b>108</b>
<b>Year 1</b>		
<b>Fall Semester</b>		<b>Units/Hours</b>
ESL R800A	Beginning Listening and Speaking Noncredit	54
		<b>Units/Hours</b>
		<b>54</b>
<b>Spring Semester</b>		
ESL R800B	Beginning Reading and Writing Noncredit	54
		<b>Units/Hours</b>
		<b>54</b>
		<b>Total Units/Hours</b>
		<b>108</b>

Upon successful completion of this program, students will be able to:

- Read with basic literal comprehension.
- Write simple sentences using basic grammar correctly.
- Participate in conversations on a variety of everyday topics.

## English as a Second Language - Level 2, Certificate of Competency Noncredit

The courses required for the ESL Certificate of Competency-Level 2 prepare students to function in everyday situations including social, business, educational, financial, and medical settings. Skills in reading, writing, listening, and speaking are taught at the advanced-beginning level and prepare students to progress in their acquisition of academic English in pursuit of a certificate or degree.

Course ID	Title	Units/ Hours
ESL R801A	ESL Communication Skills Noncredit	54
ESL R801B	ESL Reading, Grammar and Writing Skills	70
<b>Total Hours</b>		<b>124</b>
<b>Year 1</b>		
<b>Fall Semester</b>		<b>Units/Hours</b>
ESL R801A	ESL Communication Skills Noncredit	54
<b>Units/Hours</b>		<b>54</b>
<b>Spring Semester</b>		
ESL R801B	ESL Reading, Grammar and Writing Skills	70
<b>Units/Hours</b>		<b>70</b>
<b>Total Units/Hours</b>		<b>124</b>

Upon successful completion of this program, students will be able to:

- Read with basic comprehension and acquire new vocabulary from context.
- Write simple sentences using correct grammar and syntax.
- Participate in conversations on a variety of everyday topics.

## English as a Second Language - Level 3, Certificate of Competency Noncredit

The English as a Second Language Level 3 Certificate of Competency prepares student to transition to credit ESL college courses. The courses required for the certificate integrate low-intermediate reading and writing skills and listening and speaking skills that prepare students for academic work. Students will also acquire skills to help them communicate in everyday situations such as social, business, financial, and medical settings. The focus is to prepare students to transition to credit ESL college courses.

Course ID	Title	Units/ Hours
ESL R802A	ESL Speaking and Listening Skills	48
ESL R802B	ESL Reading and Writing Skills	70
<b>Total Hours</b>		<b>118</b>
<b>Year 1</b>		
<b>Fall Semester</b>		<b>Units/Hours</b>
ESL R802A	ESL Speaking and Listening Skills	48
<b>Units/Hours</b>		<b>48</b>

<b>Spring Semester</b>		
ESL R802B	ESL Reading and Writing Skills	70
<b>Units/Hours</b>		<b>70</b>
<b>Total Units/Hours</b>		<b>118</b>

Upon successful completion of this program, students will be able to:

- Read with intermediate-level comprehension and acquire new vocabulary from context.
- Write simple sentences using correct grammar and syntax.
- Participate in conversations on a variety of topics regarding employment, academics, and leisure time.

## Environmental Science

Environmental Science integrates topics from biological sciences, physical sciences, geosciences, and public policy to understand the working of the earth's ecosystems and the impact of humans within those systems. Environmental Scientists apply scientific knowledge to understand complex environmental problems that impact the quality of life and develop solutions to protect, preserve, and sustain the natural environment.

The Associate in Science in Environmental Science for Transfer degree (AS-T in Environmental Science) prepares students to transfer into the CSU system to complete a bachelor's degree in Environmental Science, Environmental Science and Resource Management, Environmental Studies, or a major deemed similar by a CSU campus. For transfer to the UC system, or other institutions outside the UC and CSU systems students may want to consider the AS in Coastal Environmental Studies instead. See a counselor and consult assist.org (<https://assist.org/>).

### ESRM R100 Introduction to Environmental Science 3 Units

*In-Class Hours:* 52.5 lecture

This course is an interdisciplinary introduction to environmental issues from a scientific perspective focusing on physical, chemical, and biological processes within the Earth system, the interactions between humans and these processes, and the role of science in finding sustainable solutions. Topics include ecological principles, biodiversity, climate change, sustainability, renewable and non-renewable energy, water resources, air and water pollution, and solid waste management.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B2

**IGETC:** 5B

**ESRM R100L Introduction to Environmental Science Laboratory 1 Unit***In-Class Hours:* 52.5 laboratory*Prerequisites:* ESRM R100 or concurrent enrollment

Explores environmental processes associated with society including energy production, waste management, and soil and water quality. The laboratory class is focused on using environmental sampling, monitoring and assessment devices, and equipment and analytical tools to detect and quantify environmental contaminants in air, water and soil, as well as to assess the overall quality of those basic environmental resources. This course emphasizes the scientific method, data collection, and the completion of a research-based oral presentation.

**Grade Modes:** Letter Graded**Field Trips:** Will be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B3**IGETC:** 5C

- Environmental Science, Associate in Science for Transfer (p. 298)

*For more information, contact:***Jim Danza (805) 678-5209** [jdanza@vcccd.edu](mailto:jdanza@vcccd.edu)

## Environmental Science, Associate in Science for Transfer

The Associate in Science in Environmental Science for Transfer degree (AS-T) prepares students to transfer into the CSU system to complete a bachelor's degree in Environmental Science, Environmental Science and Resource Management, Environmental Studies, or a major deemed similar by a CSU campus. Students earning an associate degree for transfer and meeting the CSU minimum transfer admission requirements are guaranteed admission with junior standing to the CSU system but not to a particular campus or major. Each CSU campus determines which of the degrees it offers are "similar" and can be completed with the preparation included in the AS-T in Environmental Science within 60 units once a student transfers, so which majors are "similar" varies from CSU to CSU. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) and seek guidance from an Oxnard College counselor. The AS-T in Environmental Science may not be the best option for students intending to transfer to a particular CSU campus or to a college or university that is not part of the CSU system.

For transfer to the UC system, students may want to consider the AS in Coastal Environmental Studies instead.

**To earn an AS-T in Environmental Science degree, students must:**

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 42 semester units in the Environmental Science major as listed in the Oxnard College catalog.

2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.

3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.

4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residency at the college granting the degree.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		<b>15</b>
Select one of the two options below:		
<b>Option 1</b>		
BIOL R120 & R120L	Principles of Biology I and Principles of Biology I Lab: Intro to Cellular and Molecular Biology	
BIOL R122 & R122L	Principles of Biology II and Principles of Biology II Laboratory	
CHEM R120	General Chemistry I	
<b>Option 2</b>		
BIOL R120 & R120L	Principles of Biology I and Principles of Biology I Lab: Intro to Cellular and Molecular Biology	
CHEM R120	General Chemistry I	
CHEM R122	General Chemistry II	
<b>List A</b>		<b>7-9</b>
Select Geology and the appropriate statistics and calculus course for the intended transfer institution:		
GEOL R101 & R101L	Physical Geology and Physical Geology Laboratory	
MATH R105	Introductory Statistics	
	or MATH R105H Honors: Introductory Statistics	
	or PSY R103 Beginning Statistics for Behavioral Science	
MATH R120	Calculus with Analytic Geometry I	
	or MATH R106 Business Calculus	
<b>List B</b>		<b>13</b>
Select two or three courses including the appropriate physics series for the intended transfer institution:		
ECON R201	Introduction to the Principles of Microeconomics	
	or ECON R201H Honors: Introduction to the Principles of Microeconomics	
PHYS R101 & R101L	College Physics 1 and College Physics 1 Laboratory	
& PHYS R102	and College Physics 2	
& PHYS R102L	and College Physics 2 Laboratory	
Or		
PHYS R131 & PHYS R132	Physics for Scientists and Engineers 1 and Physics for Scientists and Engineers 2	
<b>Total Required Major Units</b>		<b>39-41</b>
IGETC for STEM		31

Double-Counted Units	- 13
Free Electives Required	1-3
<b>Total Units Required for AS-T Degree</b>	<b>60</b>

Note: Students are strongly encouraged to take ESRM R100 Introduction to Environmental Science as one of their free electives. This course provides an introduction to the major and field of study and though not required for the AS-T, it is required in some Environmental Science and Environmental Studies majors at some UCs and CSUs, including, but not limited to UCSB, CSUCI, SDSU, and Cal Poly Humboldt. Students who transfer without ESRM R100 to a university that requires it will have to complete the course after transfer. This may delay students from taking some upper division courses for which ESRM R100 is a prerequisite.

Upon successful completion of this program, students will be able to:

- Use the scientific method and an understanding of ecological principles to critically analyze information on the ways human activities affect the environment.
- Analyze the inherent environmental, social, and economic outcomes of living sustainably on current and future generations.
- Demonstrate proper use of a variety of field and/or laboratory techniques used in fields of environmental studies.
- Understand and communicate complex relationships between natural and human systems.
- Demonstrate knowledge of the roles of societal and political organizations in environmental policy-making, regulation, compliance, and enforcement.

## Ethnic Studies

Ethnic studies are the critical interdisciplinary study of race and ethnicity focusing on historically aggrieved racialized groups in the United States including Chicana/o Americans, Latina/o Americans, African Americans, Asian Americans and Native Americans. Utilizing social-scientific and humanistic perspectives, we examine how racism has been and continues to be a powerful social, cultural and political force and we explore how it intersects with other aspects of identity including, gender, sexuality, legal status, class, religion, nationality, and immigration status. Our ethnic studies program is dedicated to social justice and combating racism while producing students with strong critical thinking skills that are applicable to a wide range of careers.

### ETHS R107 The Anthropology of Native Americans 3 Units

*Same-As:* ANTH R107

*In-Class Hours:* 52.5 lecture

Through ethnography, story and artifact, this course explores the anthropology of Native Americans from prehistory to the present. Utilizing an anthropological and Native American Studies perspective, we examine sociocultural issues relevant to Native Americans such as economics, language, religion, identity, politics, and cultural change. Special attention will be given to the contributions of Native Americans to the field of anthropology and to the broader culture of the United States. Emphasis will also be placed on the impact of European colonialism and on contemporary issues such as discrimination, the struggle for sovereignty, and land rights.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2, F

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D, F

**IGETC:** 4

### ETHS R110 Introduction to Social Justice Studies 3 Units

*Same-As:* SJS R110

This course introduces students to the interdisciplinary study of race and ethnicity in the United States and the world beyond. It examines social justice movements in relation to ethnic and racial groups in the United States to provide a basis for a better understanding of the socioeconomic, cultural and political conditions among Native American, African American, Asian American, and Latina and Latino American communities. Using an intersectional lens, we will explore colonialism, racism and social movements in the U.S. context.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2, F

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D

**IGETC:** 4

### ETHS R114 African American Culture and Experience 3 Units

*Same-As:* ANTH R114

*In-Class Hours:* 52.5 lecture

This course explores the richness and diversity of African American culture and experience in the Americas from the 1600's to the present. Utilizing an anthropological perspective, the course will critically explore concepts like race, identity, diaspora, discrimination, marginalization and hybridity while paying particular attention to the significant impact that African Americans have had on American culture as a whole. Topics for discussion will include the influences of Yoruba culture, slavery, the Harlem Renaissance, Pan-Africanism, civil rights, the Black Power movement, the Black Panthers, blues, jazz, poetry, sports, literature, and the culture of Hip Hop.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2, F

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D

**IGETC:** 4



**ETHS R119 Introduction to Border Studies 3 Units***Same-As:* ANTH R119, BRS R101*In-Class Hours:* 52.5 lecture

Borders and borderlands define territories and identity while simultaneously calling them into question. Utilizing an interdisciplinary perspective that includes ethnic studies, Chicana/o studies, anthropology, border studies, history, political science and other disciplines, this course explores both physical and conceptual borders and borderlands with an emphasis on first person narratives, generalizing to universal themes of change, globalization, conflict, motivation and movement across borders. Using the US/Mexico borderlands as our foundation, this course explores borders and borderlands through a range of ethnographic, narrative and theoretical works. We will analyze specific borderlands and borderland identities while considering the themes of hybridity, gender, sexuality, marginalization, economics, immigration, labor flows, travel, pollution, environmental change, media, conflict and cooperation.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2, F**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**ETHS R134 African-American Literature 3 Units***Same-As:* ENGL R134*In-Class Hours:* 52.5 lecture*Prerequisites:* ENGL R101 or ENGL R101H

This course offers a survey of major authors, works, and genres in African-American literature from the colonial era to the present. The course will include significant historical and cultural analysis as reflected in the literature. The course will also examine how the African-American literature has impacted American culture.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2, F**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2, F**IGETC:** None*For more information contact:***Liberal Studies Division Office (805) 678-5804**

# Filipino

**FILI R101 Elementary Filipino 1 4 Units***In-Class Hours:* 70 lecture

This course is an elementary level Filipino course, the national language of the Philippines, or Tagalog, the language on which Filipino is based. It aims to develop all four language skills: speaking, listening, reading, and writing at the elementary level. This course examines pronunciation, word formation, grammar, and sentence structures while providing the essential vocabulary in various situational contexts, appropriate forms of address, and cultural nuances for communication. This course will also provide basic knowledge about values, customs, and regions of the Philippines.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** None**FILI R102 Elementary Filipino 2 4 Units***In-Class Hours:* 70 lecture*Prerequisites:* FILI R101

This is the second semester course of elementary level Filipino, the national language of the Philippines, or Tagalog, the language on which Filipino is based. This course aims to teach language acquisition in a cultural context through listening, speaking, reading, and writing at the second semester elementary level. This course will examine language fundamentals (pronunciation, word formation, grammar, and sentence structures) in additional situational contexts and provide expanded knowledge about values, customs, and regions of the Philippines.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** None*For more information contact:***Liberal Studies Division Office (805) 678-5804**

# Film, Television, and Electronic Media

The Film, Television, and Electronic Media (FTVE) program offers comprehensive hands-on training in video, media and television production. Students may earn a two-year Associate in Science for Transfer Degree, an Associate in Science Degree, or a Certificate of Achievement.

The FTVE facilities provide access to professional audio and camera equipment packages for student use, as well as a multi-camera television studio, and a MAC computer lab. Private editing suites are also available for audio and video post-production access.

The course curriculum includes training in cinematography, sound production, screenwriting, digital media production, lighting, digital video editing, motion picture production, and aesthetic film and media courses.

Students are required to produce various digital video short projects throughout their study and participate in program and campus media events.

### **FTVE R100 Introduction to Electronic Media 3 Units**

*In-Class Hours:* 52.5 lecture

This course introduces the history, structure, function, economics, content and evolution of radio, television, film, the Internet, and new media, including traditional and mature formats. The social, political, regulatory, ethical and occupational impact of the electronic media are also studied. Topics covered include technological development, programming; ratings; social, legal and economic aspects of broadcasting in America; and cross-cultural, international comparisons.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2, C2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D

**IGETC:** None

### **FTVE R106 Beginning Digital Editing 3 Units**

*Formerly:* TV R106

*In-Class Hours:* 35 lecture, 52.5 laboratory

In this course, students develop and improve their digital editing skills using non-linear editing software. Students will explore film/video editing theory and apply various editing styles to video footage from multiple sources. Students will gain understanding of the impact that editing has on audience response. Critical analysis of the editing process, editing complex scenes and creating visual effects will be part of the curriculum.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### **FTVE R107 History of Film 3 Units**

*Formerly:* TV R107

*In-Class Hours:* 52.5 lecture

This course explores both U.S. and international motion pictures from 1895 to present day. Students examine historical developments and innovations in film as an art form and as a distinctive medium of communication. Screenings of important films, discussions of these films and their directors, and the critical reactions of the students are the major focus of class activities.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C1

**IGETC:** 3A

### **FTVE R110 Introduction to Media Writing 3 Units**

*Formerly:* TV R105

*In-Class Hours:* 52.5 lecture

This is an introductory course that trains students to write for film and electronic media and to prepare scripts in proper formats. Students learn to plan and develop scripts utilizing professional standards and methods.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### **FTVE R115 Introduction to Podcasting and Digital Storytelling 3 Units**

*In-Class Hours:* 35 lecture, 52.5 laboratory

This course is an introduction to all aspects of digital storytelling and podcasting. Students will produce content in the form of podcasts in formats such as talk shows, newscasts, and documentaries. Basic writing, diction, and audio editing techniques for broadcast and digital media will be covered. Ethical and legal aspects of broadcast communication and journalism are also covered. An emphasis will be placed on producing content for the public, including markup languages for submitting and hosting podcasts.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### **FTVE R120 Beginning Audio Production 3 Units**

*Formerly:* TV R110

*In-Class Hours:* 35 lecture, 52.5 laboratory

This course introduces the theoretical and practical fundamentals of audio production, technology, and terminology. This includes exercises using available equipment, an introduction to the lexicon of audio production, and an understanding of the selection and use of audio tools/software that support, radio, television, video, film, and multimedia production.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**FTVE R130 Beginning Single Camera Production 3 Units***In-Class Hours:* 35 lecture, 52.5 laboratory*C-ID:* FTVE 130

The course provides an introduction to the theory, terminology, and operation of single camera video production, including composition and editing techniques, camera operation, portable lighting, video recorder operation, audio control and basic editing. This course focuses on the aesthetics and fundamentals of scripting, producing and directing on location, postproduction, and exhibition/distribution. This course gives students skills needed for directing and editing digital video projects utilizing single camera production.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**FTVE R135 Beginning TV Studio Production 3 Units***Formerly:* TV R102*In-Class Hours:* 35 lecture, 52.5 laboratory

This course introduces theory, terminology and operation of a multi-camera television studio and control room. Topics include studio signal flow, directing, theory and operation of camera and audio equipment, switcher operation, fundamentals of lighting, graphics, video control and video recording and real-time video production. Through a series of practica, it provides hands-on instruction in pre-production, production, and post-production. Content development for live television is emphasized using a three camera studio format.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**FTVE R150 Beginning Motion Picture Production 3 Units***In-Class Hours:* 35 lecture, 52.5 laboratory*C-ID:* FTVE 150

This course provides an introduction to the theory, terminology, and process of motion picture production for film and television. Topics include basic cinematography including the operation, function and creative uses of production and post-production equipment, scriptwriting, camera operation, shot composition, lighting, sound recording and mixing, and editing.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**FTVE R155 Advanced Studio Production 3 Units***Formerly:* TV R104*In-Class Hours:* 35 lecture, 52.5 laboratory*Advisories/Rec Prep:* FTVE R135

This is an advanced course in live studio production. Students will continue to develop their production skills while creating videos in a variety of forms. Through a series of practica, students continue to refine their aesthetic vision and technical skills in pre-production, production and post-production.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**FTVE R160 Introduction to Digital Photography 3 Units***Formerly:* TV R160*Same-As:* ART R160*In-Class Hours:* 17.5 lecture, 105 laboratory

The history, theory and aesthetics of digital photography will be explored in this course. Students will learn the fundamentals of digital photography with an emphasis on processes, principles and tools of photography. Topics include the development of technical and aesthetic skills, elements of design and composition, camera technology, materials and equipment, and contemporary trends in photography.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

- Film, Television, and Electronic Media, Associate in Science for Transfer (p. 303)
- Film, Television, and Electronic Media Production, Associate in Science (p. 302)
- Film, Television, and Electronic Media Production, Certificate of Achievement (p. 303)

*For more information, contact:***Anitra N. Lawson (805) 678-5268** [alawson@vcccd.edu](mailto:alawson@vcccd.edu)

## Film, Television, and Electronic Media Production, Associate in Science

The Associate in Science degree in Film, Television, and Electronic Media Production offers students hands-on experience in camera and lighting, audio production, video editing and media content creation. The course curriculum includes training in cinematography, sound production, screenwriting, digital media production, lighting, digital video editing, motion picture production, and aesthetic film and media courses. Students are required to produce various digital video short projects throughout their study and participate in program and campus media events.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
FTVE R106	Beginning Digital Editing	3
FTVE R110	Introduction to Media Writing	3
FTVE R120	Beginning Audio Production	3
FTVE R130	Beginning Single Camera Production	3
FTVE R135	Beginning TV Studio Production	3
FTVE R150	Beginning Motion Picture Production	3
FTVE/ART R160	Introduction to Digital Photography	3
<b>Total Required Major Units</b>		<b>21</b>
Oxnard College General Education Pattern		29
Double-Counted Units		- 3
Free Electives Required		13
<b>Total Required Units for A.S. Degree</b>		<b>60</b>

To complete the Associate Degree, students must meet requirements in the major, general education, competency, units, scholarship, and residency. Refer to Earn an Associate Degree and the A.A. or A.S. Degree in Specific Majors sections of this catalog.

Upon successful completion of this program, students will be able to:

- Critically discuss artistic and technical choices using industry terminology
- Assemble creative teams to produce engaging content for film, television, and web-based media
- Effectively communicate information and stories to a target audience, applying a general knowledge of visual storytelling and specific technical skills from their area of specialization
- Demonstrate proficiency in post-production technology and techniques
- Design and execute creative ideas from script to completion
- Demonstrate critical thinking, research, and analysis skills to understand the trends, terminology, and technology to thrive in the entertainment industry and accomplish professional and personal goals
- Demonstrate basic troubleshooting skills and the ability to creatively problem-solve throughout the filmmaking process
- Demonstrate knowledge of historical, legal, and ethical issues, theories and concepts in film history and all aspects of film and media production
- Demonstrate skills and knowledge to obtain entry-level professional employment in an area of specialization

## Film, Television, and Electronic Media Production, Certificate of Achievement

The Certificate of Achievement in Film, Television, and Electronic Media Production offers students hands-on experience in camera and lighting, audio production, video editing and media content creation. The certificate is geared for those who are interested in obtaining employable skills in a short timeframe. The Certificate of Achievement may be completed in one year and serves as a professional development

opportunity. Courses may be applied towards a degree, if students wish to pursue a degree in Film, Television and Electronic Media Production.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
FTVE R106	Beginning Digital Editing	3
FTVE R120	Beginning Audio Production	3
FTVE R130	Beginning Single Camera Production	3
FTVE R135	Beginning TV Studio Production	3
FTVE R150	Beginning Motion Picture Production	3
FTVE/ART R160	Introduction to Digital Photography	3
<b>Total Units</b>		<b>18</b>

To complete the Certificate of Achievement, students must also meet requirements in scholarship and residency. Refer to Earn a Certificate of Achievement section in this catalog for specific information.

Upon successful completion of this program, students will be able to:

- Critically discuss artistic and technical choices using industry terminology
- Assemble creative teams to produce engaging content for film, television, and web-based media
- Demonstrate critical thinking, research, and analysis skills to understand the trends, terminology, and technology to thrive in the entertainment industry and accomplish professional and personal goals
- Effectively communicate information and stories to a target audience, applying a general knowledge of visual storytelling and specific technical skills from their area of specialization
- Demonstrate proficiency in post-production technology and techniques
- Demonstrate proficiency in post-production technology and techniques
- Design and execute creative ideas from script to completion
- Demonstrate skills and knowledge to obtain entry-level professional employment in an area of specialization
- Demonstrate basic troubleshooting skills and the ability to creatively problem-solve throughout the filmmaking process

## Film, Television, and Electronic Media, Associate in Science for Transfer

The Associate in Science in Film, Television, and Electronic Media for Transfer (FTVE AS-T) is intended for students who plan to complete a bachelor's degree in a Film, Television, and Electronic Media or "similar" major at a CSU campus. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) webpage and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, although not necessarily to a particular CSU campus or major.

Graduates of Oxnard College's FTVE program will have had comprehensive, hands-on training in both video and television studio production. Students are trained in the use of camera, sound, lighting, editing and other production tools, as well as screenwriting, and the historical, business and aesthetic background necessary to apply these skills in a variety of program forms for both traditional and cutting-edge media.

**To earn an AS-T in Film, Television, and Electronic Media, students must:**

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 18 semester units in the Film, Television, and Electronic Media major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 section 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that accepts the Film, Television, and Electronic Media AS-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
FTVE R100	Introduction to Electronic Media	<b>6</b>
FTVE R110	Introduction to Media Writing	
<b>List A</b>		
Select one audio and one video production course		
Area 1: Audio		
FTVE R120	Beginning Audio Production	<b>3</b>
Area 2: Video		
FTVE R130	Beginning Single Camera Production	<b>3</b>
FTVE R135	Beginning TV Studio Production	
FTVE R150	Beginning Motion Picture Production	
<b>List B - Complete one course from the following:</b>		
Any course not selected above		
FTVE R107	History of Film	<b>3</b>
<b>List C - Complete one course from the following:</b>		
Any course not selected above		
FTVE R106	Beginning Digital Editing	

FTVE R115	Introduction to Podcasting and Digital Storytelling	
FTVE R155	Advanced Studio Production	
FTVE R160	Introduction to Digital Photography	
<b>Total Required Major Units</b>		<b>18</b>
<b>CSU GE Breadth</b>		<b>39</b>
Double-Counted Units		- 3-6
Free Electives Required		6-9
<b>Total Units Required for AS-T Degree</b>		<b>60</b>
OR		
<b>IGETC</b>		<b>37</b>
Double-Counted Units		- 0-3
Free Elective Required		5-8
<b>Total Units Required for AS-T Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Effectively communicate information and stories to a target audience, applying a general knowledge of visual storytelling and specific technical skills from their area of specialization.
- Demonstrate critical thinking, research, and analysis skills to understand the trends, terminology, and technology to thrive in the entertainment industry and accomplish professional and personal goals.
- Demonstrate basic trouble shooting skills and the ability to creatively problem-solve throughout the filmmaking process.
- Demonstrate knowledge of historical, legal, and ethical issues, theories and concepts in film history and all aspects of film and media production.
- Demonstrate skills and knowledge to obtain entry-level professional employment in an area of specialization.
- Demonstrate professional-level achievement through multiple projects and a completed industry-standard demo reel or portfolio.
- Demonstrate proficiency in post-production technology and techniques.
- Exhibit sensitivity to diversity and professional responsibility in all areas of film, media and Television.
- Demonstrate writing proficiency appropriate for entry-level professional practice including compelling story and character development and effective pitching strategies.
- Assemble creative teams and work effectively to guide a crew through the pre-production, production and post-production process and the completion of film and media projects.
- Demonstrate effective use of equipment and current technologies appropriate to the entry level of professional practice including working effectively with various cameras, lenses, lighting, audio and accessories.
- Design and execute creative lighting schemes and choices that serve the story.
- Apply principles of composition and camera movement to enhance the story and articulate director's vision.

## Fire Technology

The Oxnard College Fire Technology Program educates students interested in careers in Emergency Service. This Program gives students the understanding and concepts to deal effectively with the social, economic, and technical aspects of fire and emergency response.



The Program provides state of the art education, training, resources, certification and leadership which in-turn enhances professionalism and strengthens the capability of responders while they protect California from the devastation of fire, environmental, natural, and man-made emergencies.

Graduates are prepared to enter the field of fire technology as a firefighter trained to perform such emergency duties as fire suppression, rescue, medical services, hazardous materials mitigation, and other duties as assigned. Non-emergency assignments include fire prevention, public education, training, station and equipment maintenance, and other related tasks.

The Fire Technology Department offers foundational course requirements for certificate programs, two-year degrees and transfers to four-year schools. It's Firefighter I/II Academy is Regionally Accredited, allowing cadets to complete their Firefighter I Task Book while earning a California State Fire Marshal Firefighter I Certificate, a condition of employment for many fire agencies.

Additionally, the Fire Technology Program offers a National Wildlife Coordinating Group/Cal Fire Type II Hand Crew Wildland Fire Academy, USLA (United States Lifeguard Association)/ State Fire Marshal Open Water Rescue Lifeguard Academy and a Fire Company Officer Certificate of Achievement and AS Degree.

#### **FT R071 Fire Fighter I/II - State Certification Testing 1.5 Units**

*In-Class Hours:* 8 lecture, 48 laboratory

*Enrollment Limitations:* A signed statement by the agency's Fire Chief or designee identifying the sponsored student has completed all SFT training cognitive and psychomotor requirement for Firefighter I and or II; Documented approval from State Fire Training for a Certification Retest; Documented completion of an accredited Fire Academy and applying for certification testing.

*Materials Fee:* \$225.00

This course is a 2-week course introducing the student to the Firefighter I/II Certification Skills and Written Exams. Week one of the course reviews material in Firefighter I, Structural, Hazardous Materials and Wildland and Firefighter II, Structural exam components. Structured skill practice in each of the four components is scheduled over multiple days during week one. Week two consists of the Certification exam itself. Four days of skills testing will be followed by one day of written testing. State Fire Training will validate student certifications through the Acadis portal following successful completion of the Firefighter I/II certification exams.

**Grade Modes:** Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

#### **FT R074 Professional Training and Continuing Education for Fire Service Personnel 1-8 Units**

*In-Class Hours:* 8.75-87.5 lecture, 26.25-157.5 laboratory

*Prerequisites:* FT R170 or equivalent

This in-service fire training course updates, improves, and assesses the knowledge, skills, and abilities of fire crews. This course provides current knowledge and techniques needed to maintain and improve fire service skills. Topics may include fire service administration, suppression, emergency medical services, fire prevention, wellness and fitness, rescue, leadership/management, and command and control. During the course students complete Emergency Medical Technician (EMT)-1 re-certification and wildland/urban interface training. Other topics include hazardous materials, weapons of mass destruction, Motor Vehicle Incident (MVI) Mass Casualty Incident (MCI) training, Aircraft Rescue Firefighting (ARFF), and incident command position responsibilities. This course satisfies annual mandatory continuing education requirements of local Fire Agencies, Ventura County Health Department, the California State Fire Marshals Office, and appropriate sections of the California Code of Regulations.

**Catalog Notes:** This class is repeatable if legally mandated.

**Grade Modes:** Pass/No Pass Grading, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

#### **FT R090 USLA Lifeguard Academy I 3 Units**

*In-Class Hours:* 35 lecture, 52.5 laboratory

*Enrollment Limitations:* Valid CPR Card (BLS) Health Care Provider, and Title 22 First Aid or EMT R109 (Emergency Medical Responder) or EMT R169 (Emergency Medical Technician) or equivalent, and Swim Test Completion 500 yards within 12 minutes.

The Oxnard College Lifeguard Academy is a 90 hour foundational course for aspiring emergency medical responders interested in career opportunities as Open Water Rescuers; either within lifeguard agencies or the fire service. This rigorous academy includes lecture and hands on training in the ocean environment and follows the United States Lifesaving Association required course curriculum for Aquatic Rescue Response Teams, Open Water Lifeguard Certification, and meets the State Fire Marshal requirements for Open Water Rescuer-Basic. The course will include training in marine weather, aquatic hazards, communications, lifesaving rescue techniques, specialized equipment use, medical aid, lifesaving history and aquatic agency career paths. Successful completion of this course requires that students be athletically fit with strong swimming skills and maintain an 80% passing grade for all academic and manipulative tests per State Fire Training.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E1

**Transfer Credit:** None

**FT R151 Fire Protection Organizations 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* FIRE 100 X

This course provides an overview of fire protection and emergency services; career opportunities in fire protection and related fields; culture and history of emergency services; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics; life safety initiatives.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**FT R152 Fire Prevention Technology 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* FT R151 or concurrent enrollment*C-ID:* FIRE 110 X

This course provides fundamental information regarding the history and philosophy of fire prevention and the organization and operation of a fire prevention bureau. Students will examine the use of codes, the identification and correction of fire hazards, the components of detection and suppression systems, and the relationship of fire prevention with fire safety education.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**FT R154 Fire Behavior and Principles of Combustion 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* FT R151 or concurrent enrollment*C-ID:* FIRE 140 X

This course covers the theory of how fires start, spread, and are controlled; the fundamentals of fire behavior in an open and closed environment; an in-depth study of fire chemistry and physics; burn characteristics of materials; and techniques for controlling fires through the use of a variety of proven and newly developed extinguishing agents.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**FT R155 Fire Protection Equipment and Systems 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* FT R151 or concurrent enrollment*C-ID:* FIRE 120 X

This course provides information relating the features of design and operation of fire detection, fire suppression and fire alarm systems, including heat and smoke control systems, special protection and sprinkler systems, water supply for fire protection and portable fire extinguishers.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**FT R157 Wildland Fire Control 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* FT R151 or Concurrent Enrollment

This course is designed to provide the employed Firefighter or Fire Technology major with a fundamental knowledge of the factors affecting wildland fire behavior, fire prevention, and fire suppression techniques.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**FT R158 Principles of Fire and Emergency Services; Safety and Survival 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* FT R151 or concurrent enrollment*C-ID:* FIRE 150 X

This course introduces the basic principles and history related to the national firefighter life safety initiatives focusing on the need for cultural and behavior change throughout the emergency services.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

**FT R160 Fire Tactics and Strategies 3 Units**

*In-Class Hours:* 52.5 lecture

*Prerequisites:* FT R151 or Concurrent Enrollment

*C-ID:* FIRE 160 X

This course introduces the student to the principles of fire control through utilization of fire fighters, equipment, and extinguishing agents on the fire ground and in the fire simulator room.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**FT R161 Building Construction for Fire Protection 3 Units**

*In-Class Hours:* 52.5 lecture

*Prerequisites:* FT R151 or concurrent enrollment

*C-ID:* FIRE 130 X

This course covers the fundamentals of building construction as they relate to fire protection. It focuses on classification by occupancy and types of construction, with emphasis on fire protection features, including building equipment, facilities, fire resistive materials and high-rise considerations. The elements of construction and design of structures are shown to be key factors when inspecting buildings, preplanning fire operations and operating at emergencies.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**FT R167 Fire Equipment and Apparatus 3 Units**

*In-Class Hours:* 52.5 lecture

*Prerequisites:* FT R151 or concurrent enrollment

This course will introduce the student to concepts related to fire service hand tools, fuel powered equipment, electric powered equipment and hydraulic powered equipment. Maintenance, safety and uses of this equipment will be covered in detail. Identification and typing of pumping apparatus and aerial ladder apparatus will be presented.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**FT R170 Fire Fighter I/II Academy 20 Units**

*Formerly:* FT R070

*In-Class Hours:* 192.50 lecture, 490 laboratory

*Prerequisites:* EMT R169 and FT R151 and FT R154 and FT R158 and FT R160 and FT R167

*Corequisites:* FT R173

*Advisories/Rec Prep:* FT R161

*Enrollment Limitations:* Admission to the Fire Academy .

*Materials Fee:* \$675.00

The Oxnard College Regional Fire Academy (OCRFA) provides the skills and knowledge needed for the entry level firefighter, career or volunteer, to perform duties safely, effectively, and competently. The seven overarching themes of the California State Fire Fighter I/II curriculum are: General knowledge germane to the profession, fire department communications, fire-ground operations, rescue operations, preparedness and maintenance, wild land suppression activities, and hazardous materials and weapons of mass destruction (WMD). Approved by the California State Board of Fire Services and California State Fire Marshal's Office. This academy fulfills all educational and training requirements for Fire Fighter I/II. All exams require an 80% passing grade for all academic and manipulative tests per State Fire Marshal requirements. Students are expected to obtain all required uniforms and safety equipment. State certification costs are the responsibility of the student. Please note that this is a physically demanding course.

**Catalog Notes:** The Oxnard College Regional Fire Academy, OCRFA, is an Accredited Regional Training Program, ARTP, as identified by California State Fire Training; The Academy was officially re-accredited in January 2020, with the Firefighter 2013 curriculum serving as the primary source of instructional material; The Fire Academy offers 20 units and beginning Fall 2020 will meet for 490 hours over 67 instructional periods, 0700-1700; FT R170 units are degree applicable; Strenuous physical fitness is a daily activity; To apply to the Fire Academy please visit the Oxnard College Fire Academy webpage.

**Grade Modes:** Letter Graded

**Field Trips:** Will be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**FT R173 Fire Service Physical Fitness 2.5 Units***In-Class Hours:* 26.25 lecture, 52.5 laboratory*Corequisites:* FT R170

This course explores the physical demands of the fire service and provides those enrolled in the Fire Fighter Academy with the correct training practices to meet those physical demands. This class is designed to teach a variety of body flexibility, strengthening, cardiovascular operations and overall health and wellness. Included will be muscle toning, muscle endurance, body alignment, balance, conditioning and nutrition planning. This class will include some level of anatomical, physiological, nutrition and mental health instruction. Demonstration of the body's muscle and joint functions so the student may develop the ability to learn, explore, and enhance their body strength, flexibility, balance, core stability, muscular/breathing endurance and body systems assisting in the execution of life and fire safety operation. The fitness class process will consist of lecture, warm-up through stretching, the intense engagement of the physical combination between muscle and cardiovascular use and a body cool-down. The objective is to improve flexibility, strength, cardio using the body and other equipment to facilitate objectives. This class will utilize various types of equipment in conjunction with the body being the main source equipment through movement. Equipment used may include body balls, jump ropes, cardio machines, free weights and the physical fitness equipment as needed, including emphasis on fire equipment, tools, situations and exercises in the fitness process.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E2**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**FT R180 Wildland Fire Academy 10 Units***In-Class Hours:* 122.5 lecture, 157.5 laboratory*Prerequisites:* FT R151 and EMT R109 or EMT R169*Enrollment Limitations:* No acrylic or long nails in clinical settings.

Physical examination demonstrating general good health.

This course provides the entry level student with the fire behavior knowledge and firefighting skills relevant to basic incident command, wildland firefighting positions, basic crew configurations, firefighter safety in wildland environments, tool, equipment and fundamental water handling, and wildland suppression strategy and tactics. Portable pumps and chainsaws are studied at length, as well as basic tools for land navigation. Leadership values and principles, transition challenges for new leaders, situational leadership, team building and ethical decision making is integrated throughout the course. Students are expected to obtain all required uniforms and safety equipment. State certification costs are the responsibility of the student. This course meets the California State Fire Training (SFT) and the National Wildfire Coordinating Group (NWCG) requirements.

**Catalog Notes:** Students who have completed an EMT or Paramedic course at another college and have a current certification or license will need to be cleared by the FT R180 Primary Instructor to register in order to waive the EMT R109 or EMT R169 prerequisites.

**Grade Modes:** Letter Graded**Field Trips:** Will be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**FT R200 Human Resource Management for Company Officers - 2A 2 Units***In-Class Hours:* 40 lecture*Enrollment Limitations:* Fire Fighter II educational requirements or four (4) years as a career fire fighter or six (6) years as a volunteer fire fighter.*Materials Fee:* \$140.00*C-ID:* FIRE 200 X

This course aligns with Company Officer 2A of the Company Officer Program. This course provides information on the use of human resources to accomplish assignments, evaluating member performance, supervising personnel, and integrating health and safety plans, policies, and procedures into daily activities as well as the emergency scene.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

**FT R210 General Administrative Functions for Company Officers -2B 1 Unit***In-Class Hours:* 20 lecture*Enrollment Limitations:* Fire Fighter II educational requirements or four (4) years as a career fire fighter or six (6) years as a volunteer fire fighter.*Materials Fee:* \$140.00*C-ID:* FIRE 210 X

This course aligns with Company Officer 2B of the Company Officer Program. It provides information on general administrative functions and the implementation of department policies and procedures and addresses conveying the fire department's role, image, and mission to the public.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**FT R220 Fire Inspections and Investigations for Company Officers - 2C 2 Units***In-Class Hours:* 40 lecture*Enrollment Limitations:* Fire Fighter II educational requirements or four (4) years as a career fire fighter or six (6) years as a volunteer fire fighter.*Materials Fee:* \$140.00*C-ID:* FIRE 220 X

This course aligns with Company Officer 2C of the Company Officer Program. It provides an overview of the information necessary to conduct inspections, identify hazards and address violations. Students will learn how to perform a fire investigation to determine preliminary cause and to secure the incident scene and preserve evidence.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**FT R230 All Risk Command Operations for Company Officers - 2D 2 Units***In-Class Hours:* 40 lecture*Prerequisites:* FT R231 and FT R232*Enrollment Limitations:* Meets the educational requirements of Fire Fighter II or four (4) years as a career fire fighter, or six (6) years as a volunteer fire fighter.*Materials Fee:* \$140.00*C-ID:* FIRE 230 X

This course is designed for the working firefighter. It provides information on conducting incident size-up; developing and implementing an initial plan of action involving single and multi-unit operations for various types of emergency incidents. Students will learn to mitigate the situation following agency safety procedures; conducting pre-incident planning; and developing and conducting a post-incident analysis. One of a series of courses required for Company Officer certification by California State Fire Training.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**FT R231 ICS 200: Basic Incident Command System for Initial Response 1 Unit***In-Class Hours:* 17.5 lecture*Enrollment Limitations:* IS-100.c Incident Command System (ICS), An Introduction, (certificate) .*Materials Fee:* \$75.00*C-ID:* FIRE 231 X

This course reviews the Incident Command System (ICS), provides the context for ICS within initial response, and supports higher level ICS training. This course provides training on, and resources for, personnel who are likely to assume a supervisory position within ICS. The intended audience(s) are response personnel at the supervisory level who are involved with emergency planning, response, or recovery efforts. This includes fire, law enforcement, and emergency medical personnel as well as a large variety of disciplines including the U.S. Food and Drug Administration (FDA), federal workers, health care workers, higher education, law enforcement, public works, and schools.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None



**FT R232 Hazardous Materials Incident Commander 2 Units***In-Class Hours:* 40 lecture*Prerequisites:* FT R231*Enrollment Limitations:* Completed a certified Hazardous Materials First Responder Operational course; and I-100 (Basic Incident Command System) or equivalent as determined by the Fire Technology Program Chair, or Instructor of Record, or Division Dean.*Materials Fee:* \$183.57*C-ID:* FIRE 232 X

This course is designed for the working firefighter, and provides participants with the capability to assume the role of Incident Commander, as defined in the Occupational Safety and Health Act Hazardous Waste Operations (OSHA HAZWOPR) regulation, during an emergency response to an actual or potential hazardous materials release.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**FT R240 Wildland Incident Operations for Company Officers - 2E 2 Units***In-Class Hours:* 40 lecture*Prerequisites:* FT R230 and FT R241*Enrollment Limitations:* Meets the educational requirements of Fire Fighter II or four (4) years as a career fire fighter, or six (6) years as a volunteer fire fighter. .*Materials Fee:* \$140.00*C-ID:* FIRE 240 X

Designed for the working firefighter, this course provides information on evaluating and reporting incident conditions, analyzing incident needs, developing and implementing a plan of action to deploy incident resources completing all operations to suppress a wildland fire, establishing an incident command post, creating an incident action plan, and completing incident records and reports. This Company Officer course is one of a series required for Company Officer certification by California State Fire Training.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**FT R241 S-290: Intermediate Wildland Fire Behavior 2 Units***In-Class Hours:* 40 lecture*Enrollment Limitations:* S-190, Introduction to Wildland Fire Behavior.*C-ID:* FIRE 241 X

This course aligns with S-290 Intermediate Fire Behavior of the National Wildfire Coordinating Group (NWCG). This course provides professional development related to the topic of wildland fire behavior. It also provides instruction in the identification and prediction of wildland fire behavior in various fuel types and under varying weather conditions. This is a classroom-based skills course designed to prepare the prospective fire line supervisor to undertake safe and effective fire management operations. This course prepares municipal, county, state, and federal fire personnel to meet certification standards set forth by the National Inter-agency Incident Management System.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**FT R250 Instructional Methodology 2 Units***In-Class Hours:* 40 lecture*Enrollment Limitations:* Meets the educational requirements of Fire Fighter II or four (4) years as a career fire fighter, or six (6) years as a volunteer fire fighter.*Materials Fee:* \$140.00

Designed for working firefighters, this course provides the skills and knowledge needed for the entry level professional instructor to perform his or her duties safely, effectively, and competently. The curriculum is based on the 2012 edition of NFPA 1041 Standard for Fire Service Instructor Professional Qualifications. At the end of this course, candidates for Instructor I certification are able to teach and deliver instruction from a prepared lesson plan utilizing instructional aids and evaluation instruments. The Instructor I is also able to adapt a lesson plan and complete the reporting requirements to the local jurisdiction. Course is one of a series required for Company Officer Certification by California State Fire Training.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

**FT R251 Ethical Leadership for Instructors 0.5 Units**

*In-Class Hours:* 8.75 lecture

*Materials Fee:* \$75.00

*C-ID:* FIRE 251 X

This course provides the knowledge and skills needed to identify the value of ethical behavior in instructional settings, describe how ethical norms influence individual ethics, identify a personal ethical perspective and core values and how they impact communication and ethical decision making, and make an ethical decision using an ethical decision-making model, in order to assist in making ethical decisions when faced with an ethical dilemma in an instructional setting and carry out the roles and responsibilities of an SFT instructor in an ethical manner.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

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- Fire Technology, Associate in Science (p. 313)
  
- Fire Company Officer, Certificate of Achievement (p. 312)
- Fire Fighter I/II Academy, Certificate of Achievement (p. 312)
- Fire Technology, Certificate of Achievement (p. 314)
  
- Wildland Fire Academy, Proficiency Award (p. 314)

*For more information, contact:*

**Public Safety Division Office 805-678-5115**

## Fire Company Officer, Associate in Science

The Fire Company Officer Associate in Science degree program provides comprehensive instruction in the skills necessary for success as a Company Officer/first line supervisor in the Fire Service industry. This program is designed to meet the needs of in-service professionals interested in pursuing a supervisory position where an Associate degree is required in order to take the Captain's promotional exam as well as those seeking to advance their knowledge in this area. The major courses in this program are aligned with California Fire Marshal Company Officer model curriculum and all courses within the program are aligned with C-ID. Career opportunities after completion of the program include Fire Captain or Lieutenant.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
FT R200	Human Resource Management for Company Officers - 2A	2
FT R210	General Administrative Functions for Company Officers -2B	1
FT R220	Fire Inspections and Investigations for Company Officers - 2C	2
FT R230	All Risk Command Operations for Company Officers - 2D	2

FT R231	ICS 200: Basic Incident Command System for Initial Response	1
FT R232	Hazardous Materials Incident Commander	2
FT R240	Wildland Incident Operations for Company Officers - 2E	2
FT R241	S-290: Intermediate Wildland Fire Behavior	2
FT R250	Instructional Methodology	2
FT R251	Ethical Leadership for Instructors	.5
FT R160	Fire Tactics and Strategies	3
<b>Total Required Major Units</b>		<b>19.5</b>
<b>Oxnard College General Education</b>		<b>29</b>
Double-Counted Units		0
Free Electives Required		11.5
<b>Total Units Required for A.S. Degree</b>		<b>60</b>
OR		
<b>CSU GE-Breadth</b>		<b>39</b>
Health		3
Kinesiology Activity		1
Double-Counted Units		- 3
Free Electives Required		0.5
<b>Total required units for A.S. Degree</b>		<b>60</b>

**General Education requirements:** Students will be allowed to choose the general education pattern that best aligns with their educational goals from those offered by Oxnard College including the Oxnard College General Education pattern or CSU GE-Breadth.

Year 1		
Fall Semester		Units/Hours
FT R200	Human Resource Management for Company Officers - 2A	2
FT R210	General Administrative Functions for Company Officers -2B	1
FT R220	Fire Inspections and Investigations for Company Officers - 2C	2
FT R230	All Risk Command Operations for Company Officers - 2D	2
FT R231	ICS 200: Basic Incident Command System for Initial Response	1
<b>Units/Hours</b>		<b>8</b>
Spring Semester		
FT R232	Hazardous Materials Incident Commander	2
FT R240	Wildland Incident Operations for Company Officers - 2E	2
FT R241	S-290: Intermediate Wildland Fire Behavior	2
FT R250	Instructional Methodology	2
FT R251	Ethical Leadership for Instructors	0.5
FT R160	Fire Tactics and Strategies	3
<b>Units/Hours</b>		<b>11.5</b>
<b>Total Units/Hours</b>		<b>19.5</b>

Upon successful completion of this program, students will be able to:

- Identify different levels in the Fire Company Officer Certification Track.
- Describe the "Task Book" process.
- Describe the State certification examination process.
- Identify the duties of a Company Officer.
- Describe, apply and follow human resource policies and procedures.
- Identify step for creating a professional development plan.

- Describe verbal communications used at emergencies.
- Articulate the duties of a Wildland Fire Officer.
- Describe state and federal laws that pertain to the role of company officer.
- Describe the proper use of a record-management system.
- Identify procedures for conducting a fire prevention inspection.
- Identify construction and suppression features that contribute to spread of fire.
- Describe importance of evidence preservation.
- Describe basic fire cause and origin determination.
- Develop an initial plan of action to control emergencies.
- Describe standard operating procedures for emergencies.
- Determine tactical priorities for emergency incidents.
- Implement a plan of action for an emergency.
- Evaluate wildland fire weather, fuels and topographic information.
- Establish a clearly identified incident command post.

## Fire Company Officer, Certificate of Achievement

The Fire Company Officer Certificate of Achievement provides comprehensive instruction in the skills necessary for success as a Company Officer/first line supervisor in the Fire Service industry. This program is designed to meet the needs of in-service professionals interested in promoting to a supervisory position and for those seeking to advance their knowledge in this area. This program is aligned with California Fire Marshal Company Officer model curriculum and all courses within the program are aligned with C-ID. Career opportunities after completion of the certificate include Fire Captain or Lieutenant.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
FT R200	Human Resource Management for Company Officers - 2A	2
FT R210	General Administrative Functions for Company Officers -2B	1
FT R220	Fire Inspections and Investigations for Company Officers - 2C	2
FT R230	All Risk Command Operations for Company Officers - 2D	2
FT R231	ICS 200: Basic Incident Command System for Initial Response	1
FT R232	Hazardous Materials Incident Commander	2
FT R240	Wildland Incident Operations for Company Officers - 2E	2
FT R241	S-290: Intermediate Wildland Fire Behavior	2
FT R250	Instructional Methodology	2
FT R251	Ethical Leadership for Instructors	.5
FT R160	Fire Tactics and Strategies	3
<b>Total Required Units for Certificate</b>		<b>19.5</b>

### Year 1

Fall Semester		Units/Hours
FT R200	Human Resource Management for Company Officers - 2A	2

FT R210	General Administrative Functions for Company Officers -2B	1
FT R220	Fire Inspections and Investigations for Company Officers - 2C	2
FT R230	All Risk Command Operations for Company Officers - 2D	2
FT R231	ICS 200: Basic Incident Command System for Initial Response	1
<b>Units/Hours</b>		<b>8</b>
<b>Spring Semester</b>		
FT R232	Hazardous Materials Incident Commander	2
FT R240	Wildland Incident Operations for Company Officers - 2E	2
FT R241	S-290: Intermediate Wildland Fire Behavior	2
FT R250	Instructional Methodology	2
FT R251	Ethical Leadership for Instructors	0.5
FT R160	Fire Tactics and Strategies	3
<b>Units/Hours</b>		<b>11.5</b>
<b>Total Units/Hours</b>		<b>19.5</b>

Upon successful completion of this program, students will be able to:

- Identify different levels in the Fire Company Officer Certification Track.
- Describe the "Task Book" process.
- Describe the State certification examination process.
- Identify the duties of a Company Officer.
- Describe, apply and follow human resource policies and procedures.
- Identify step for creating a professional development plan.
- Describe verbal communications used at emergencies.
- Articulate the duties of a Wildland Fire Officer.
- Describe state and federal laws that pertain to the role of company officer.
- Describe the proper use of a record-management system.
- Identify procedures for conducting a fire prevention inspection.
- Identify construction and suppression features that contribute to spread of fire.
- Describe importance of evidence preservation.
- Describe basic fire cause and origin determination.
- Develop an initial plan of action to control emergencies.
- Describe standard operating procedures for emergencies.
- Determine tactical priorities for emergency incidents.
- Implement a plan of action for an emergency.
- Evaluate wildland fire weather, fuels and topographic information.
- Establish a clearly identified incident command post.

## Fire Fighter I/II Academy, Certificate of Achievement

This Certificate of Achievement includes the Oxnard College Regional Fire Academy (OCRFA) – FT R170, and two prerequisite courses, EMT R169 – Emergency Medical Technician and FT R151 – Fire Protection Organizations. The OCRFA provides the skills and knowledge needed for the entry-level Fire Fighter, career or volunteer, to perform duties safely, effectively, and competently. The seven overarching themes of the California State Fire Fighter I/II curriculum are: general knowledge germane to the profession, fire department communications, fireground operations, rescue operations, preparedness and maintenance, wildland suppression activities, and hazardous materials/WMD. All exams require an 80% passing grade for all academic and manipulative tests per

State Fire Marshal requirements. Students are expected to obtain all required uniforms and safety equipment. State certification costs are the responsibility of the student. Field trips are required.

Admission to the OCRFA is open to all eligible students and very competitive. Explanations regarding this process can be accessed from the "Apply to the Academy" link found on the Oxnard College Fire Academy home page. Prerequisites to apply consist of a valid NREMT or California EMT Certification, currently enrolled or completed of FT R151 - Fire Protection Organizations, FT R154 - Fire Behavior and Combustion, FT R158 - Firefighter Safety and Survival, FT R160 - Fire Strategy and Tactics, FT R167 - Fire Apparatus and Equipment, Medical Clearance, and Lung Function (Spirometry) Test. Academy applications are comprehensive and will only be accepted if complete.

Course ID	Title	Units/Hours
<b>Required Courses</b>		
EMT R169	Emergency Medical Technician	8.5
FT R151	Fire Protection Organizations	3
FT R173	Fire Service Physical Fitness	2.5
FT R170	Fire Fighter I/II Academy	20
<b>Total Units</b>		<b>34</b>

To complete the Certificate of Achievement, students must also meet requirements in scholarship and residency. Refer to Earn a Certificate of Achievement section in this catalog for specific information.

Year 1		
Fall Semester		Units/Hours
EMT R169	Emergency Medical Technician	8.5
FT R151	Fire Protection Organizations	3
<b>Units/Hours</b>		<b>11.5</b>
Spring Semester		
FT R170	Fire Fighter I/II Academy	20
FT R173	Fire Service Physical Fitness	2.5
<b>Units/Hours</b>		<b>22.5</b>
<b>Total Units/Hours</b>		<b>34</b>

Upon successful completion of this program, students will be able to:

- Define and identify the organization structure, culture, and expectations of entry level firefighting personnel.
- Demonstrate the ability to communicate effectively through a variety of methods.
- Demonstrate the knowledge and use of firefighting equipment specific to the given task.
- Demonstrate their knowledge of tactics and strategies and incident command through the selection and implementation of firefighting methods.
- Recognize and assess fire fighter hazards inherent to the profession.
- Appropriately manage patient care relating to illness and injury in the prehospital setting.
- Identify the roles and responsibilities of the fire service.
- Recognize the characteristics of fire behavior.

## Fire Technology, Associate in Science

The Fire Technology program prepares students to enter the field of fire technology as a firefighter. Firefighters are required to carry out

emergency duties such as fire suppression, rescue, first aid, medical services, hazardous materials mitigation, and other duties as assigned. Non-emergency duties include fire prevention, public education, training, station and equipment maintenance, and other related tasks.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
FT R151	Fire Protection Organizations	
EMT R169	Emergency Medical Technician	
FT R152	Fire Prevention Technology	
FT R154	Fire Behavior and Principles of Combustion	
FT R158	Principles of Fire and Emergency Services; Safety and Survival	
FT R167	Fire Equipment and Apparatus	
FT R161	Building Construction for Fire Protection	
FT R155	Fire Protection Equipment and Systems	
FT R160	Fire Tactics and Strategies	
		<b>32.5</b>

<b>Required Additional Courses</b>		<b>3-22.5</b>
Complete a minimum of one of the following:		
FT R157	Wildland Fire Control	
FT R180	Wildland Fire Academy	
FT R170 & FT R173	Fire Fighter I/II Academy and Fire Service Physical Fitness	
FT R090	USLA Lifeguard Academy I	
<b>Total Required Major Units</b>		<b>35.5-55</b>

<b>Oxnard College General Education</b>	<b>29</b>
Double-Counted Units	- 3-4
Free Electives Required	0
<b>Total Units Required for A.S. Degree</b>	<b>61.5 - 81</b>

<b>OR</b>	
<b>CSU GE-Breadth</b>	<b>39</b>
Health	3
Kinesiology Activity	1
Double-Counted Units	- 3-4
Free Electives Required	0
<b>Total Units Required for the A.S. Degree</b>	<b>75.5 - 94</b>

To complete the Associate Degree, students must meet requirements in the major, general education, competency, units, scholarship, and residency. Refer to Earn an Associate Degree and the A.A. or A.S. Degree in Specific Majors sections of this catalog.

Year 1		
Fall Semester		Units/Hours
FT R151	Fire Protection Organizations	3
EMT R169	Emergency Medical Technician	8.5
FT R152	Fire Prevention Technology	3
<b>Units/Hours</b>		<b>14.5</b>
Spring Semester		
FT R154	Fire Behavior and Principles of Combustion	3
FT R158	Principles of Fire and Emergency Services; Safety and Survival	3
FT R161	Building Construction for Fire Protection	3

FT R167	Fire Equipment and Apparatus	3
<b>Units/Hours</b>		<b>12</b>
<b>Total Units/Hours</b>		<b>26.5</b>

Upon successful completion of this program, students will be able to:

- Appropriately manage patient care relating to illness and injury, in the pre-hospital setting.
- Compare various types of fire protection systems and explain each system's role in the fire service.
- Identify apparatus, equipment and tools essential for successful fire department operations.
- Identify the roles and responsibilities of the fire service.
- Describe the importance of fire prevention and how it relates to the community, public education and the fire service.
- Recognize factors on the fire ground that jeopardize the safety of fire fighters.
- Relate the building construction type to its anticipated fire behavior in emergency situations.
- Recognize the characteristics of fire behavior and relate how the external influences of weather and chemicals affect it.

## Fire Technology, Certificate of Achievement

The Fire Technology program prepares students to enter the field of fire technology as a firefighter. Firefighters are required to carry out emergency duties such as fire suppression, rescue, first aid, medical services, hazardous materials mitigation, and other duties as assigned. Non-emergency duties include fire prevention, public education, training, station and equipment maintenance, and other related tasks.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		<b>32.5</b>
FT R151	Fire Protection Organizations	
EMT R169	Emergency Medical Technician	
FT R152	Fire Prevention Technology	
FT R154	Fire Behavior and Principles of Combustion	
FT R158	Principles of Fire and Emergency Services; Safety and Survival	
FT R167	Fire Equipment and Apparatus	
FT R161	Building Construction for Fire Protection	
FT R155	Fire Protection Equipment and Systems	
FT R160	Fire Tactics and Strategies	
<b>Required Additional Courses</b>		<b>3-22.5</b>
Complete a minimum of one of the following:		
FT R157	Wildland Fire Control	
FT R180	Wildland Fire Academy	
FT R170 & FT R173	Fire Fighter I/II Academy and Fire Service Physical Fitness	
FT R090	USLA Lifeguard Academy I	
<b>Total Units</b>		<b>35.5-55</b>

To complete the Certificate of Achievement, students must also meet requirements in scholarship and residency. Refer to Education Pathways

- Earn a Certificate of Achievement section in this catalog for specific information.

Year 1		Units/Hours
<b>Fall Semester</b>		
FT R151	Fire Protection Organizations	3
FT R152	Fire Prevention Technology	3
EMT R169	Emergency Medical Technician	8.5
<b>Units/Hours</b>		<b>14.5</b>
<b>Spring Semester</b>		
FT R154	Fire Behavior and Principles of Combustion	3
FT R158	Principles of Fire and Emergency Services; Safety and Survival	3
FT R167	Fire Equipment and Apparatus	3
FT R161	Building Construction for Fire Protection	3
<b>Units/Hours</b>		<b>12</b>
<b>Year 2</b>		
<b>Fall Semester</b>		
FT R155	Fire Protection Equipment and Systems	3
FT R160	Fire Tactics and Strategies	3
<b>Units/Hours</b>		<b>6</b>
<b>Spring Semester</b>		
FT R170 & FT R173	Fire Fighter I/II Academy or Wildland Fire Control or USLA Lifeguard Academy I or Wildland Fire Academy	3-22.5
or FT R157		
or FT R090		
or FT R180		
<b>Units/Hours</b>		<b>3-22.5</b>
<b>Total Units/Hours</b>		<b>35.5-55</b>

Upon successful completion of this program, students will be able to:

- Appropriately manage patient care relating to illness and injury, in the pre-hospital setting.
- Compare various types of fire protection systems and explain each system's role in the fire service.
- Identify apparatus, equipment and tools essential for successful fire department operations.
- Identify the roles and responsibilities of the fire service.
- Describe the importance of fire prevention and how it relates to the community, public education and the fire service.
- Recognize factors on the fire ground that jeopardize the safety of fire fighters.
- Relate the building construction type to its anticipated fire behavior in emergency situations.
- Recognize the characteristics of fire behavior and relate how the external influences of weather and chemicals affect it.

## Wildland Fire Academy, Proficiency Award

This course provides the entry level student with the fire behavior knowledge and firefighting skills relevant to basic incident command, wildland firefighting positions, basic crew configurations, firefighter safety in wildland environments, tool, equipment and fundamental water handling and fire suppression and tactics.



Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
FT R180	Wildland Fire Academy	7.5
<b>Total Units</b>		<b>7.5</b>

For more information, see Earn a Proficiency Award. (p. 59)

Upon successful completion of this program, students will be able to:

- Define and identify the organizational structure, culture, and expectations of entry level firefighting personnel.
- Demonstrate the knowledge and use of firefighting equipment specific to the given task.
- Recognize and assess firefighter hazards inherent to the profession.

## General Education Options

- CSU GE-Breadth, Certificate of Achievement (p. 315)
- Intersegmental General Education Transfer Curriculum (IGETC) for STEM (p. 321)
- Intersegmental General Education Transfer Curriculum (IGETC), Certificate of Achievement (p. 325)
- Oxnard College General Education (OC GE) (p. 330)

## CSU GE-Breadth, Certificate of Achievement

The Certificate of Achievement in CSU GE-Breadth recognizes completion of the California State University (CSU) lower-division general education requirements. CSU GE-Breadth is a series of courses that California community college students can complete to satisfy most freshman/sophomore level general education requirements in preparation for transfer. Separate from CSU GE-Breadth certification, the Certificate of Achievement is state-approved award that is given by the college, documented on a student's transcript, and qualifies a student to participate in the annual graduation ceremony.

Completion and certification of CSU GE-Breadth will permit a student to transfer from a California Community College to a California State University (CSU generally without the need, after transfer, to take additional lower-division, general education courses to satisfy campus general education requirements.

To earn the Certificate of Achievement in CSU GE-Breadth, students must:

- Complete a minimum of 39 semester units in CSU GE-Breadth Areas A-F as specified. Each course must be a minimum of 3 semester units.
- Complete all courses with a grade of "C" or better or "P." A "C" grade is defined as a minimum of 2.0 on a 4.0 scale. A "C-" grade valued at less than 2.0 grade points on a 4.0 scale cannot be used for the Certificate of Achievement, though it can be used towards CSU GE-Breadth certification.
- Achieve a cumulative grade point average of no less than 2.0 in all college coursework applicable to the Certificate of Achievement.

## CSU GE-Breadth 2022-2023 Area A: English Language Communication and Critical Thinking

Complete one course from each group (A1, A2, A3). A total of 9 semester units (12-15 qtr. Units) are required. All courses in Area A must be completed with a grade of "C" or better.

### A1 - Oral Communication

Course ID	Title	Units/ Hours
COMM R101	Introduction to Oral Communication	3
COMM R107	Argumentation and Debate	3
COMM R110	Small Group Communication	3
COMM R111	Interpersonal Communication	3

### A2 - Written Communication

Course ID	Title	Units/ Hours
ENGL R101	College Composition	4
or ENGL R101H	Honors: College Composition	

### A3 - Critical Thinking

Course ID	Title	Units/ Hours
COMM R107	Argumentation and Debate	3
ENGL R102	Critical Thinking through Composition and Literature	4
or ENGL R102H	Honors: Critical Thinking through Composition and Literature	
ENGL R128	Composition and Critical Thinking through Non-Fiction	3
PHIL R100	Critical Thinking	3
PHIL R107	Introduction to Logic	3
PHIL R111	Critical Thinking and Analytic Writing	3
PHIL R112	Symbolic Logic	3
READ R105	Critical Reading	3

## Area B: Scientific Inquiry and Quantitative Reasoning

Complete a minimum of 9 semester units (12-15 qtr. Units) with at least one course from each group (B1, B2, B3, B4) to include one laboratory activity course corresponding to selected lecture course. Math requires a grade of "C" or better.

### B1 - Physical Science

Course ID	Title	Units/ Hours
AST R101	Introduction to Astronomy	3
CHEM R104	General, Organic, and Biological Chemistry	5
CHEM R110	Elementary Chemistry	5
CHEM R112	Elementary Organic and Biological Chemistry	5
CHEM R120	General Chemistry I	5
CHEM R122	General Chemistry II	5

CHEM R130	Organic Chemistry I	5
CHEM R132	Organic Chemistry II	5
GEOG R101	Elements of Physical Geography	3
GEOG R103	Introduction to Weather and Climate	3
GEOL R101	Physical Geology	3
GEOL R103	Introduction to Oceanography	3
GEOL R114	Historical Geology	3
GEOL R121	Earth Science with Laboratory	4
GEOL R130	Environmental Geology	3
MST R103	Introduction to Oceanography	3
PHSC R170	Concepts in Physical Science	4
PHYS R101	College Physics 1	4
PHYS R102	College Physics 2	4
PHYS R121	Physics with Calculus 1	5
PHYS R122	Physics with Calculus 2	5
PHYS R131	Physics for Scientists and Engineers 1	5
PHYS R132	Physics for Scientists and Engineers 2	5
PHYS R133	Physics for Scientists and Engineers 3	5
CHEM R112	Elementary Organic and Biological Chemistry	5
CHEM R120	General Chemistry I	5
CHEM R122	General Chemistry II	5
CHEM R130	Organic Chemistry I	5
CHEM R132	Organic Chemistry II	5
ESRM R100L	Introduction to Environmental Science Laboratory	1
GEOG R101L	Physical Geography Laboratory	1
GEOL R101L	Physical Geology Laboratory	1
GEOL R103L	Introduction to Oceanography Laboratory	1
GEOL R114L	Historical Geology Laboratory	1
GEOL R121	Earth Science with Laboratory	4
MICR R100L	Principles of Microbiology Laboratory	2
MST R100L	Marine Biology Laboratory	1
MST R103L	Introduction to Oceanography Laboratory	1
PHSC R170	Concepts in Physical Science	4
PHYS R101L	College Physics 1 Laboratory	1
PHYS R102L	College Physics 2 Laboratory	1
PHYS R121	Physics with Calculus 1	5
PHYS R122	Physics with Calculus 2	5
PHYS R131	Physics for Scientists and Engineers 1	5
PHYS R132	Physics for Scientists and Engineers 2	5
PHYS R133	Physics for Scientists and Engineers 3	5
PHSO R101	Human Physiology	5

## B2 - Life Science

Course ID	Title	Units/ Hours
ANAT R101	General Human Anatomy	4
ANTH R101	Introduction to Biological Anthropology	3
or ANTH R101H	Honors: Introduction to Biological Anthropology	
ANTH R118	Introduction to Forensic Science	3
BIOL R100	Marine Biology	3
BIOL R101	General Biology	3
or BIOL R101H	Honors: General Biology	
BIOL R120	Principles of Biology I	4
BIOL R122	Principles of Biology II	4
BIOL R155	Principles of Botany	3
ESRM R100	Introduction to Environmental Science	3
MICR R100	Principles of Microbiology	3
MST R100	Marine Biology	3
PHSO R101	Human Physiology	5
PSY R105	Introduction to Physiological Psychology	3

## B3 - Laboratory Activity

(must correspond with lecture course)

Course ID	Title	Units/ Hours
ANAT R101	General Human Anatomy	4
ANTH R101L	Introduction to Biological Anthropology Lab	1
AST R101L	Astronomy Laboratory	1
BIOL R100L	Marine Biology Laboratory	1
BIOL R101L	General Biology Laboratory	1
BIOL R120L	Principles of Biology I Lab: Intro to Cellular and Molecular Biology	1
BIOL R122L	Principles of Biology II Laboratory	1
BIOL R155L	Principles of Botany Laboratory	1
CHEM R104	General, Organic, and Biological Chemistry	5
CHEM R110	Elementary Chemistry	5

## B4 - Mathematics/Quantitative Reasoning

(requires a grade of C or better)

Course ID	Title	Units/ Hours
MATH R101	Mathematics for the Liberal Arts Major	3
MATH R102	Mathematics for Elementary School Teachers	4
MATH R105	Introductory Statistics	4
or MATH R105H	Honors: Introductory Statistics	
MATH R106	Business Calculus	4
MATH R115	College Algebra	4
MATH R116	College Trigonometry	3
MATH R117	Precalculus and Trigonometry	6
MATH R120	Calculus with Analytic Geometry I	5
MATH R121	Calculus with Analytic Geometry II	5
MATH R122	Calculus with Analytic Geometry III	5
MATH R134	Linear Algebra	3
MATH R143	Differential Equations	3
PSY R103	Beginning Statistics for Behavioral Science	3
SOC R125	Statistics for the Behavioral and Social Sciences	3

## Area C: Arts and Humanities

Choose 9 units (12-15 qtr. units) with at least one course from area C1, one course from C2, and the third course from either C1 or C2.

**C1 - Arts (Art, Cinema, Dance, Music, Theater)**

Course ID	Title	Units/ Hours
ART R101	Introduction to Art and Visual Culture	3
ART R102	Western Art I: Prehistory through the Middle Ages	3
ART R102H	Honors: Western Art I: Prehistory through the Middle Ages	3
ART R103	Western Art II: Renaissance to Contemporary	3
ART R103H	Honors: Western Art II: Renaissance to Contemporary	3
ART R140	Multicultural Children's Art	3
ART R171	Modern Art	3
ART R172	Art of the Ancient Americas	3
ART R172H	Honors: Art of the Ancient Americas	3
ART R174	Latin American Art	3
ART R174H	Honors: Latin American Art	3
DANC R100	Dance Appreciation	3
FTVE R107	History of Film	3
MUS R101	Fundamentals of Music	3
MUS R103	Music Appreciation	3
MUS R106	College Choir	1
MUS R109	Music of Latin America	3
MUS R116	History of Rock Music	3
MUS R130	Understanding Music and Dance for Elementary Education	3
SPAN R234	Latin American and Spanish Film	3
THTR R111	Introduction to Theatre	3

**C2 - Humanities (Literature, Philosophy, Languages other than English)**

Course ID	Title	Units/ Hours
ANTH R110	People of the World: The Cultures of Globalization and Change	3
ANTH R113	Ancient Civilizations of the Americas	3
ANTH R116	Science, Technology, and Human Values	3
ART R108A	Beginning Oil Painting	3
ART R172	Art of the Ancient Americas	3
ART R172H	Honors: Art of the Ancient Americas	3
ART R174	Latin American Art	3
ART R174H	Honors: Latin American Art	3
ASL R101	American Sign Language 1	4
ASL R102	American Sign Language 2	4
ASL R103	American Sign Language 3	4
ASL R104	American Sign Language 4	4
ASL R110	Introduction to Deaf Studies	3
ENGL R103	Creative Writing	3
ENGL R104	English Literature I	3
ENGL R105	English Literature II	3
ENGL R107	American Literature I	3
ENGL R108	American Literature II	3

ENGL R111	Shakespeare	3
ENGL R112	Literature by Women	3
ENGL R124	Introduction to LGBTIQ Literature	3
ENGL R125	Children's Literature	3
ENGL R126	Introduction to Chicana/o Literature	3
ENGL R129	Introduction to Latinx Literature	3
ENGL R134	African-American Literature	3
ETHS R134	African-American Literature	3
FILI R101	Elementary Filipino 1	4
FILI R102	Elementary Filipino 2	4
HIST R108	African-American History	3
HIST R109	History of Mexico	3
HIST R110	History of the Middle East	3
HIST R150	World History I	3
or HIST R150H	Honors: World History I	
HIST R160	World History II	3
or HIST R160H	Honors: World History II	
IDS R102	Science, Technology, and Human Values	3
MUS R109	Music of Latin America	3
PHIL R101	Introduction to Philosophy	3
or PHIL R101H	Honors: Introduction to Philosophy	
PHIL R102	Introduction to Ethics	3
or PHIL R102H	Honors: Introduction to Ethics	
PHIL R103	Survey of World Religions: East	3
PHIL R104	Survey of World Religions: West	3
PHIL R105	History of Ancient and Medieval Philosophy	3
PHIL R106	History of Modern Philosophy	3
PHIL R108	World Mythology	3
PHIL R110	Philosophy of Religion	3
PHIL R114	Social Philosophy	3
PHIL R115	Comparative World Religions	3
or PHIL R115H	Honors: Comparative World Religions	
PHIL R116	Contemporary Moral Issues	3
SOC R114	Social Philosophy	3
SPAN R100	Elementary Spanish I	4
SPAN R110	Elementary Spanish II	4
SPAN R200	Intermediate Spanish I	4
SPAN R210	Intermediate Spanish II	4
SPAN R220	Spanish for Heritage Speakers I	4
or SPAN R220H	Honors: Spanish for Heritage Speakers I	
SPAN R230	Spanish for Heritage Speakers II	4
or SPAN R230H	Honors: Spanish for Heritage Speakers II	
SPAN R232	Latin American Literature	3
or SPAN R232H	Honors: Latin American Literature	
SPAN R236	Cultures of Latin America	3
or SPAN R232H	Honors: Latin American Literature	

**Area D: Social Sciences**

Complete 6 semester units (9 qtr. units). Courses can be from the same or different disciplines.

Note: Students who started Oxnard College (or any CCC or CSU) **prior to Fall 2021** and have maintained continuous enrollment, need to complete

9 semester units (12 qtr. units) for CSU GE Certification. Courses must be taken from more than one discipline.

## D - Social Sciences

Course ID	Title	Units/ Hours
ADS R131	Abnormal Psychology	3
ANTH R102	Introduction to Cultural Anthropology	3
or ANTH R102H	Honors: Introduction to Cultural Anthropology	
ANTH R103	Introduction to Archaeology	3
ANTH R105	Sex, Gender and Culture	3
ANTH R106	Psychological Anthropology	3
ANTH R107	The Anthropology of Native Americans	3
ANTH R110	People of the World: The Cultures of Globalization and Change	3
ANTH R111	Magic, Witchcraft and Religion: Anthropology of Belief	3
or ANTH R111H	Honors: Magic, Witchcraft and Religion: Anthropology of Belief	
ANTH R113	Ancient Civilizations of the Americas	3
ANTH R114	African American Culture and Experience	3
ANTH R115	Introduction to Language and Culture	3
ANTH R116	Science, Technology, and Human Values	3
ANTH R118	Introduction to Forensic Science	3
ANTH R119	Introduction to Border Studies	3
ASL R110	Introduction to Deaf Studies	3
BRS R101	Introduction to Border Studies	3
CHST R101	Introduction to Chicana/o Studies	3
CHST R102	Chicana/o Cultural Identity	3
CHST R107	History of Mexicans in the United States *	3
CHST R108	Sociology of the Chicano Community	3
COMM R102	Introduction to Communication Studies	3
COMM R111	Interpersonal Communication	3
COMM R113	Intercultural Communication	3
ECE R102	Child Growth and Development	3
ECE R106	Child, Family and Community	3
ECE R107	Teaching in a Diverse Society	3
ECON R100	Introduction to Economics and Contemporary Economics Issues	3
ECON R201	Introduction to the Principles of Microeconomics	3
or ECON R201H	Honors: Introduction to the Principles of Microeconomics	
ECON R202	Introduction to the Principles of Macroeconomics	3
or ECON R202H	Honors: Introduction to the Principles of Macroeconomics	
EDU R124	Teaching Literacy in Diverse Classrooms	3
ETHS R107	The Anthropology of Native Americans	3
ETHS R110	Introduction to Social Justice Studies	3
ETHS R114	African American Culture and Experience	3
ETHS R119	Introduction to Border Studies	3
FTVE R100	Introduction to Electronic Media	3
GEOG R102	World Regional Geography	3
GEOG R104	Geography of California	3
GEOG R105	Introduction to Human Geography	3
GLST R101	Introduction to Global Studies	3
GLST R102	Global Issues and Problems	3
HED R103	Women's Health	3
HED R113	Introduction to Public Health	3
HIST R104	History of California	3
HIST R107	History of Mexicans in the United States *	3
HIST R108	African-American History *	3
HIST R109	History of Mexico	3
HIST R110	History of the Middle East	3
HIST R117	History of American Women *	3
HIST R124	Sports in American History	3
HIST R125	U.S. Foreign Policy and Covert Action	3
or HIST R125H	Honors: U.S. Foreign Policy and Covert Action	
HIST R126	History of Latin America	3
HIST R130	History of the United States I *	3
or HIST R130H	Honors: History of the United States I	
HIST R140	History of the United States II *	3
or HIST R140H	Honors: History of the United States II	
HIST R150	World History I	3
or HIST R150H	Honors: World History I	
HIST R160	World History II	3
or HIST R160H	Honors: World History II	
IDS R102	Science, Technology, and Human Values	3
POLS R100	Introduction to Politics *	3
POLS R101	Government of the United States I: Institutions and Politics *	3
POLS R102	Introduction to Law and Society *	3
POLS R104	Introduction to International Relations	3
POLS R108	Comparative Politics	3
POLS R120	Political Theory	3
POLS R125	U.S. Foreign Policy and Covert Action	3
or POLS R125H	Honors: U.S. Foreign Policy and Covert Action	
PSY R101	General Psychology	3
or PSY R101H	Honors: General Psychology	
PSY R101H	Honors: General Psychology	3
PSY R104	Research Methods in Psychology	3
PSY R107	Sex Roles	3
PSY R108	Developmental Psychology	3
PSY R110	Human Sexuality	3
PSY R122	Psychology of Gender	3
PSY R131	Abnormal Psychology	3
SJS R110	Introduction to Social Justice Studies	3
SJS R120	Introduction to Women's Studies	3
SJS R130	Introduction to LGBTQ Studies	3
SOC R101	Introduction to Sociology	3
or SOC R101H	Honors: Introduction to Sociology	
SOC R102	Social Problems	3
SOC R103	Race and Ethnic Relations	3
SOC R104	Sex Roles	3
SOC R106	Contemporary Family in American Society	3

SOC R108	Sociology of the Chicano Community	3
SOC R111	Introduction to Social Research	3
SOC R116	Crime and Society	3
SOC R119	Introduction to Social Work and Human Services	3
SOC R140	Sociology of Gender	3
URBS R101	Introduction to Urban Studies	3

## Area E: Life Long Learning & Self-Development

Complete 3 semester units (4-5 qtr. units) with no more than 1 unit of physical activity.

### E - Life Long Learning & Self-Development

Course ID	Title	Units/ Hours
DANC R102A	Modern Dance I	2
DANC R102B	Modern Dance II	2
DANC R104A	Modern Jazz I	2
DANC R104B	Modern Jazz II	2
DANC R110A	Mexican Folklorico Dance I	2
DANC R110B	Mexican Folklorico Dance II	2
DANC R112A	Introduction to Hip-Hop Dance	1
DANC R112B	Beginning Hip-Hop Dance	1
ECE R102	Child Growth and Development	3
ECE R129	Child Nutrition, Health and Safety	3
EMT R109	Emergency Medical Responder	3
HED R101	Health and Society	3
HED R102	Fitness/Nutrition/Mental Wellness	3
HED R103	Women's Health	3
HED R104	Personal Health and Wellness	3
HED R105	CPR, AED, First Aid, and Personal Safety	3
HED R113	Introduction to Public Health	3
HED R114	Introduction to Nutrition Science	3
ICA R110	Intercollegiate Cross-Country-Men	3
ICA R120	Intercollegiate Soccer-Men	3
ICA R122	Conditioning for Men's Soccer	0.5-2
ICA R130A	Intercollegiate Basketball-Men/Fall	3
ICA R132	Conditioning for Men's Basketball	0.5-2
ICA R140	Intercollegiate Baseball-Men	3
ICA R142	Conditioning for Men's Baseball	0.5-2
ICA R160	Intercollegiate Cross Country-Women	3
ICA R162	Conditioning for Cross Country	0.5-2
ICA R170	Intercollegiate Soccer-Women	3
ICA R172	Conditioning for Women's Soccer	0.5-2
ICA R180	Intercollegiate Softball-Women	3
ICA R182	Conditioning for Women's Softball	0.5-2
ICA R190A	Intercollegiate Basketball-Women/Fall	3
ICA R192	Conditioning for Women's Basketball	0.5-2
KIN R100	Introduction to Kinesiology	3
KIN R120A	Kickboxing for Fitness I	1
KIN R120B	Kickboxing for Fitness II	1
KIN R121A	Boxing for Fitness I	1

KIN R121B	Boxing for Fitness II	1
KIN R122	Self-Defense	2
KIN R123	Escrima/Filipino Martial Arts	1
KIN R124	Jujitsu	1
KIN R140	Walking for Fitness	1
KIN R141	Running for Fitness	1
KIN R142A	Yoga I	1
KIN R142B	Yoga II	1
KIN R143	Pilates Mat	1
KIN R144	Core Stability and Stretch	1
KIN R145A	Body Conditioning Boot Camp I	1
KIN R145B	Body Conditioning Boot Camp II	1
KIN R146A	Weight Training and Conditioning I	1
KIN R146B	Weight Training and Conditioning II	1
KIN R147A	Women's Conditioning I	2
KIN R147B	Women's Conditioning II	2
KIN R148	Power Lifting and Free Weights	1
KIN R162A	Soccer I	1
KIN R162B	Soccer II	1
KIN R163A	Basketball I	1
KIN R163B	Basketball II	1
KIN R164A	Baseball I	1
KIN R164B	Baseball II	1
KIN R165A	Volleyball I	1
KIN R165B	Volleyball II	1
MUS R107A	Class Piano I	2
PG R101	Career Development and Life Planning	3
PG R102	College Success	3
PSY R101	General Psychology	3
PSY R101H	Honors: General Psychology	3
PSY R102	Interpersonal Relations	3
PSY R107	Sex Roles	3
PSY R108	Developmental Psychology	3
PSY R110	Human Sexuality	3
PSY R115	Introduction to Public Mental Health	3
PSY R122	Psychology of Gender	3
SOC R104	Sex Roles	3
SOC R106	Contemporary Family in American Society	3

## Area F: Ethnic Studies

Students who started Oxnard College (or any CCC or CSU) Fall 2021 or after are required to complete 3 semester (4 qtr) units in area F for CSU GE Certification.

\*Students who started Oxnard College (or any CCC or CSU) prior to Fall 2021 & have maintained continuous enrollment are not required to complete area F for CSU GE Certification.

Note: Students who will graduate from a CSU in 2024-2025 (or thereafter) will need an Ethnic Studies course, which may be taken prior to transfer.



## F - Ethnic Studies

Course ID	Title	Units/ Hours
ETHS/ANTH R107	The Anthropology of Native Americans	3
ETHS/ENGL R134	African-American Literature	3

## CSU Graduation Requirement in U.S. History, Constitution & American Ideals

One course from Group 1 and One course from Group 2

### Group 1

#### US-1 (Historical Development of American Institutions and Ideals)

Course ID	Title	Units/ Hours
CHST/HIST R107	History of Mexicans in the United States *	3
HIST R108	African-American History *	3
HIST R117	History of American Women *	3
HIST R130	History of the United States I *	3
or HIST R130H	Honors: History of the United States I	
HIST R140	History of the United States II *	3
or HIST R140H	Honors: History of the United States II	

### Group 2

#### US-2 (U.S. Constitution and Government)

Course ID	Title	Units/ Hours
POLS R100	Introduction to Politics *	3
POLS R101	Government of the United States I: Institutions and Politics *	3
POLS R102	Introduction to Law and Society *	3

\* Courses may be double counted in Area D. All POLS courses listed in Group 2 also meet US3 – California State and Local Government.

### Note:

Certification is not automatic. Students must request certification after completion of the CSU GE-Breadth. Students completing CSU GE-Breadth Certification with a grade of "C" or better or "P" in every course may also apply for a Certificate of Achievement in CSU GE-Breadth. See your counselor. Courses on the CSU GE-Breadth are subject to change. Always check [www.assist.org](http://www.assist.org) to verify the latest CSU GE approvals before taking a course to meet CSU GE-Breadth.

Upon successful completion of this program, students will be able to:

- A1: Identify the form, content, context, and effectiveness of communication
- A1: Analyze communication from the rhetorical perspective, practicing reasoning, advocacy, organization, and accuracy
- A1: Demonstrate proficiency in oral communication
- A2: Write expository essays at the college level
- A2: Demonstrate proficiency in the discovery, critical evaluation, and reporting of information, as well as reading, writing, and listening effectively.
- A3: Explain the relationship of language to logic
- A3: Reason inductively and deductively
- A3: Distinguish fact from judgement or opinion

- A3: Recognize formal and informal fallacies of language and thought
- A3: Analyze, criticize, and advocate ideas through writing
- A3: Reach well-supported factual or judgmental conclusions
- B1, B2, B3: Describe the scientific method
- B1, B2, B3: Describe the relationship of scientific advancements and capability with human values, ethics, and social goals.
- B1, B2, B3: Explain basic scientific concepts of the physical and biological aspects of the world
- B1, B2, B3: Evaluate science as a human endeavor including its limitations and power.
- B4: Demonstrate the ability to reason quantitatively
- B4: Explain and apply mathematical or quantitative reasoning concepts to solve problems
- B4: Perform computational calculations
- B4: Interpret and communicate quantitative information and mathematical and statistical concepts using language appropriate to the context and intended audience
- B4: Make sense of problems, develop strategies to find solutions, and persevere in solving them
- B4: Reason, model, draw conclusions, and make decisions with quantitative information about problems arising in everyday life, society, and the workplace
- B4: Construct, critique, and evaluate quantitative arguments that utilize mathematical, statistical, and quantitative information
- B4: Use appropriate tools strategically
- C1, C2: Cultivate intellect, imagination, sensibility and sensitivity.
- C1, C2: Respond subjectively as well as objectively to aesthetic experiences
- C1, C2: Explain historical significance of major civilizations and cultures, both Western and non-Western, through the study of philosophy, language, literature, and the fine arts.
- C1, C2: Describe the contributions to knowledge, civilization, and society that have been made by men and women as well as members of various ethnic or cultural groups.
- C1, C2: Analyze and appreciate works of philosophical, historical, literary, and cultural importance.
- C1, C2: In their intellectual and subjective considerations, develop a better understanding of the interrelationship between the self and the creative arts and of the humanities in a variety of cultures.
- D: Develop an understanding of problems and issues from the respective disciplinary perspectives
- D: Examine issues in their contemporary as well as historical settings and in a variety of cultural contexts.
- D: Explore the principles, methodologies, value systems and ethics employed in social scientific inquiry.
- D: Understand the perspectives and research methods of the social and behavioral sciences
- D: Examine the problems and issues in the social and behavioral sciences in their contemporary, historical, and geographical settings
- D: Analyze the contributions and perspectives of men, women, and members of ethnic and other minorities
- D: Compare perspectives on both Western and non-Western societies
- D: Describe the cultural and social organizations in which they exist as well as the behavior and social organizations of other human societies.

- E: Be equipped for lifelong understanding and development of themselves as integrated physiological, social, and psychological beings.
- E: Employ strategies for academic success
- E: Analyze the relationship between an individual and broader society
- E: Describe the human body as an integrated organism with systemic functions such as movement, nutrition, growth, reproduction, and aging.
- E: Explain mental processes that create consciousness, behavior, emotions, and intelligence.
- F: Analyze and articulate concepts such as race and racism, racialization, ethnicity, equity, ethno-centrism, eurocentrism, white supremacy, self-determination, liberation, decolonization, sovereignty, imperialism, settler colonialism, and anti-racism as analyzed in any one or more of the following: Native American Studies, African American Studies, Asian American Studies, and Latina and Latino American Studies.
- F: Apply theory and knowledge produced by Native American, African American, Asian American, and/or Latina and Latino American communities to describe the critical events, histories, cultures, intellectual traditions, contributions, lived-experiences and social struggles of those groups with a particular emphasis on agency and group-affirmation.
- F: Critically analyze the intersection of race and racism as they relate to class, gender, sexuality, religion, spirituality, national origin, immigration status, ability, tribal citizenship, sovereignty, language, and/or age in Native American, African American, Asian American, and/or Latina and Latino American communities.
- F: Critically review how struggle, resistance, racial and social justice, solidarity, and liberation, as experienced and enacted by Native Americans, African Americans, Asian Americans and/or Latina and Latino Americans are relevant to current and structural issues such as communal, national, international, and transnational politics as, for example, in immigration, reparations, settler-colonialism, multiculturalism, language policies.
- F: Describe and actively engage with anti-racist and anti-colonial issues and the practices and movements in Native American, African American, Asian American and/or Latina and Latino communities and a just and equitable society.

## Intersegmental General Education Transfer Curriculum (IGETC) for STEM

All courses on IGETC must be completed with a grade of "C" or better (or score of 3 or better on AP tests). Grades of "C-" are not acceptable. Students wishing to use a course to meet an IGETC requirement must be sure that the course is on the IGETC list during the academic year when it is taken. **When substituting a course from another California Community College, check assist.org to verify the course was approved to meet IGETC in that area at the college where the course was taken, in the year it was taken.** IGETC Certification\* must be requested prior to transferring. The UC system allows a maximum of 14 semester units graded "Pass/No-Pass." *Courses on this list change from year to year. Always check on the IGETC list on ASSIST.org for Oxnard College before registering for a course.*

## IGETC for STEM 2022-2023

### Area 1 - English Communication

CSU: complete one course from each Area: 1A, 1B, & 1C.

UC: complete one course from Area 1A and one course from Area 1B.

Each course must be 3 semester units (4-5 quarter units).

#### 1A. English Composition

No IB scores are accepted for this area.

Course ID	Title	Units/Hours
ENGL R101	College Composition	4
or ENGL R101H	Honors: College Composition	

#### 1B. Critical Thinking - English Composition

No AP or IB scores are accepted for this area. Courses must have English Composition as a prerequisite.

Course ID	Title	Units/Hours
ENGL R102	Critical Thinking through Composition and Literature	4
or ENGL R102H	Honors: Critical Thinking through Composition and Literature	
ENGL R128	Composition and Critical Thinking through Non-Fiction	3
PHIL R111	Critical Thinking and Analytic Writing	3

#### 1C. Oral Communication (CSU requirement only)

No AP or IB scores are accepted for this area.

Course ID	Title	Units/Hours
COMM R101	Introduction to Oral Communication	3
COMM R107	Argumentation and Debate	3
COMM R110	Small Group Communication	3
COMM R111	Interpersonal Communication	3

## Area 2 - Mathematical Concepts and Quantitative Reasoning

Complete one course of at least 3 semester units (4-5 quarter units) in Area 2.

### 2. Mathematical Concepts and Quantitative Reasoning

Course ID	Title	Units/Hours
MATH R101	Mathematics for the Liberal Arts Major	3
MATH R105	Introductory Statistics	4
or MATH R105H	Honors: Introductory Statistics	
MATH R106	Business Calculus	4
MATH R115	College Algebra	4
MATH R117	Precalculus and Trigonometry	6
MATH R120	Calculus with Analytic Geometry I	5
MATH R121	Calculus with Analytic Geometry II	5

MATH R122	Calculus with Analytic Geometry III	5
MATH R134	Linear Algebra	3
MATH R143	Differential Equations	3
PSY R103	Beginning Statistics for Behavioral Science	3
SOC R125	Statistics for the Behavioral and Social Sciences	3

## Area 3 - Arts and Humanities

Complete 2 courses of at least 3 semester units each (4-5 quarter units) for a total of 6 semester units (8 quarter units). One course must be from Area 3A Arts and one course must be from Area 3B Humanities.

### 3A. Arts

Course ID	Title	Units/Hours
ART R101	Introduction to Art and Visual Culture	3
ART R102	Western Art I: Prehistory through the Middle Ages	3
ART R103	Western Art II: Renaissance to Contemporary	3
ART R171	Modern Art	3
ART R172	Art of the Ancient Americas	3
ART R174	Latin American Art	3
FTVE R107	History of Film	3
MUS R101	Fundamentals of Music	3
MUS R103	Music Appreciation	3
MUS R109	Music of Latin America	3
MUS R116	History of Rock Music	3
SPAN R234	Latin American and Spanish Film	3
THTR R111	Introduction to Theatre	3

### 3B. Humanities

Course ID	Title	Units/Hours
ANTH R110	People of the World: The Cultures of Globalization and Change	3
ANTH R111	Magic, Witchcraft and Religion: Anthropology of Belief	3
ANTH R113	Ancient Civilizations of the Americas	3
ANTH R116	Science, Technology, and Human Values	3
ART R172	Art of the Ancient Americas	3
ART R174	Latin American Art	3
ASL R103	American Sign Language 3	4
ASL R104	American Sign Language 4	4
ASL R110	Introduction to Deaf Studies	3
ENGL R104	English Literature I	3
ENGL R105	English Literature II	3
ENGL R107	American Literature I	3
ENGL R108	American Literature II	3
ENGL R111	Shakespeare	3
ENGL R112	Literature by Women	3
ENGL R124	Introduction to LGBTIQ Literature	3
ENGL R125	Children's Literature	3
ENGL R126	Introduction to Chicana/o Literature	3

ENGL R129	Introduction to Latinx Literature	3
ESL R100	College Writing Preparation for Non-Native Speakers	4
HIST R108	African-American History	3
HIST R109	History of Mexico	3
HIST R110	History of the Middle East	3
HIST R150	World History I	3
or HIST R150H	Honors: World History I	
HIST R160	World History II	3
or HIST R160H	Honors: World History II	
IDS R102	Science, Technology, and Human Values	3
MUS R109	Music of Latin America	3
PHIL R101	Introduction to Philosophy	3
or PHIL R101H	Honors: Introduction to Philosophy	
PHIL R102	Introduction to Ethics	3
or PHIL R102H	Honors: Introduction to Ethics	
PHIL R103	Survey of World Religions: East	3
PHIL R104	Survey of World Religions: West	3
PHIL R105	History of Ancient and Medieval Philosophy	3
PHIL R106	History of Modern Philosophy	3
PHIL R108	World Mythology	3
PHIL R110	Philosophy of Religion	3
PHIL R114	Social Philosophy	3
PHIL R115	Comparative World Religions	3
or PHIL R115H	Honors: Comparative World Religions	
PHIL R116	Contemporary Moral Issues	3
SOC R114	Social Philosophy	3
SPAN R210	Intermediate Spanish II	4
SPAN R220	Spanish for Heritage Speakers I	4
or SPAN R220H	Honors: Spanish for Heritage Speakers I	
SPAN R230	Spanish for Heritage Speakers II	4
or SPAN R230H	Honors: Spanish for Heritage Speakers II	
SPAN R232	Latin American Literature	3
or SPAN R232H	Honors: Latin American Literature	
SPAN R236	Cultures of Latin America	3
or SPAN R236H	Honors: Cultures of Latin America	

## Area 4 - Social and Behavioral Sciences

Complete 2 courses of at least 3 semester units each (4-5 quarter units) for a minimum total of 6 semester (8 quarter units) from two different disciplines.

### 4. Social and Behavioral Sciences

Course ID	Title	Units/Hours
ADS R131	Abnormal Psychology	3
ANTH R102	Introduction to Cultural Anthropology	3
or ANTH R102H	Honors: Introduction to Cultural Anthropology	
ANTH R103	Introduction to Archaeology	3
ANTH R105	Sex, Gender and Culture	3
ANTH R106	Psychological Anthropology	3
ANTH R107	The Anthropology of Native Americans *	3

ANTH R110	People of the World: The Cultures of Globalization and Change	3	or HIST R140H	Honors: History of the United States II	
ANTH R111	Magic, Witchcraft and Religion: Anthropology of Belief	3	HIST R150	World History I	3
or ANTH R111H	Honors: Magic, Witchcraft and Religion: Anthropology of Belief		or HIST R150H	Honors: World History I	
ANTH R113	Ancient Civilizations of the Americas	3	HIST R160	World History II	3
ANTH R114	African American Culture and Experience	3	or HIST R160H	Honors: World History II	
ANTH R115	Introduction to Language and Culture	3	IDS R102	Science, Technology, and Human Values	3
ANTH R116	Science, Technology, and Human Values	3	PHIL R114	Social Philosophy	3
ANTH R119	Introduction to Border Studies	3	POLS R100	Introduction to Politics	3
ASL R110	Introduction to Deaf Studies	3	POLS R101	Government of the United States I: Institutions and Politics	3
BRS R101	Introduction to Border Studies	3	POLS R102	Introduction to Law and Society	3
CHST R101	Introduction to Chicana/o Studies	3	POLS R104	Introduction to International Relations	3
CHST R107	History of Mexicans in the United States	3	POLS R108	Comparative Politics	3
CHST R108	Sociology of the Chicano Community	3	POLS R120	Political Theory	3
COMM R102	Introduction to Communication Studies	3	POLS R125	U.S. Foreign Policy and Covert Action	3
COMM R111	Interpersonal Communication	3	or POLS R125H	Honors: U.S. Foreign Policy and Covert Action	
COMM R113	Intercultural Communication	3	PSY R101	General Psychology	3
ECE R102	Child Growth and Development	3	or PSY R101H	Honors: General Psychology	
ECON R100	Introduction to Economics and Contemporary Economics Issues	3	PSY R104	Research Methods in Psychology	3
ECON R201	Introduction to the Principles of Microeconomics	3	PSY R107	Sex Roles	3
or ECON R201H	Honors: Introduction to the Principles of Microeconomics		PSY R108	Developmental Psychology	3
ECON R202	Introduction to the Principles of Macroeconomics	3	PSY R110	Human Sexuality	3
or ECON R202H	Honors: Introduction to the Principles of Macroeconomics		PSY R131	Abnormal Psychology	3
ETHS R107	The Anthropology of Native Americans *	3	SJS R110	Introduction to Social Justice Studies	3
ETHS R110	Introduction to Social Justice Studies	3	SJS R120	Introduction to Women's Studies	3
ETHS R114	African American Culture and Experience	3	SJS R130	Introduction to LGBTQ Studies	3
ETHS R119	Introduction to Border Studies	3	SOC R101	Introduction to Sociology	3
GEOG R102	World Regional Geography	3	or SOC R101H	Honors: Introduction to Sociology	
GEOG R104	Geography of California	3	SOC R102	Social Problems	3
GEOG R105	Introduction to Human Geography	3	SOC R103	Race and Ethnic Relations	3
GLST R101	Introduction to Global Studies	3	SOC R104	Sex Roles	3
GLST R102	Global Issues and Problems	3	SOC R106	Contemporary Family in American Society	3
HED R113	Introduction to Public Health	3	SOC R108	Sociology of the Chicano Community	3
HIST R104	History of California	3	SOC R111	Introduction to Social Research	3
HIST R107	History of Mexicans in the United States	3	SOC R114	Social Philosophy	3
HIST R108	African-American History	3	SOC R116	Crime and Society	3
HIST R109	History of Mexico	3	SOC R119	Introduction to Social Work and Human Services	3
HIST R110	History of the Middle East	3	URBS R101	Introduction to Urban Studies	3
HIST R117	History of American Women	3			
HIST R124	Sports in American History	3			
HIST R125	U.S. Foreign Policy and Covert Action	3			
or HIST R125H	Honors: U.S. Foreign Policy and Covert Action				
HIST R126	History of Latin America	3			
HIST R130	History of the United States I	3			
or HIST R130H	Honors: History of the United States I				
HIST R140	History of the United States II	3			

\*course also meets CSU Ethnic Studies Grad Requirement

## Area 5 - Physical and Biological Sciences

Complete 2 courses for a total of 7-9 semester units (9-12 quarter units). One course must be from Area 5A Physical Science and one course must be from Area 5B Biological Science. At least one of the two courses must include a laboratory to fulfill Area 5C.

### 5A. Physical Science

Course ID	Title	Units/Hours
AST R101	Introduction to Astronomy	3
CHEM R110	Elementary Chemistry	5

CHEM R112	Elementary Organic and Biological Chemistry	5	CHEM R110	Elementary Chemistry	5
CHEM R120	General Chemistry I	5	CHEM R112	Elementary Organic and Biological Chemistry	5
CHEM R122	General Chemistry II	5	CHEM R120	General Chemistry I	5
CHEM R130	Organic Chemistry I	5	CHEM R122	General Chemistry II	5
CHEM R132	Organic Chemistry II	5	CHEM R130	Organic Chemistry I	5
GEOG R101	Elements of Physical Geography	3	CHEM R132	Organic Chemistry II	5
GEOG R103	Introduction to Weather and Climate	3	GEOG R101L	Physical Geography Laboratory	1
GEOL R101	Physical Geology	3	GEOL R101L	Physical Geology Laboratory	1
GEOL R103	Introduction to Oceanography	3	GEOL R103L	Introduction to Oceanography Laboratory	1
GEOL R114	Historical Geology	3	GEOL R114L	Historical Geology Laboratory	1
GEOL R121	Earth Science with Laboratory	4	GEOL R121	Earth Science with Laboratory	4
GEOL R130	Environmental Geology	3	MICR R100L	Principles of Microbiology Laboratory	2
MST R103	Introduction to Oceanography	3	MST R100L	Marine Biology Laboratory	1
PHSC R170	Concepts in Physical Science	4	MST R103L	Introduction to Oceanography Laboratory	1
PHYS R101	College Physics 1	4	PHSC R170	Concepts in Physical Science	4
PHYS R102	College Physics 2	4	PHSO R101	Human Physiology	5
PHYS R121	Physics with Calculus 1	5	PHYS R101L	College Physics 1 Laboratory	1
PHYS R122	Physics with Calculus 2	5	PHYS R102L	College Physics 2 Laboratory	1
PHYS R131	Physics for Scientists and Engineers 1	5	PHYS R121	Physics with Calculus 1	5
PHYS R132	Physics for Scientists and Engineers 2	5	PHYS R122	Physics with Calculus 2	5
PHYS R133	Physics for Scientists and Engineers 3	5	PHYS R131	Physics for Scientists and Engineers 1	5
			PHYS R132	Physics for Scientists and Engineers 2	5
			PHYS R133	Physics for Scientists and Engineers 3	5

## 5B. Biological Science

Course ID	Title	Units/ Hours
ANAT R101	General Human Anatomy	4
ANTH R101	Introduction to Biological Anthropology	3
or ANTH R101H	Honors: Introduction to Biological Anthropology	
BIOL R100	Marine Biology	3
BIOL R101	General Biology	3
or BIOL R101H	Honors: General Biology	
BIOL R120	Principles of Biology I	4
BIOL R122	Principles of Biology II	4
BIOL R155	Principles of Botany	3
ESRM R100	Introduction to Environmental Science	3
MICR R100	Principles of Microbiology	3
MST R100	Marine Biology	3
PHSO R101	Human Physiology	5
PSY R105	Introduction to Physiological Psychology	3

## 5C. Laboratory Science

Course ID	Title	Units/ Hours
ANAT R101	General Human Anatomy	4
ANTH R101L	Introduction to Biological Anthropology Lab	1
AST R101L	Astronomy Laboratory	1
BIOL R100L	Marine Biology Laboratory	1
BIOL R101L	General Biology Laboratory	1
BIOL R120L	Principles of Biology I Lab: Intro to Cellular and Molecular Biology	1
BIOL R122L	Principles of Biology II Laboratory	1
BIOL R155L	Principles of Botany Laboratory	1

## Area 6 - Language other than English (UC Requirement only)

Students must demonstrate proficiency equivalent to two years of high school in the same language with a grade of "C-" or better (A grade of "C-" is only accepted for high school courses) or complete one college course with a grade of "C" or better from the following:

### 6. Language other than English

Course ID	Title	Units/ Hours
ASL R101	American Sign Language 1	4
ASL R102	American Sign Language 2	4
ASL R103	American Sign Language 3	4
ASL R104	American Sign Language 4	4
SPAN R110	Elementary Spanish II	4
SPAN R200	Intermediate Spanish I	4
SPAN R210	Intermediate Spanish II	4
SPAN R220	Spanish for Heritage Speakers I	4
or SPAN R220H	Honors: Spanish for Heritage Speakers I	
SPAN R230	Spanish for Heritage Speakers II	4
or SPAN R230H	Honors: Spanish for Heritage Speakers II	

## CSU Graduation Requirement in U.S. History, Constitution and American Ideals

While not part of IGETC, this CSU graduation requirement may be completed prior to transfer. Complete one course from Group 1 and one course from Group 2 for a total of 6 semester units. The same courses



may also be used to satisfy requirements in Area 4 at the discretion of the CSU campus.

### Group 1

US-1 (Historical Development of American Institutions and Ideals)

Course ID	Title	Units/ Hours
CHST/HIST R107	History of Mexicans in the United States	3
HIST R108	African-American History	3
HIST R117	History of American Women	3
HIST R130 or HIST R130H	History of the United States I Honors: History of the United States I	3
HIST R140 or HIST R140H	History of the United States II Honors: History of the United States II	3

### Group 2

US-2 (U.S. Constitution and Government)

Course ID	Title	Units/ Hours
POLS R100	Introduction to Politics	3
POLS R101	Government of the United States I: Institutions and Politics	3
POLS R102	Introduction to Law and Society	3

All POLS courses listed in Group 2 also meet Group US3 California State and local government requirement.

### Notes:

- Courses on this list change from year to year. To fulfill an area above, a course must be approved in that area during the semester the course is taken. Always check on ASSIST.org for Oxnard College before registering for a course.
- Certification of coursework completed for IGETC will be honored provided that a course was on a college's approved IGETC list when it was completed.
- Courses listed in more than one area shall not be certified in more than one area, except combined lecture/lab science courses or courses used to meet AREA 6-LOTE.
- Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed.
- IGETC for STEM is only available to students earning an AS-T in Biology, Chemistry, or Environmental Science.
- Students completing IGETC for STEM will be required, after transfer, to complete the following remaining lower-division general education requirements: one course in Area 3, one course in Area 4, one course in Area 6 for UC-Bound students who have not satisfied it through proficiency.
- UC will accept IGETC for STEM if the UC school/college/major/program to which the student transfers accepts partial IGETC certification.

## Intersegmental General Education Transfer Curriculum (IGETC), Certificate of Achievement

The Certificate of Achievement in Intersegmental General Education Transfer Curriculum (IGETC) recognizes the completion of the IGETC pattern of lower-division general education courses. IGETC is a series of courses that California community college students can complete to satisfy most freshman/sophomore level general education requirements in preparation for transfer. Separate from IGETC certification, the Certificate of Achievement is state-approved award that is given by the college, documented on a student's transcript, and qualifies a student to participate in the annual graduation ceremony.

Completion and certification of IGETC will permit a student to transfer from a California Community College to a California State University (CSU) or University of California (UC) campus generally without the need, after transfer, to take additional lower-division, general education courses to satisfy campus general education requirements.

To earn the Certificate of Achievement in IGETC, students must:

- Complete a minimum of 37 semester units in IGETC Areas 1-5 as specified. Each course must be a minimum of 3 semester units.
- Complete IGETC Area 6A Language Other than English if transferring to a UC.
- Complete all courses with a grade of "C" or better or "P." A "C" grade is defined as a minimum of 2.0 on a 4.0 scale. A "C-" grade valued at less than 2.0 grade points on a 4.0 scale cannot be used for IGETC certification or the COA. The UC allows a maximum of 14 units to be graded "P" towards the 60 units required for transfer admission.
- Achieve a cumulative grade point average of no less than 2.0 in all college coursework applicable to the Certificate of Achievement.

### IGETC 2022-2023

A minimum of a "C" grade is required in each college course for IGETC. A "C" is defined as a minimum 2.0 grade points on a 4.0 scale. Each course must be at least 3 semester/4-5 quarter units (except Science Lab courses in Area 5C)

### Area 1 - English Communication

CSU: Complete one course from each Area: 1A, 1B, & 1C.

UC: complete one course from area 1A and one course from area 1B.

Each course must be 3 semester units (4-5 quarter units).

#### 1A. English Composition

No IB scores are accepted for this area.

Course ID	Title	Units/ Hours
ENGL R101 or ENGL R101H	College Composition Honors: College Composition	4

#### 1B. Critical Thinking - English Composition

No AP or IB scores are accepted for this area.

Course ID	Title	Units/ Hours	Course ID	Title	Units/ Hours
ENGL R102	Critical Thinking through Composition and Literature	4	ART R103	Western Art II: Renaissance to Contemporary	3
or ENGL R102H	Honors: Critical Thinking through Composition and Literature		ART R171	Modern Art	3
ENGL R128	Composition and Critical Thinking through Non-Fiction	3	ART R172	Art of the Ancient Americas	3
PHIL R111	Critical Thinking and Analytic Writing	3	ART R174	Latin American Art	3
			FTVE R107	History of Film	3
			MUS R101	Fundamentals of Music	3
			MUS R103	Music Appreciation	3
			MUS R109	Music of Latin America	3
			MUS R116	History of Rock Music	3
			SPAN R234	Latin American and Spanish Film	3
			THTR R111	Introduction to Theatre	3

### 1C. Oral Communication (CSU requirement only)

No AP or IB scores are accepted for this area.

Course ID	Title	Units/ Hours
COMM R101	Introduction to Oral Communication	3
COMM R107	Argumentation and Debate	3
COMM R110	Small Group Communication	3
COMM R111	Interpersonal Communication	3

## Area 2 - Mathematical Concepts and Quantitative Reasoning

Complete one course of at least 3 semester units (4-5 quarter units) in Area 2.

### 2. Mathematical Concepts and Quantitative Reasoning

Course ID	Title	Units/ Hours
MATH R101	Mathematics for the Liberal Arts Major	3
MATH R105	Introductory Statistics	4
or MATH R105H	Honors: Introductory Statistics	
MATH R106	Business Calculus	4
MATH R115	College Algebra	4
MATH R117	Precalculus and Trigonometry	6
MATH R120	Calculus with Analytic Geometry I	5
MATH R121	Calculus with Analytic Geometry II	5
MATH R122	Calculus with Analytic Geometry III	5
MATH R134	Linear Algebra	3
MATH R143	Differential Equations	3
PSY R103	Beginning Statistics for Behavioral Science	3
SOC R125	Statistics for the Behavioral and Social Sciences	3

## Area 3 - Arts and Humanities

Complete at least 3 courses of at least 3 semester units each (4-5 quarter units) for a total of 9 semester units (12-15 quarter units) in Area 3. One course must be from Area 3A Arts and one course must be from Area 3B Humanities. The third course may be from either Area 3A or 3B.

### 3A. Arts

Course ID	Title	Units/ Hours
ART R101	Introduction to Art and Visual Culture	3
ART R102	Western Art I: Prehistory through the Middle Ages	3

### 3B. Humanities

Course ID	Title	Units/ Hours
ANTH R110	People of the World: The Cultures of Globalization and Change	3
ANTH R111	Magic, Witchcraft and Religion: Anthropology of Belief	3
ANTH R113	Ancient Civilizations of the Americas	3
ANTH R116	Science, Technology, and Human Values	3
ART R172	Art of the Ancient Americas	3
ART R174	Latin American Art	3
ASL R103	American Sign Language 3	4
ASL R104	American Sign Language 4	4
ASL R110	Introduction to Deaf Studies	3
ENGL R104	English Literature I	3
ENGL R105	English Literature II	3
ENGL R107	American Literature I	3
ENGL R108	American Literature II	3
ENGL R111	Shakespeare	3
ENGL R112	Literature by Women	3
ENGL R124	Introduction to LGBTIQ Literature	3
ENGL R125	Children's Literature	3
ENGL R126	Introduction to Chicana/o Literature	3
ENGL R129	Introduction to Latinx Literature	3
ESL R100	College Writing Preparation for Non-Native Speakers	4
HIST R108	African-American History	3
HIST R109	History of Mexico	3
HIST R110	History of the Middle East	3
HIST R150	World History I	3
or HIST R150H	Honors: World History I	
HIST R160	World History II	3
or HIST R160H	Honors: World History II	
IDS R102	Science, Technology, and Human Values	3
MUS R109	Music of Latin America	3
PHIL R101	Introduction to Philosophy	3
or PHIL R101H	Honors: Introduction to Philosophy	
PHIL R102	Introduction to Ethics	3
or PHIL R102H	Honors: Introduction to Ethics	
PHIL R103	Survey of World Religions: East	3

PHIL R104	Survey of World Religions: West	3	COMM R111	Interpersonal Communication	3
PHIL R105	History of Ancient and Medieval Philosophy	3	COMM R113	Intercultural Communication	3
PHIL R106	History of Modern Philosophy	3	ECE R102	Child Growth and Development	3
PHIL R108	World Mythology	3	ECON R100	Introduction to Economics and Contemporary Economics Issues	3
PHIL R110	Philosophy of Religion	3	ECON R201	Introduction to the Principles of Microeconomics	3
PHIL R114	Social Philosophy	3	or ECON R201H	Honors: Introduction to the Principles of Microeconomics	
PHIL R115	Comparative World Religions	3	ECON R202	Introduction to the Principles of Macroeconomics	3
or PHIL R115H	Honors: Comparative World Religions		or ECON R202H	Honors: Introduction to the Principles of Macroeconomics	
PHIL R116	Contemporary Moral Issues	3	ETHS R107	The Anthropology of Native Americans *	3
SOC R114	Social Philosophy	3	ETHS R110	Introduction to Social Justice Studies	3
SPAN R210	Intermediate Spanish II	4	ETHS R114	African American Culture and Experience	3
SPAN R220	Spanish for Heritage Speakers I	4	ETHS R119	Introduction to Border Studies	3
or SPAN R220H	Honors: Spanish for Heritage Speakers I		GEOG R102	World Regional Geography	3
SPAN R230	Spanish for Heritage Speakers II	4	GEOG R104	Geography of California	3
or SPAN R230H	Honors: Spanish for Heritage Speakers II		GEOG R105	Introduction to Human Geography	3
SPAN R232	Latin American Literature	3	GLST R101	Introduction to Global Studies	3
or SPAN R232H	Honors: Latin American Literature		GLST R102	Global Issues and Problems	3
SPAN R236	Cultures of Latin America	3	HED R113	Introduction to Public Health	3
or SPAN R236H	Honors: Cultures of Latin America		HIST R104	History of California	3

## Area 4 - Social and Behavioral Sciences

Complete at least 3 courses, of at least 3 semester units each (4-5 quarter units) from at least 2 academic disciplines for a total of 9 semester (12-15 quarter units) in Area 4.

### 4. Social and Behavioral Sciences

Course ID	Title	Units/ Hours			
ADS R131	Abnormal Psychology	3	HIST R107	History of Mexicans in the United States	3
ANTH R102	Introduction to Cultural Anthropology	3	HIST R108	African-American History	3
or ANTH R102H	Honors: Introduction to Cultural Anthropology		HIST R109	History of Mexico	3
ANTH R103	Introduction to Archaeology	3	HIST R110	History of the Middle East	3
ANTH R105	Sex, Gender and Culture	3	HIST R117	History of American Women	3
ANTH R106	Psychological Anthropology	3	HIST R124	Sports in American History	3
ANTH R107	The Anthropology of Native Americans *	3	HIST R125	U.S. Foreign Policy and Covert Action	3
ANTH R110	People of the World: The Cultures of Globalization and Change	3	or HIST R125H	Honors: U.S. Foreign Policy and Covert Action	
ANTH R111	Magic, Witchcraft and Religion: Anthropology of Belief	3	HIST R126	History of Latin America	3
or ANTH R111H	Honors: Magic, Witchcraft and Religion: Anthropology of Belief		HIST R130	History of the United States I	3
ANTH R113	Ancient Civilizations of the Americas	3	or HIST R130H	Honors: History of the United States I	
ANTH R114	African American Culture and Experience	3	HIST R140	History of the United States II	3
ANTH R115	Introduction to Language and Culture	3	or HIST R140H	Honors: History of the United States II	
ANTH R116	Science, Technology, and Human Values	3	HIST R150	World History I	3
ANTH R119	Introduction to Border Studies	3	or HIST R150H	Honors: World History I	
ASL R110	Introduction to Deaf Studies	3	HIST R160	World History II	3
BRS R101	Introduction to Border Studies	3	or HIST R160H	Honors: World History II	
CHST R101	Introduction to Chicana/o Studies	3	IDS R102	Science, Technology, and Human Values	3
CHST R102	Chicana/o Cultural Identity	3	PHIL R114	Social Philosophy	3
CHST R107	History of Mexicans in the United States	3	POLS R100	Introduction to Politics	3
CHST R108	Sociology of the Chicano Community	3	POLS R101	Government of the United States I: Institutions and Politics	3
COMM R102	Introduction to Communication Studies	3	POLS R102	Introduction to Law and Society	3
			POLS R104	Introduction to International Relations	3
			POLS R108	Comparative Politics	3
			POLS R120	Political Theory	3
			POLS R125	U.S. Foreign Policy and Covert Action	3
			or POLS R125H	Honors: U.S. Foreign Policy and Covert Action	
			PSY R101	General Psychology	3

or PSY R101H	Honors: General Psychology	
PSY R104	Research Methods in Psychology	3
PSY R107	Sex Roles	3
PSY R108	Developmental Psychology	3
PSY R110	Human Sexuality	3
PSY R131	Abnormal Psychology	3
SJS R110	Introduction to Social Justice Studies	3
SJS R120	Introduction to Women's Studies	3
SJS R130	Introduction to LGBTQ Studies	3
SOC R101	Introduction to Sociology	3
or SOC R101H	Honors: Introduction to Sociology	
SOC R102	Social Problems	3
SOC R103	Race and Ethnic Relations	3
SOC R104	Sex Roles	3
SOC R106	Contemporary Family in American Society	3
SOC R108	Sociology of the Chicano Community	3
SOC R111	Introduction to Social Research	3
SOC R114	Social Philosophy	3
SOC R116	Crime and Society	3
SOC R119	Introduction to Social Work and Human Services	3
URBS R101	Introduction to Urban Studies	3

\*This course also meets CSU Ethnic Studies Graduation Requirement

## Area 5 - Physical and Biological Sciences

Complete one course from Area 5A and one from Area 5B; one of which must include a laboratory (listed in Area 5C) corresponding to selected lecture course; 7-9 semester ( 9-12 quarter units) in Area 5. Each course must be at least 3 semester units (4-5 quarter units), except separate lab courses.

### 5A. Physical Science

Course ID	Title	Units/ Hours
AST R101	Introduction to Astronomy	3
CHEM R110	Elementary Chemistry	5
CHEM R112	Elementary Organic and Biological Chemistry	5
CHEM R120	General Chemistry I	5
CHEM R122	General Chemistry II	5
CHEM R130	Organic Chemistry I	5
CHEM R132	Organic Chemistry II	5
GEOG R101	Elements of Physical Geography	3
GEOG R103	Introduction to Weather and Climate	3
GEOL R101	Physical Geology	3
GEOL R103	Introduction to Oceanography	3
GEOL R114	Historical Geology	3
GEOL R121	Earth Science with Laboratory	4
GEOL R130	Environmental Geology	3
MST R103	Introduction to Oceanography	3
PHSC R170	Concepts in Physical Science	4
PHYS R101	College Physics 1	4
PHYS R102	College Physics 2	4

PHYS R121	Physics with Calculus 1	5
PHYS R122	Physics with Calculus 2	5
PHYS R131	Physics for Scientists and Engineers 1	5
PHYS R132	Physics for Scientists and Engineers 2	5
PHYS R133	Physics for Scientists and Engineers 3	5

### 5B. Biological Science

Course ID	Title	Units/ Hours
ANAT R101	General Human Anatomy	4
ANTH R101	Introduction to Biological Anthropology	3
or ANTH R101H	Honors: Introduction to Biological Anthropology	
BIOL R100	Marine Biology	3
BIOL R101	General Biology	3
or BIOL R101H	Honors: General Biology	
BIOL R120	Principles of Biology I	4
BIOL R122	Principles of Biology II	4
BIOL R155	Principles of Botany	3
ESRM R100	Introduction to Environmental Science	3
MICR R100	Principles of Microbiology	3
MST R100	Marine Biology	3
PHSO R101	Human Physiology	5
PSY R105	Introduction to Physiological Psychology	3

### 5C. Laboratory Science

Course ID	Title	Units/ Hours
ANAT R101	General Human Anatomy	4
ANTH R101L	Introduction to Biological Anthropology Lab	1
AST R101L	Astronomy Laboratory	1
BIOL R100L	Marine Biology Laboratory	1
BIOL R101L	General Biology Laboratory	1
BIOL R120L	Principles of Biology I Lab: Intro to Cellular and Molecular Biology	1
BIOL R122L	Principles of Biology II Laboratory	1
BIOL R155L	Principles of Botany Laboratory	1
CHEM R110	Elementary Chemistry	5
CHEM R112	Elementary Organic and Biological Chemistry	5
CHEM R120	General Chemistry I	5
CHEM R122	General Chemistry II	5
CHEM R130	Organic Chemistry I	5
CHEM R132	Organic Chemistry II	5
ESRM R100L	Introduction to Environmental Science Laboratory	1
GEOG R101L	Physical Geography Laboratory	1
GEOL R101L	Physical Geology Laboratory	1
GEOL R103L	Introduction to Oceanography Laboratory	1
GEOL R114L	Historical Geology Laboratory	1
GEOL R121	Earth Science with Laboratory	4
MICR R100L	Principles of Microbiology Laboratory	2
MST R100L	Marine Biology Laboratory	1
MST R103L	Introduction to Oceanography Laboratory	1

PHSC R170	Concepts in Physical Science	4
PHSO R101	Human Physiology	5
PHYS R101L	College Physics 1 Laboratory	1
PHYS R102L	College Physics 2 Laboratory	1
PHYS R121	Physics with Calculus 1	5
PHYS R122	Physics with Calculus 2	5
PHYS R131	Physics for Scientists and Engineers 1	5
PHYS R132	Physics for Scientists and Engineers 2	5
PHYS R133	Physics for Scientists and Engineers 3	5

## Area 6 - Language other than English (UC Requirement only)

Students must demonstrate proficiency equivalent to two years of high school in the same language with a "C-" or better (a C- is only acceptable for high school coursework), or one of the following college courses with a "C" or better.

### 6. Language other than English

Course ID	Title	Units/Hours
ASL R101	American Sign Language 1	4
ASL R102	American Sign Language 2	4
ASL R103	American Sign Language 3	4
ASL R104	American Sign Language 4	4
SPAN R110	Elementary Spanish II	4
SPAN R200	Intermediate Spanish I	4
SPAN R210	Intermediate Spanish II	4
SPAN R220	Spanish for Heritage Speakers I	4
or SPAN R220H	Honors: Spanish for Heritage Speakers I	
SPAN R230	Spanish for Heritage Speakers II	4
or SPAN R230H	Honors: Spanish for Heritage Speakers II	

## CSU Graduation Requirement in U.S. History, Constitution and American Ideals

While not a part of IGETC, this CSU graduation requirement may be completed prior to transfer. Complete one course from Group 1 and one course from Group 2 for a total of 6 semester units (8 quarter units). The same courses may also be used to satisfy requirements in Area 4 at the discretion of the CSU campus.

### Group 1

US-1 (Historical Development of American Institutions and Ideals)

Course ID	Title	Units/Hours
CHST/HIST R107	History of Mexicans in the United States	3
HIST R108	African-American History	3
HIST R117	History of American Women	3
HIST R130	History of the United States I	3
or HIST R130H	Honors: History of the United States I	
HIST R140	History of the United States II	3
or HIST R140H	Honors: History of the United States II	

### Group 2

US-2 (U.S. Constitution and Government)

Course ID	Title	Units/Hours
POLS R100	Introduction to Politics	3
POLS R101	Government of the United States I: Institutions and Politics	3
POLS R102	Introduction to Law and Society	3

All POLS courses listed in Group 2 also meet Group US3 - California State and local government.

### Notes:

- Courses on this list change from year to year. To fulfill an area above, a course must be approved in that area during the semester the course is taken. Always check on ASSIST.org for Oxnard College before registering for a course.
- Certification of coursework completed for IGETC will be honored provided that a course was on a college's approved IGETC list when it was completed.
- Courses listed in more than one area shall not be certified in more than one area, except combined lecture/lab science courses or courses used to meet AREA 6-LOTE.
- Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed.
- Students who complete IGETC may also apply for a Certificate of Achievement.

Upon successful completion of this program, students will be able to:

- 1A: Write expository essays at the college level
- 1B: Explain the relationship of language to logic
- 1B: Analyze, criticize, and advocate ideas through writing
- 1B: Reason inductively and deductively
- 1B: Identify the assumptions upon which particular conclusions depend
- 1B: Distinguish fact from judgement, knowledge from belief, and truth from falsehood
- 1B: Recognize common logical errors or fallacies of language and thought
- 1C: Explain the basic principles of human communication including the psychological basis and the social significance of communication and how it operates in various situations
- 1C: Prepare and deliver oral presentations in the presence of others
- 1C: Demonstrate active and analytical listening skills
- 1C: Critically evaluate, organize, and report information
- 2: Perform mathematical calculations
- 2: Use quantitative analysis
- 2: Use and criticize quantitative arguments
- 3A, 3B: Explain historical significance of major civilizations and cultures, both Western and non-Western, through the study of philosophy, language, literature, and the fine arts.
- 3A, 3B: Describe the contributions to knowledge, civilization, and society that have been made by men and women as well as members of various ethnic or cultural groups.



- 3A, 3B: Analyze and appreciate works of philosophical, historical, literary, and cultural importance.
- 4: Understand the perspectives and research methods of the social and behavioral sciences
- 4: Examine the problems and issues in the social and behavioral sciences in their contemporary, historical, and geographical settings
- 4: Analyze the contributions and perspectives of men, women, and members of ethnic and other minorities
- 4: Compare perspectives on both Western and non-Western societies
- 4: Describe the cultural and social organizations in which they exist as well as the behavior and social organizations of other human societies.
- 5A, 5B, 5C: Describe the scientific method
- 5A, 5B, 5C: Describe the relationship of scientific advancements and capability with human values and social goals.
- 5A, 5B, 5C: Explain basic scientific concepts of the physical and biological aspects of the world
- 5A, 5B, 5C: Evaluate science as a human endeavor including its limitations and power.
- 6A: Demonstrate proficiency in a language other than English equal to two years of high school instruction.

## Oxnard College General Education (OC GE)

### Applies to Associate Degrees in General Studies Pattern I and most AA/AS Degrees in a Specific Major

Completion of Oxnard College General Education is required for most AA/AS Degrees, including the Associate Degree (AA) in General Studies Pattern I. All Students pursuing the AA in General Studies Pattern I must complete this GE plan in its entirety (areas A-F). Students completing all other AA/AS degrees that require or allow for this GE plan are only required to complete areas A-E. This GE pattern is not designed to prepare students for transfer.

There are some AA/AS Degrees that require or allow students to choose an alternative general education plan such as CSU GE-Breadth, IGETC, IGETC for STEM, or the GE pattern of their intended transfer institution. For information on which GE applies to each major, see General Education Options. (<https://vcccd-preview.courseleaf.com/oxnard/general-education/general-education-options/>)

Oxnard College GE does **not** apply to Associate Degrees for Transfer (ADT), UC Transfer Pathways (UCTP) Degrees, or Associate Degrees in General Studies Patterns II and III.

A minimum of 60 degree-applicable units is required for an Associate Degree.

## OC GE 2022-2023

### A. Natural Sciences

Complete a minimum of **6 semester units** with **one** course from Area A1 - Biological Science & **one** course from Area A2 - Physical Science

### A1. Biological Science:

Course ID	Title	Units/ Hours
ANAT R101	General Human Anatomy	4
ANTH R101	Introduction to Biological Anthropology	3
or ANTH R101H	Honors: Introduction to Biological Anthropology	
ANTH R101L	Introduction to Biological Anthropology Lab	1
ANTH R118	Introduction to Forensic Science	3
BIOL R100	Marine Biology	3
BIOL R100L	Marine Biology Laboratory	1
BIOL R101	General Biology	3
or BIOL R101H	Honors: General Biology	
BIOL R101L	General Biology Laboratory	1
BIOL R120	Principles of Biology I	4
BIOL R120L	Principles of Biology I Lab: Intro to Cellular and Molecular Biology	1
BIOL R122	Principles of Biology II	4
BIOL R122L	Principles of Biology II Laboratory	1
BIOL R155	Principles of Botany	3
BIOL R155L	Principles of Botany Laboratory	1
ESRM R100	Introduction to Environmental Science	3
ESRM R100L	Introduction to Environmental Science Laboratory	1
MICR R100	Principles of Microbiology	3
MICR R100L	Principles of Microbiology Laboratory	2
MST R100	Marine Biology	3
MST R100L	Marine Biology Laboratory	1
PHSO R101	Human Physiology	5
PSY R105	Introduction to Physiological Psychology	3

### A2. Physical Science:

Course ID	Title	Units/ Hours
AST R101	Introduction to Astronomy	3
AST R101L	Astronomy Laboratory	1
CHEM R104	General, Organic, and Biological Chemistry	5
CHEM R110	Elementary Chemistry	5
CHEM R112	Elementary Organic and Biological Chemistry	5
CHEM R120	General Chemistry I	5
CHEM R122	General Chemistry II	5
CHEM R130	Organic Chemistry I	5
CHEM R132	Organic Chemistry II	5
GEOG R101	Elements of Physical Geography	3
GEOG R101L	Physical Geography Laboratory	1
GEOG R103	Introduction to Weather and Climate	3
GEOL R101	Physical Geology	3
GEOL R101L	Physical Geology Laboratory	1
GEOL R103	Introduction to Oceanography	3
GEOL R103L	Introduction to Oceanography Laboratory	1
GEOL R114	Historical Geology	3
GEOL R114L	Historical Geology Laboratory	1
GEOL R121	Earth Science with Laboratory	4

GEOL R130	Environmental Geology	3
MST R103	Introduction to Oceanography	3
MST R103L	Introduction to Oceanography Laboratory	1
PHSC R170	Concepts in Physical Science	4
PHYS R101	College Physics 1	4
PHYS R101L	College Physics 1 Laboratory	1
PHYS R102	College Physics 2	4
PHYS R102L	College Physics 2 Laboratory	1
PHYS R121	Physics with Calculus 1	5
PHYS R122	Physics with Calculus 2	5
PHYS R131	Physics for Scientists and Engineers 1	5
PHYS R132	Physics for Scientists and Engineers 2	5
PHYS R133	Physics for Scientists and Engineers 3	5

## B. Social & Behavioral Sciences

Complete a minimum of **6 semester units** with **one** course from Area B1 - American History/Institutions and **one** course from Area B2 - Social & Behavioral Sciences

### B1. American History/Institutions:

Course ID	Title	Units/ Hours
CHST R107	History of Mexicans in the United States	3
HIST R107	History of Mexicans in the United States	3
HIST R108	African-American History	3
HIST R117	History of American Women	3
HIST R130	History of the United States I	3
or HIST R130H	Honors: History of the United States I	
HIST R140	History of the United States II	3
or HIST R140H	Honors: History of the United States II	
POLS R100	Introduction to Politics	3
POLS R101	Government of the United States I: Institutions and Politics	3
POLS R102	Introduction to Law and Society	3

### B2. Social & Behavioral Sciences:

Course ID	Title	Units/ Hours
ADS R131	Abnormal Psychology	3
ANTH R102	Introduction to Cultural Anthropology	3
or ANTH R102H	Honors: Introduction to Cultural Anthropology	
ANTH R103	Introduction to Archaeology	3
ANTH R105	Sex, Gender and Culture	3
ANTH R106	Psychological Anthropology	3
ANTH R107	The Anthropology of Native Americans	3
ANTH R110	People of the World: The Cultures of Globalization and Change	3
ANTH R111	Magic, Witchcraft and Religion: Anthropology of Belief	3
or ANTH R111H	Honors: Magic, Witchcraft and Religion: Anthropology of Belief	
ANTH R113	Ancient Civilizations of the Americas	3
ANTH R114	African American Culture and Experience	3
ANTH R115	Introduction to Language and Culture	3

ANTH R116	Science, Technology, and Human Values	3
ANTH R118	Introduction to Forensic Science	3
ANTH R119	Introduction to Border Studies	3
ASL R110	Introduction to Deaf Studies	3
BRS R101	Introduction to Border Studies	3
CHST R101	Introduction to Chicana/o Studies	3
CHST R102	Chicana/o Cultural Identity	3
CHST R107	History of Mexicans in the United States	3
CHST R108	Sociology of the Chicano Community	3
ECE R102	Child Growth and Development	3
ECE R106	Child, Family and Community	3
ECE R108	The Exceptional Child	3
ECON R100	Introduction to Economics and Contemporary Economics Issues	3
ECON R201	Introduction to the Principles of Microeconomics	3
or ECON R201H	Honors: Introduction to the Principles of Microeconomics	
ECON R202	Introduction to the Principles of Macroeconomics	3
or ECON R202H	Honors: Introduction to the Principles of Macroeconomics	
EDU R122	Introduction to Education	3
ETHS R107	The Anthropology of Native Americans	3
ETHS R110	Introduction to Social Justice Studies	3
ETHS R114	African American Culture and Experience	3
ETHS R119	Introduction to Border Studies	3
FTVE R100	Introduction to Electronic Media	3
GEOG R102	World Regional Geography	3
GEOG R104	Geography of California	3
GEOG R105	Introduction to Human Geography	3
GLST R101	Introduction to Global Studies	3
GLST R102	Global Issues and Problems	3
HIST R104	History of California	3
HIST R107	History of Mexicans in the United States	3
HIST R108	African-American History	3
HIST R109	History of Mexico	3
HIST R110	History of the Middle East	3
HIST R117	History of American Women	3
HIST R124	Sports in American History	3
HIST R125	U.S. Foreign Policy and Covert Action	3
or HIST R125H	Honors: U.S. Foreign Policy and Covert Action	
HIST R126	History of Latin America	3
HIST R130	History of the United States I	3
or HIST R130H	Honors: History of the United States I	
HIST R140	History of the United States II	3
or HIST R140H	Honors: History of the United States II	
HIST R150	World History I	3
or HIST R150H	Honors: World History I	
HIST R160	World History II	3
or HIST R160H	Honors: World History II	
IDS R102	Science, Technology, and Human Values	3
PHIL R114	Social Philosophy	3

POLS R100	Introduction to Politics	3	ART R106A	Drawing and Composition I	3
POLS R101	Government of the United States I: Institutions and Politics	3	ART R140	Multicultural Children's Art	3
POLS R102	Introduction to Law and Society	3	ART R171	Modern Art	3
POLS R104	Introduction to International Relations	3	ART R172	Art of the Ancient Americas	3
POLS R108	Comparative Politics	3	or ART R172H	Honors: Art of the Ancient Americas	
POLS R120	Political Theory	3	ART R174	Latin American Art	3
POLS R125	U.S. Foreign Policy and Covert Action	3	or ART R174H	Honors: Latin American Art	
or POLS R125H	Honors: U.S. Foreign Policy and Covert Action		DANC R100	Dance Appreciation	3
PSY R101	General Psychology	3	FTVE R107	History of Film	3
or PSY R101H	Honors: General Psychology		FTVE R130	Beginning Single Camera Production	3
PSY R102	Interpersonal Relations	3	FTVE R135	Beginning TV Studio Production	3
PSY R104	Research Methods in Psychology	3	FTVE R155	Advanced Studio Production	3
PSY R107	Sex Roles	3	MUS R101	Fundamentals of Music	3
PSY R108	Developmental Psychology	3	MUS R103	Music Appreciation	3
PSY R110	Human Sexuality	3	MUS R109	Music of Latin America	3
PSY R111	The Exceptional Child	3	MUS R116	History of Rock Music	3
PSY R122	Psychology of Gender	3	MUS R130	Understanding Music and Dance for Elementary Education	3
PSY R131	Abnormal Psychology	3	THTR R111	Introduction to Theatre	3
SJS R110	Introduction to Social Justice Studies	3	THTR R151	Acting I	3
SJS R120	Introduction to Women's Studies	3			
SJS R130	Introduction to LGBTQ Studies	3			
SOC R101	Introduction to Sociology	3			
or SOC R101H	Honors: Introduction to Sociology				
SOC R102	Social Problems	3			
SOC R103	Race and Ethnic Relations	3			
SOC R104	Sex Roles	3			
SOC R106	Contemporary Family in American Society	3			
SOC R108	Sociology of the Chicano Community	3			
SOC R111	Introduction to Social Research	3			
SOC R114	Social Philosophy	3			
SOC R116	Crime and Society	3			
SOC R119	Introduction to Social Work and Human Services	3			
SOC R140	Sociology of Gender	3			
URBS R101	Introduction to Urban Studies	3			

## C. Humanities

Complete a minimum of **6 semester units** with **one** course from Area C1 - Fine/Performing Arts and **one** course from Area C2 - Humanities

### C1. Fine/Performing Arts:

Course ID	Title	Units/Hours
ART R101	Introduction to Art and Visual Culture	3
ART R102	Western Art I: Prehistory through the Middle Ages	3
or ART R102H	Honors: Western Art I: Prehistory through the Middle Ages	
ART R103	Western Art II: Renaissance to Contemporary	3
or ART R103H	Honors: Western Art II: Renaissance to Contemporary	
ART R104A	Color and Design: 2-D Foundations	3

### C2. Humanities:

Course ID	Title	Units/Hours
ART R174	Latin American Art	3
or ART R174H	Honors: Latin American Art	
ASL R101	American Sign Language 1	4
ASL R102	American Sign Language 2	4
ASL R103	American Sign Language 3	4
ASL R104	American Sign Language 4	4
ENGL R102	Critical Thinking through Composition and Literature	4
or ENGL R102H	Honors: Critical Thinking through Composition and Literature	
ENGL R103	Creative Writing	3
ENGL R104	English Literature I	3
ENGL R105	English Literature II	3
ENGL R107	American Literature I	3
ENGL R108	American Literature II	3
ENGL R111	Shakespeare	3
ENGL R112	Literature by Women	3
ENGL R124	Introduction to LGBTIQ Literature	3
ENGL R125	Children's Literature	3
ENGL R126	Introduction to Chicana/o Literature	3
ENGL R129	Introduction to Latinx Literature	3
ENGL R134	African-American Literature	3
ESL R100	College Writing Preparation for Non-Native Speakers	4
ETHS R134	African-American Literature	3
FILI R101	Elementary Filipino 1	4
FILI R102	Elementary Filipino 2	4
FTVE R100	Introduction to Electronic Media	3
FTVE R110	Introduction to Media Writing	3

HIST R109	History of Mexico	3	COMM R110	Small Group Communication	3
HIST R117	History of American Women	3	COMM R111	Interpersonal Communication	3
HIST R126	History of Latin America	3	COMM R113	Intercultural Communication	3
HIST R150	World History I	3	ENGL R102	Critical Thinking through Composition and Literature	4
or HIST R150H	Honors: World History I		or ENGL R102H	Honors: Critical Thinking through Composition and Literature	
HIST R160	World History II	3	ENGL R128	Composition and Critical Thinking through Non-Fiction	3
or HIST R160H	Honors: World History II		MATH R005	Beginning and Intermediate Algebra for Statistics and Liberal Arts	6
PHIL R101	Introduction to Philosophy	3	MATH R015	Beginning and Intermediate Algebra	6
or PHIL R101H	Honors: Introduction to Philosophy		MATH R101	Mathematics for the Liberal Arts Major	3
PHIL R102	Introduction to Ethics	3	MATH R102	Mathematics for Elementary School Teachers	4
or PHIL R102H	Honors: Introduction to Ethics		MATH R105	Introductory Statistics	4
PHIL R103	Survey of World Religions: East	3	MATH R105H	Honors: Introductory Statistics	4
PHIL R104	Survey of World Religions: West	3	MATH R106	Business Calculus	4
PHIL R105	History of Ancient and Medieval Philosophy	3	MATH R115	College Algebra	4
PHIL R106	History of Modern Philosophy	3	MATH R116	College Trigonometry	3
PHIL R108	World Mythology	3	MATH R117	Precalculus and Trigonometry	6
PHIL R110	Philosophy of Religion	3	MATH R120	Calculus with Analytic Geometry I	5
PHIL R114	Social Philosophy	3	MATH R121	Calculus with Analytic Geometry II	5
PHIL R115	Comparative World Religions	3	MATH R122	Calculus with Analytic Geometry III	5
or PHIL R115H	Honors: Comparative World Religions		MATH R134	Linear Algebra	3
PHIL R116	Contemporary Moral Issues	3	MATH R143	Differential Equations	3
SOC R114	Social Philosophy	3	PHIL R100	Critical Thinking	3
SPAN R100	Elementary Spanish I	4	PHIL R107	Introduction to Logic	3
SPAN R110	Elementary Spanish II	4	PHIL R111	Critical Thinking and Analytic Writing	3
SPAN R200	Intermediate Spanish I	4	PHIL R112	Symbolic Logic	3
SPAN R210	Intermediate Spanish II	4	PSY R103	Beginning Statistics for Behavioral Science	3
SPAN R220	Spanish for Heritage Speakers I	4	PSY R104	Research Methods in Psychology	3
or SPAN R220H	Honors: Spanish for Heritage Speakers I		SOC R125	Statistics for the Behavioral and Social Sciences	3
SPAN R232	Latin American Literature	3			
or SPAN R232H	Honors: Latin American Literature				
SPAN R234	Latin American and Spanish Film	3			
SPAN R236	Cultures of Latin America	3			
or SPAN R236H	Honors: Cultures of Latin America				

All math courses listed in Area D2, including PSY R103 and SOC R125, also meet Competency in Mathematics as required for all Associate degrees.

## D. Language & Rationality

Complete a minimum of **6 semester units** with **one** course from Area D1 - English Composition and **one** course from Area D2 - Communication/Analytical Thinking.

### D1. English Composition:

Course ID	Title	Units/Hours
ENGL R101	College Composition	4
or ENGL R101H	Honors: College Composition	

Courses in Area D1 also meet Competency in written expression as required for Associate degrees.

### D2. Communication/Analytical Thinking:

Course ID	Title	Units/Hours
COMM R100	ESL Academic Oral Communication	3
COMM R101	Introduction to Oral Communication	3
COMM R107	Argumentation and Debate	3

## E. Health and Physical Education/ Kinesiology

Complete a minimum of **two** courses; one course from Area E1 and one course from Area E2.

### E1. Health Education:

One course/no unit minimum

Course ID	Title	Units/Hours
HED R101	Health and Society	3
HED R102	Fitness/Nutrition/Mental Wellness	3
HED R103	Women's Health	3
HED R104	Personal Health and Wellness	3
HED R105	CPR, AED, First Aid, and Personal Safety	3
HED R113	Introduction to Public Health	3

HED R114	Introduction to Nutrition Science	3
EMT R109	Emergency Medical Responder	3
EMT R169	Emergency Medical Technician	8.5
FT R090	USLA Lifeguard Academy I	3
KIN R100	Introduction to Kinesiology	3

## E2. Physical Education/Kinesiology:

One course/no unit minimum

Course ID	Title	Units/ Hours
DANC R102A	Modern Dance I	2
DANC R102B	Modern Dance II	2
DANC R104A	Modern Jazz I	2
DANC R104B	Modern Jazz II	2
DANC R110A	Mexican Folklorico Dance I	2
DANC R110B	Mexican Folklorico Dance II	2
DANC R112A	Introduction to Hip-Hop Dance	1
DANC R112B	Beginning Hip-Hop Dance	1
FT R173	Fire Service Physical Fitness	2.5
ICA R110	Intercollegiate Cross-Country-Men	3
ICA R120	Intercollegiate Soccer-Men	3
ICA R122	Conditioning for Men's Soccer	0.5-2
ICA R130A	Intercollegiate Basketball-Men/Fall	3
ICA R130B	Intercollegiate Basketball-Men/Spring	2
ICA R132	Conditioning for Men's Basketball	0.5-2
ICA R140	Intercollegiate Baseball-Men	3
ICA R142	Conditioning for Men's Baseball	0.5-2
ICA R160	Intercollegiate Cross Country-Women	3
ICA R162	Conditioning for Cross Country	0.5-2
ICA R165	Conditioning for Athletes	0.5-2
ICA R170	Intercollegiate Soccer-Women	3
ICA R172	Conditioning for Women's Soccer	0.5-2
ICA R180	Intercollegiate Softball-Women	3
ICA R182	Conditioning for Women's Softball	0.5-2
ICA R190A	Intercollegiate Basketball-Women/Fall	3
ICA R190B	Intercollegiate Basketball-Women/Spring	2
ICA R192	Conditioning for Women's Basketball	0.5-2
KIN R120A	Kickboxing for Fitness I	1
KIN R120B	Kickboxing for Fitness II	1
KIN R121A	Boxing for Fitness I	1
KIN R121B	Boxing for Fitness II	1
KIN R122	Self-Defense	2
KIN R123	Escrima/Filipino Martial Arts	1
KIN R124	Jujitsu	1
KIN R140	Walking for Fitness	1
KIN R141	Running for Fitness	1
KIN R142A	Yoga I	1
KIN R142B	Yoga II	1
KIN R143	Pilates Mat	1
KIN R144	Core Stability and Stretch	1
KIN R145A	Body Conditioning Boot Camp I	1
KIN R145B	Body Conditioning Boot Camp II	1

KIN R146A	Weight Training and Conditioning I	1
KIN R146B	Weight Training and Conditioning II	1
KIN R147A	Women's Conditioning I	2
KIN R147B	Women's Conditioning II	2
KIN R148	Power Lifting and Free Weights	1
KIN R162A	Soccer I	1
KIN R162B	Soccer II	1
KIN R163A	Basketball I	1
KIN R163B	Basketball II	1
KIN R164A	Baseball I	1
KIN R164B	Baseball II	1
KIN R165A	Volleyball I	1
KIN R165B	Volleyball II	1

## F. Ethnic/Gender Studies

Complete a minimum of **three** units. Area F applies only to General Studies Majors (Patterns I, II, and III); it is **not** required for other AA/AS degrees.

### Ethnic/Gender Studies:

Course ID	Title	Units/ Hours
ANTH R102	Introduction to Cultural Anthropology	3
or ANTH R102H	Honors: Introduction to Cultural Anthropology	
ANTH R105	Sex, Gender and Culture	3
ANTH R107	The Anthropology of Native Americans	3
ANTH R114	African American Culture and Experience	3
ANTH R119	Introduction to Border Studies	3
BRS R101	Introduction to Border Studies	3
CHST R101	Introduction to Chicana/o Studies	3
CHST R102	Chicana/o Cultural Identity	3
CHST R107	History of Mexicans in the United States	3
CHST R108	Sociology of the Chicano Community	3
ECE R107	Teaching in a Diverse Society	3
ENGL R112	Literature by Women	3
ENGL R124	Introduction to LGBTIQ Literature	3
ENGL R126	Introduction to Chicana/o Literature	3
ENGL R129	Introduction to Latinx Literature	3
ENGL R134	African-American Literature	3
ETHS R107	The Anthropology of Native Americans	3
ETHS R110	Introduction to Social Justice Studies	3
ETHS R114	African American Culture and Experience	3
ETHS R119	Introduction to Border Studies	3
ETHS R134	African-American Literature	3
GEOG R102	World Regional Geography	3
GLST R101	Introduction to Global Studies	3
HED R103	Women's Health	3
HIST R107	History of Mexicans in the United States	3
HIST R108	African-American History	3
HIST R109	History of Mexico	3
HIST R117	History of American Women	3
HIST R124	Sports in American History	3
PSY R107	Sex Roles	3



PSY R110	Human Sexuality	3
PSY R122	Psychology of Gender	3
SJS R110	Introduction to Social Justice Studies	3
SJS R120	Introduction to Women's Studies	3
SJS R130	Introduction to LGBTQ Studies	3
SOC R103	Race and Ethnic Relations	3
SOC R104	Sex Roles	3
SOC R108	Sociology of the Chicano Community	3
SOC R140	Sociology of Gender	3
SPAN R232	Latin American Literature	3
or SPAN R232H	Honors: Latin American Literature	3

## General Studies

The Associate in Arts in General Studies is an interdisciplinary degree, that allows students to choose the general education pattern that aligns with their educational goal, whether that is to complete the AA or to transfer, and also allows students to choose an area of emphasis for their focus.

### Pattern I

This pattern is intended for students who may need to explore possibilities before committing themselves to a major and who may not be planning to transfer to a four-year university. This pattern requires completion of the Oxnard College General Education plan.

- General Studies: Arts and Humanities - Pattern I (p. 335)
- General Studies: Natural Sciences - Pattern I (p. 340)
- General Studies: Social & Behavioral Sciences - Pattern I (p. 343)

### Pattern II

This pattern is intended for students who are planning to transfer to an independent/private or out-of-state college or to a four-year university in a high-unit major, or where completion of CSU GE-Breadth or IGETC is not appropriate or advisable.

- General Studies: Arts and Humanities - Pattern II (p. 337)
- General Studies: Natural Sciences or Mathematics - Pattern II (p. 341)
- General Studies: Social & Behavioral Sciences - Pattern II (p. 345)

### Pattern III

This pattern is intended for students who are planning to transfer to a California public university (UC or CSU) where an ADT is not available or accepted in their chosen major or does not provide adequate preparation. This pattern requires the CSU GE-Breadth or IGETC to fulfill lower-division general education.

- General Studies: Arts and Humanities - Pattern III (p. 338)
- General Studies: Natural Sciences or Mathematics - Pattern III (p. 342)
- General Studies: Social & Behavioral Sciences - Pattern III (p. 347)

## General Studies: Arts and Humanities - Pattern I

The Associate in Arts in General Studies Pattern I with an emphasis in Arts and Humanities degree covers a broad area of study and is intended

for students who may not be planning to transfer to a four-year university or who may need to explore possibilities before committing themselves to a major. The courses that fulfill the Arts and Humanities area of emphasis will examine the cultural activities and artistic expressions of human beings. The courses are designed to develop students' awareness of the ways in which people throughout the ages and in different cultures have responded to themselves and the world around them in artistic and cultural creation and to develop students' aesthetic understanding and ability to make value judgments.

Students are required to:

1. Complete Oxnard College's General Education requirements to include areas A-F.
2. Complete courses in the area of emphasis listed below.
  - a. Complete a minimum of **18 units in the chosen area of emphasis** with a grade of "C" or better (or a "P") in each of the courses selected within the chosen area.
  - b. Complete a minimum of **6 of the 18 units within a single discipline.**
3. Complete a minimum of 60 degree-applicable units.
4. Complete competency requirements in Mathematics and English.
5. Complete requirements in scholarship (2.0 minimum cumulative degree-applicable GPA).
6. Complete residency requirements.
  - a. Students must complete at least 12 semester units in residence at Oxnard College in order to receive a degree from Oxnard College. The same policy applies to all colleges in the district: a minimum of 12 semester units must be completed at the college granting the degree.

**NOTE:** *Students planning to transfer to a four-year university are advised that this curriculum may not adequately prepare them for transfer. General Studies Patterns II and III are designed for transfer students.*

Students will select a minimum of 18 units from the courses below, with a minimum of 6 units in a single discipline.

Course ID	Title	Units/Hours
ART R101	Introduction to Art and Visual Culture	3
ART R102	Western Art I: Prehistory through the Middle Ages	3
ART R102H	Honors: Western Art I: Prehistory through the Middle Ages	3
ART R103	Western Art II: Renaissance to Contemporary	3
ART R103H	Honors: Western Art II: Renaissance to Contemporary	3
ART R104A	Color and Design: 2-D Foundations	3
ART R106A	Drawing and Composition I	3
ART R140	Multicultural Children's Art	3
ART R171	Modern Art	3
ART R172	Art of the Ancient Americas	3
ART R172H	Honors: Art of the Ancient Americas	3
ART R174	Latin American Art	3
ART R174H	Honors: Latin American Art	3
ASL R101	American Sign Language 1	4
ASL R102	American Sign Language 2	4

ASL R103	American Sign Language 3	4	PHIL R114	Social Philosophy	3
ASL R104	American Sign Language 4	4	PHIL R115	Comparative World Religions	3
DANC R100	Dance Appreciation	3	PHIL R115H	Honors: Comparative World Religions	3
ENGL R102	Critical Thinking through Composition and Literature	4	PHIL R116	Contemporary Moral Issues	3
ENGL R102H	Honors: Critical Thinking through Composition and Literature	4	SPAN R100	Elementary Spanish I	4
ENGL R103	Creative Writing	3	SPAN R110	Elementary Spanish II	4
ENGL R104	English Literature I	3	SPAN R200	Intermediate Spanish I	4
ENGL R105	English Literature II	3	SPAN R210	Intermediate Spanish II	4
ENGL R107	American Literature I	3	SPAN R220	Spanish for Heritage Speakers I	4
ENGL R108	American Literature II	3	SPAN R220H	Honors: Spanish for Heritage Speakers I	4
ENGL R111	Shakespeare	3	SPAN R230	Spanish for Heritage Speakers II	4
ENGL R112	Literature by Women	3	SPAN R230H	Honors: Spanish for Heritage Speakers II	4
ENGL R124	Introduction to LGBTIQ Literature	3	SPAN R232	Latin American Literature	3
ENGL R125	Children's Literature	3	SPAN R232H	Honors: Latin American Literature	3
ENGL R126	Introduction to Chicana/o Literature	3	SPAN R234	Latin American and Spanish Film	3
ENGL R129	Introduction to Latinx Literature	3	SPAN R236	Cultures of Latin America	3
ENGL R134	African-American Literature	3	SPAN R236H	Honors: Cultures of Latin America	3
ESL R100	College Writing Preparation for Non-Native Speakers	4	THTR R111	Introduction to Theatre	3
ETHS R134	African-American Literature	3	THTR R151	Acting I	3
FILI R101	Elementary Filipino 1	4	<b>Total Required Major Units</b>		<b>18</b>
FILI R102	Elementary Filipino 2	4	Oxnard College General Education		29
FTVE R100	Introduction to Electronic Media	3	Double-counted Units		- 3-6
FTVE R107	History of Film	3	Free Electives Required		16-19
FTVE R110	Introduction to Media Writing	3	<b>Total Units Required for the A.A. Degree</b>		<b>60</b>
FTVE R130	Beginning Single Camera Production	3			
FTVE R135	Beginning TV Studio Production	3			
FTVE R155	Advanced Studio Production	3			
HIST R109	History of Mexico	3			
HIST R117	History of American Women	3			
HIST R126	History of Latin America	3			
HIST R150	World History I	3			
HIST R150H	Honors: World History I	3			
HIST R160	World History II	3			
HIST R160H	Honors: World History II	3			
MUS R101	Fundamentals of Music	3			
MUS R103	Music Appreciation	3			
MUS R109	Music of Latin America	3			
MUS R116	History of Rock Music	3			
MUS R130	Understanding Music and Dance for Elementary Education	3			
PHIL R101	Introduction to Philosophy	3			
PHIL R101H	Honors: Introduction to Philosophy	3			
PHIL R102	Introduction to Ethics	3			
PHIL R102H	Honors: Introduction to Ethics	3			
PHIL R103	Survey of World Religions: East	3			
PHIL R104	Survey of World Religions: West	3			
PHIL R105	History of Ancient and Medieval Philosophy	3			
PHIL R106	History of Modern Philosophy	3			
PHIL R108	World Mythology	3			
PHIL R110	Philosophy of Religion	3			

Upon successful completion of this program, students will be able to:

- Describe the theoretical concepts and aesthetics of human expression in the Arts.
- Identify and discuss (in a way that demonstrates broad-based knowledge) at least two major contributions to knowledge and society by key people within one or more disciplines in the Arts.
- Describe the historical and cultural context of a Western or non-Western movement in the visual arts, design, music, dance, theatre, television, or film.
- Express understanding and appreciation of varieties of cultural and artistic expression.
- Identify values of culture and community as expressed through art.
- Explain how artistic works, both historic and contemporary, are individual expressions of the culture and history of their creation.
- Analyze and describe how one's own artistic work blends personal vision, sociocultural background, ethical values, and aesthetic judgment.
- Demonstrate factual knowledge of the emergence and development of a set of ideas, an artistic form or medium, or a religious, philosophical, or artistic tradition.
- Apply a methodological approach to scholarly analysis and critical assessment of the artistic and intellectual creations of Western and non-western cultures, for academic disciplines in the humanities.
- Assess the effectiveness and value of a given cultural artifact using standards appropriate to the medium and cultural origin of the work.
- Make clear, well organized, and substantive written and oral presentations.
- Read, comprehend and communicate at the beginning or intermediate level of a target language.

- Participate in informed discourse on topics involving art, architecture, language, literature, politics and current events, history, ethnography, geography, religion, philosophy, music, or theater.

## General Studies: Arts and Humanities - Pattern II

The Associate in Arts in General Studies Pattern II with an emphasis in Arts and Humanities is intended for students who are planning to transfer to a four-year university in high-unit majors or where completion of CSU GE-Breadth or IGETC is not appropriate or advisable. Independent or out-of-state universities may also fall in this category. See [www.assist.org](http://www.assist.org) (<http://www.assist.org>) or a counselor for guidance.

The Arts and Humanities are of emphasis will examine the cultural activities and artistic expressions of human beings. The courses are designed to develop students' awareness of the ways in which people throughout the ages and in different cultures have responded to themselves and the world around them in artistic and cultural creation and to develop students' aesthetic understanding and ability to make value judgments.

This emphasis enables the student to take courses that will satisfy lower division major preparation requirements for areas within the fields of Fine Arts, Performing Arts, English, Modern Languages, Music, and Philosophy.

Students are required to:

- Select and complete courses from the general education of a transfer institution to include, at a minimum, the following Title 5 requirements
  - Natural Sciences (3 units)
  - Social and Behavioral Sciences (3 units)
  - Arts and Humanities (3 units)
  - Language and Rationality – English Composition (3 units)
  - Communication and Analytical Thinking (3 units)
  - Three additional units from any of the above areas (3 units)
- Complete local graduation requirements to include:
  - Health Education** (one course/no unit minimum): **HED** R101, R102, R103, R104, R105, R113, R114; **EMT** R109, R169; **FT** R090; **KIN** R100
  - Physical Education/Kinesiology** (one course/no unit minimum): **DANC** R102A, R102B, R104A, R104B, R110A, R1110B, R112A, R112B; **FT** R073, any Kinesiology (KIN) activity course, or any Intercollegiate Athletics course (ICA)
  - Ethnic/Gender Studies** (a minimum of 3 units): **ANTH** R102, R102H, R105, R107, R114, R119; **BRS** R101, **CHST** R101, R102, R107, R108; **ECE** R107; **ENGL** R112, R124, R126, R129, R134; **ETHS** R107, R110, R114, R119, R134; **GEOG** R102; **GLST** R101; **HED** R103; **HIST** R107, R108, R109, R117, R124; **PSY** R107, R110, R122; **SJS** R110, R120, R130; **SOC** R103, R04, R108, R140; **SPAN** R232, R232H
- Complete courses in the area of emphasis listed below.
  - Complete a minimum of **18 units in the chosen area of emphasis** with a grade of "C" or better (or a "P") in each of the courses selected within the chosen area.
  - Complete a minimum of **6 of the 18 units within a single discipline**.
- Complete a minimum of 60 transferable units.
- Complete competency requirements in Mathematics and English
- Complete requirements in scholarship (2.0 minimum cumulative degree-applicable GPA)
- Complete residency requirements.

Students must complete at least 12 semester units in residence at Oxnard College in order to receive a degree from Oxnard College. The same policy applies to all colleges in the district: a minimum of 12 semester units must be completed at the college granting the degree.

Students will select a minimum of 18 units from the courses below, with a minimum of 6 units in a single discipline.

Course ID	Title	Units/Hours
ART R102	Western Art I: Prehistory through the Middle Ages	3
ART R102H	Honors: Western Art I: Prehistory through the Middle Ages	3
ART R103	Western Art II: Renaissance to Contemporary	3
ART R103H	Honors: Western Art II: Renaissance to Contemporary	3
ART R104A	Color and Design: 2-D Foundations	3
ART R104B	Color Theory	3
ART R106A	Drawing and Composition I	3
ART R106B	Drawing and Composition II	3
ART R108A	Beginning Oil Painting	3
ART R110A	Beginning Acrylic Painting	3
ART R126A	Life Drawing I	3
ART R160	Introduction to Digital Photography	3
ART R171	Modern Art	3
ART R172	Art of the Ancient Americas	3
ART R172H	Honors: Art of the Ancient Americas	3
ART R174	Latin American Art	3
ART R174H	Honors: Latin American Art	3
ART R175	Introduction to Digital Art	3
ART R180	3-D Foundations	3
ENGL R103	Creative Writing	3
ENGL R104	English Literature I	3
ENGL R105	English Literature II	3
ENGL R107	American Literature I	3
ENGL R108	American Literature II	3
ENGL R111	Shakespeare	3
MUS R107A	Class Piano I	2
MUS R107B	Class Piano II	2
MUS R107C	Class Piano III	2
MUS R107D	Class Piano IV	2
MUS R118A	Guitar I	2
MUS R118B	Guitar II	2
MUS R118C	Guitar III	2
MUS R118D	Guitar IV	2
MUS R126	Mariachi Ensemble	1
PHIL R102	Introduction to Ethics	3
PHIL R102H	Honors: Introduction to Ethics	3
PHIL R105	History of Ancient and Medieval Philosophy	3

PHIL R106	History of Modern Philosophy	3
PHIL R107	Introduction to Logic	3
PHIL R111	Critical Thinking and Analytic Writing	3
PHIL R115	Comparative World Religions	3
PHIL R115H	Honors: Comparative World Religions	3
SPAN R100	Elementary Spanish I	4
SPAN R110	Elementary Spanish II	4
SPAN R200	Intermediate Spanish I	4
SPAN R210	Intermediate Spanish II	4
SPAN R220	Spanish for Heritage Speakers I	4
SPAN R220H	Honors: Spanish for Heritage Speakers I	4
SPAN R230	Spanish for Heritage Speakers II	4
SPAN R230H	Honors: Spanish for Heritage Speakers II	4
THTR R111	Introduction to Theatre	3
THTR R151	Acting I	3
<b>Total Required Major Units</b>		<b>18</b>
Title 5 Minimum General Education		18
Double-counted Units		- 3-6
Free Electives Required		27-30
<b>Total Units Required for A.A. Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Demonstrate an appreciation of human expression through fine and performing arts.
- Demonstrate knowledge of the language and content of one or more artistic forms: visual arts, music, theatre, dance, film/television, writing, digital arts.
- Identify and discuss (in a way that demonstrates broad-based knowledge within one or more disciplines) at least two different individuals or movements from a list of historical and contemporary artists, musicians, dancers/choreographers, playwrights, and/or directors, media producers and script writers including Western and non-Western examples.
- Demonstrate an understanding of the arts and humanities, including historical context and interrelationships with other disciplines.
- Express understanding and appreciation of varieties of cultural and artistic expression.
- Explain how artistic (and literary) works from past and present civilizations are individual expressions of cultural, historical, and intellectual forces.
- Identify values of their culture and community as expressed through art.
- Understand the complex blend of personal vision, social-cultural background, ethical values and aesthetic judgment in their own artistic work.
- Demonstrate factual knowledge of the emergence and development of a set of ideas, an artistic form or medium, or a religious, philosophical, or artistic tradition.
- Apply a methodological approach to scholarly analysis and critical assessment of the artistic and intellectual creations of Western and non-western cultures, for academic disciplines in the humanities.
- Assess the effectiveness and value of a given cultural artifact using standards appropriate to the medium and cultural origin of the work.
- Make clear, well organized, and substantive written and oral presentations.

- Read, comprehend and communicate at the beginning or intermediate level of a target language.
- Participate in informed discourse on topics involving art, architecture, language, literature, politics and current events, history, ethnography, geography, religion, philosophy, music, or theater.

## General Studies: Arts and Humanities - Pattern III

The Associate in Arts in General Studies Pattern III with an emphasis in Arts and Humanities is intended for students who are planning to transfer to a California public four-year university (UC or CSU) and plan to use the CSU GE-Breadth or IGETC to fulfill their lower-division general education.

The Arts and Humanities are of emphasis will examine the cultural activities and artistic expressions of human beings. The courses are designed to develop students' awareness of the ways in which people throughout the ages and in different cultures have responded to themselves and the world around them in artistic and cultural creation and to develop students' aesthetic understanding and ability to make value judgments.

This emphasis enables the student to take courses that will satisfy lower division major preparation requirements for areas within the fields of Fine Arts, Performing Arts, English, Modern Languages, Music, and Philosophy.

Students are required to:

1. Complete either the CSU GE-Breadth or IGETC
2. Complete local graduation requirements to include:
  - a. **Health Education** (one course/no unit minimum): **HEd** R101, R102, R103, R104, R105, R107, R113, R114; **EMT** R109, R169; **FT** R090; **KIN** R100
  - b. **Physical Education/Kinesiology** (one course/no unit minimum): **DANC** R102A, R102B, R104A, R104B, R110A, R1110B, R112A, R112B; **FT** R073, any Kinesiology (KIN) activity course, or Intercollegiate Athletics course (ICA)
  - c. **Ethnic/Gender Studies** (a minimum of 3 units): **ANTH** R102, R102H, R105, R107, R114, R119; **BRS** R101, **CHST** R101, R102, R107, R108; **ECE** R107; **ENGL** R112, R124, R126, R129, R134; **ETHS** R107, R110, R114, R119, R134; **GEOG** R102; **GLST** R101; **HEd** R103; **HIST** R107, R108, R109, R117, R124; **PSY** R107, R110, R122; **SJS** R110, R120, R130; **SOc** R103, R04, R108, R140; **SPAN** R232, R232H
3. Complete courses in the area of emphasis listed below.
  - a. Complete a minimum of 18 units in the chosen area of emphasis with a grade of "C" or better (or a "P") in each of the courses selected within the chosen area.
  - b. Complete a minimum of 6 of the 18 units within a single discipline.
4. Complete a minimum of 60 transferable units.
5. Complete competency requirements in Mathematics and English
6. Complete requirements in scholarship (2.0 minimum cumulative degree-applicable GPA)
7. Complete residency requirements.

Students must complete at least 12 semester units in residence at Oxnard College in order to receive a degree from Oxnard College. The

same policy applies to all colleges in the district: a minimum of 12 semester units must be completed at the college granting the degree.

Students will select a minimum of 18 units from the courses below, with a minimum of 6 units in a single discipline.

Course ID	Title	Units/Hours
ART R102	Western Art I: Prehistory through the Middle Ages	3
ART R102H	Honors: Western Art I: Prehistory through the Middle Ages	3
ART R103	Western Art II: Renaissance to Contemporary	3
ART R103H	Honors: Western Art II: Renaissance to Contemporary	3
ART R104A	Color and Design: 2-D Foundations	3
ART R104B	Color Theory	3
ART R106A	Drawing and Composition I	3
ART R106B	Drawing and Composition II	3
ART R108A	Beginning Oil Painting	3
ART R110A	Beginning Acrylic Painting	3
ART R126A	Life Drawing I	3
ART R160	Introduction to Digital Photography	3
ART R171	Modern Art	3
ART R172	Art of the Ancient Americas	3
ART R172H	Honors: Art of the Ancient Americas	3
ART R174	Latin American Art	3
ART R174H	Honors: Latin American Art	3
ART R175	Introduction to Digital Art	3
ART R180	3-D Foundations	3
ENGL R103	Creative Writing	3
ENGL R104	English Literature I	3
ENGL R105	English Literature II	3
ENGL R107	American Literature I	3
ENGL R108	American Literature II	3
ENGL R111	Shakespeare	3
MUS R107A	Class Piano I	2
MUS R107B	Class Piano II	2
MUS R107C	Class Piano III	2
MUS R107D	Class Piano IV	2
MUS R118A	Guitar I	2
MUS R118B	Guitar II	2
MUS R118C	Guitar III	2
MUS R118D	Guitar IV	2
MUS R126	Mariachi Ensemble	1
PHIL R102	Introduction to Ethics	3
PHIL R102H	Honors: Introduction to Ethics	3
PHIL R105	History of Ancient and Medieval Philosophy	3
PHIL R106	History of Modern Philosophy	3
PHIL R107	Introduction to Logic	3
PHIL R111	Critical Thinking and Analytic Writing	3
PHIL R115	Comparative World Religions	3
PHIL R115H	Honors: Comparative World Religions	3

SPAN R100	Elementary Spanish I	4
SPAN R110	Elementary Spanish II	4
SPAN R200	Intermediate Spanish I	4
SPAN R210	Intermediate Spanish II	4
SPAN R220	Spanish for Heritage Speakers I	4
SPAN R220H	Honors: Spanish for Heritage Speakers I	4
SPAN R230	Spanish for Heritage Speakers II	4
SPAN R230H	Honors: Spanish for Heritage Speakers II	4
THTR R111	Introduction to Theatre	3
THTR R151	Acting I	3
<b>Total Required Major Units</b>		<b>18</b>
CSU GE-Breadth		39
Health (can be taken in CSU GE area E)		3
Kinesiology Activity		1
Ethnic/Gender Studies		3
Double-counted Units		- 0-9
Free Electives Required		0-5
<b>Total Units Required for A.A. Degree</b>		<b>60-64</b>
OR		
<b>Total Required Major Units</b>		<b>18</b>
IGETC		37
Health		3
Kinesiology Activity		1
Ethnic/Gender Studies		3
Double-counted Units		- 0-9
Free Electives Required		0-7
<b>Total Units Required for A.A. Degree</b>		<b>60-62</b>

Upon successful completion of this program, students will be able to:

- Demonstrate an appreciation of human expression through fine and performing arts.
- Demonstrate knowledge of the language and content of one or more artistic forms: visual arts, music, theatre, dance, film/television, writing, digital arts.
- Identify and discuss (in a way that demonstrates broad-based knowledge within one or more disciplines) at least two different individuals or movements from a list of historical and contemporary artists, musicians, dancers/choreographers, playwrights, and/or directors, media producers and script writers including Western and non-Western examples.
- Demonstrate an understanding of the arts and humanities, including historical context and interrelationships with other disciplines.
- Express understanding and appreciation of varieties of cultural and artistic expression.
- Explain how artistic (and literary) works from past and present civilizations are individual expressions of cultural, historical, and intellectual forces.
- Identify values of their culture and community as expressed through art.
- Understand the complex blend of personal vision, social-cultural background, ethical values and aesthetic judgment in their own artistic work.
- Demonstrate factual knowledge of the emergence and development of a set of ideas, an artistic form or medium, or a religious, philosophical, or artistic tradition.



- Apply a methodological approach to scholarly analysis and critical assessment of the artistic and intellectual creations of Western and non-western cultures, for academic disciplines in the humanities.
- Assess the effectiveness and value of a given cultural artifact using standards appropriate to the medium and cultural origin of the work.
- Make clear, well organized, and substantive written and oral presentations.
- Read, comprehend and communicate at the beginning or intermediate level of a target language.
- Participate in informed discourse on topics involving art, architecture, language, literature, politics and current events, history, ethnography, geography, religion, philosophy, music, or theater.

## General Studies: Natural Sciences - Pattern I

The Associate in Arts in General Studies Pattern I with an emphasis in Natural Sciences degree covers a broad area of study and is intended for students who may not be planning to transfer to a four-year university or who may need to explore possibilities before committing themselves to a major. The courses that fulfill the Natural Sciences area of emphasis will examine the physical universe, its' life forms and natural phenomena. The courses are designed to develop students' appreciation and understanding of the scientific method, and encourage an understanding of the relationships between science and other human activities.

Students are required to:

1. Complete Oxnard College's General Education requirements to include areas A-F
2. Choose an area of emphasis from one of three categories listed below.
  - a. Complete a minimum of **18 units in the chosen area of emphasis** with a grade of "C" or better (or a "P") in each of the courses selected within the chosen area.
  - b. Complete a minimum of **6 of the 18 units within a single discipline.**
3. Complete a minimum of 60 degree-applicable units.
4. Complete competency requirements in Mathematics and English
5. Complete requirements in scholarship (2.0 minimum cumulative degree-applicable GPA)
6. Complete residency requirements.
  - a. Students must complete at least 12 semester units in residence at Oxnard College in order to receive a degree from Oxnard College. The same policy applies to all colleges in the district: a minimum of 12 semester units must be completed at the college granting the degree.

**NOTE:** Students planning to transfer to a four-year university are advised that this curriculum may not adequately prepare them for transfer. General Studies Patterns II and III are designed for transfer students.

Students will select a minimum of 18 units from the courses below, with a minimum of 6 units in a single discipline.

Course ID	Title	Units/ Hours
ANAT R101	General Human Anatomy	4
ANTH R101	Introduction to Biological Anthropology	3

ANTH R101H	Honors: Introduction to Biological Anthropology	3
ANTH R101L	Introduction to Biological Anthropology Lab	1
ANTH R118	Introduction to Forensic Science	3
AST R101	Introduction to Astronomy	3
AST R101L	Astronomy Laboratory	1
BIOL R100	Marine Biology	3
BIOL R100L	Marine Biology Laboratory	1
BIOL R101	General Biology	3
BIOL R101H	Honors: General Biology	3
BIOL R101L	General Biology Laboratory	1
BIOL R120	Principles of Biology I	4
BIOL R120L	Principles of Biology I Lab: Intro to Cellular and Molecular Biology	1
BIOL R122	Principles of Biology II	4
BIOL R122L	Principles of Biology II Laboratory	1
BIOL R155	Principles of Botany	3
BIOL R155L	Principles of Botany Laboratory	1
BIOL R170	Biological Marine Resource Management	1
CHEM R104	General, Organic, and Biological Chemistry	5
CHEM R110	Elementary Chemistry	5
CHEM R112	Elementary Organic and Biological Chemistry	5
CHEM R120	General Chemistry I	5
CHEM R122	General Chemistry II	5
CHEM R130	Organic Chemistry I	5
CHEM R132	Organic Chemistry II	5
ESRM R100	Introduction to Environmental Science	3
ESRM R100L	Introduction to Environmental Science Laboratory	1
GEOG R101	Elements of Physical Geography	3
GEOG R101L	Physical Geography Laboratory	1
GEOG R103	Introduction to Weather and Climate	3
GEOL R101	Physical Geology	3
GEOL R101L	Physical Geology Laboratory	1
GEOL R103	Introduction to Oceanography	3
GEOL R103L	Introduction to Oceanography Laboratory	1
GEOL R114	Historical Geology	3
GEOL R114L	Historical Geology Laboratory	1
GEOL R121	Earth Science with Laboratory	4
GEOL R130	Environmental Geology	3
MICR R100	Principles of Microbiology	3
MICR R100L	Principles of Microbiology Laboratory	2
MST R100	Marine Biology	3
MST R100L	Marine Biology Laboratory	1
MST R103	Introduction to Oceanography	3
MST R103L	Introduction to Oceanography Laboratory	1
PHSC R170	Concepts in Physical Science	4
PHSO R101	Human Physiology	5
PHYS R101	College Physics 1	4
PHYS R101L	College Physics 1 Laboratory	1
PHYS R102	College Physics 2	4
PHYS R102L	College Physics 2 Laboratory	1

PHYS R121	Physics with Calculus 1	5
PHYS R122	Physics with Calculus 2	5
PHYS R131	Physics for Scientists and Engineers 1	5
PHYS R132	Physics for Scientists and Engineers 2	5
PHYS R133	Physics for Scientists and Engineers 3	5
PSY R105	Introduction to Physiological Psychology	3
<b>Total Required Major Units</b>		<b>18</b>
Oxnard College General Education		29
Double-counted Units		- 3-6
Free Electives Required		16-19
<b>Total Units Required for the A.A. Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Utilize critical thinking skills in evaluating reports of scientific information regarding source, bias, and the scientific method.
- Demonstrate an understanding and appreciation of the scientific method
- Express an understanding of the relationships between science and other human activities which may include recognizing components of scientific decision making and apply personal and social values within the process of decision making in scientific endeavors.
- Apply appropriate quantitative and qualitative methods to interpret and analyze pertinent data.

## General Studies: Natural Sciences or Mathematics - Pattern II

The Associate in Arts in General Studies Pattern II with an emphasis in Natural Sciences or Mathematics is intended for students who are planning to transfer to a four-year university in high-unit majors or where completion of CSU GE-Breadth or IGETC is not appropriate or advisable. Independent or out-of-state universities may also fall in this category. See [www.assist.org](http://www.assist.org) (<http://www.assist.org/>) or a counselor for guidance.

The courses that fulfill the Natural Sciences or Mathematics area of emphasis will examine the physical universe, its' life forms and natural phenomena. The courses are designed to develop students' appreciation and understanding of the scientific method, and encourage an understanding of the relationships between science and other human activities.

This emphasis enables the student to take courses that will satisfy lower division major preparation requirements for areas including, but not limited to Allied Health, Biology, Chemistry, Environmental Science, Geological Sciences, Geography, Health Sciences, Mathematics, Nursing, Physics, and Pre-Medicine.

Students are required to:

1. Select and complete courses from the general education of a transfer institution to include, at a minimum, the following Title 5 requirements:
  - a. Natural Sciences (3 units)
  - b. Social and Behavioral Sciences (3 units)
  - c. Arts and Humanities (3 units)
  - d. Language and Rationality – English Composition (3 units)
  - e. Communication and Analytical Thinking (3 units)
  - f. Three additional units from any of the above areas (3 units)

2. Complete local graduation requirements to include:
  - a. **Health Education** (one course/no unit minimum): **HED** R101, R102, R103, R104, R105, R107, R113, R114; **EMT** R109, R169; **FT** R090; **KIN** R100
  - b. **Physical Education/Kinesiology** (one course/no unit minimum): **DANC** R102A, R102B, R104A, R104B, R110A, R1110B, R112A, R112B; **FT** R073, any Kinesiology (KIN) activity course, or any Intercollegiate Athletics course (ICA)
  - c. **Ethnic/Gender Studies** (a minimum of 3 units): **ANTH** R102, R102H, R105, R107, R114, R119; **BRS** R101, **CHST** R101, R102, R107, R108; **ECE** R107; **ENGL** R112, R124, R126, R129, R134; **ETHS** R107, R110, R114, R119, R134; **GEOG** R102; **GLST** R101; **HED** R103; **HIST** R107, R108, R109, R117, R124; **PSY** R107, R110, R122; **SJS** R110, R120, R130; **SOC** R103, R04, R108, R140; **SPAN** R232, R232H
3. Complete courses in the area of emphasis listed below.
  - a. Complete a minimum of **18 units in the chosen area of emphasis** with a grade of "C" or better (or a "P") in each of the courses selected within the chosen area.
  - b. Complete a minimum of **6 of the 18 units within a single discipline.**
4. Complete a minimum of 60 transferable units.
5. Complete competency requirements in Mathematics and English
6. Complete requirements in scholarship (2.0 minimum cumulative degree-applicable GPA)
7. Complete residency requirements.

Students must complete at least 12 semester units in residence at Oxnard College in order to receive a degree from Oxnard College. The same policy applies to all colleges in the district: a minimum of 12 semester units must be completed at the college granting the degree.

Students will select a minimum of 18 units from the courses below, with a minimum of 6 units in a single discipline. For purposes of this degree, ANAT, BIOL, MICR, and PHSO are all considered to be within the single discipline of Biological Sciences.

Course ID	Title	Units/ Hours
ANAT R101	General Human Anatomy	4
ANTH R101	Introduction to Biological Anthropology	3
ANTH R101H	Honors: Introduction to Biological Anthropology	3
ANTH R101L	Introduction to Biological Anthropology Lab	1
AST R101	Introduction to Astronomy	3
AST R101L	Astronomy Laboratory	1
BIOL R120	Principles of Biology I	4
BIOL R120L	Principles of Biology I Lab: Intro to Cellular and Molecular Biology	1
BIOL R122	Principles of Biology II	4
BIOL R122L	Principles of Biology II Laboratory	1
CHEM R104	General, Organic, and Biological Chemistry	5
CHEM R110	Elementary Chemistry	5
CHEM R112	Elementary Organic and Biological Chemistry	5
CHEM R120	General Chemistry I	5
CHEM R122	General Chemistry II	5
CHEM R130	Organic Chemistry I	5

CHEM R132	Organic Chemistry II	5
ESRM R100	Introduction to Environmental Science	3
GEOG R101	Elements of Physical Geography	3
GEOG R101L	Physical Geography Laboratory	1
GEOG R103	Introduction to Weather and Climate	3
GEOL R101	Physical Geology	3
GEOL R101L	Physical Geology Laboratory	1
GEOL R103	Introduction to Oceanography	3
GEOL R103L	Introduction to Oceanography Laboratory	1
GEOL R114	Historical Geology	3
GEOL R114L	Historical Geology Laboratory	1
GEOL R121	Earth Science with Laboratory	4
GEOL R130	Environmental Geology	3
MATH R105	Introductory Statistics	4
MATH R105H	Honors: Introductory Statistics	4
MATH R106	Business Calculus	4
MATH R115	College Algebra	4
MATH R116	College Trigonometry	3
MATH R117	Precalculus and Trigonometry	6
MATH R120	Calculus with Analytic Geometry I	5
MATH R121	Calculus with Analytic Geometry II	5
MATH R122	Calculus with Analytic Geometry III	5
MATH R134	Linear Algebra	3
MATH R143	Differential Equations	3
MATH R148	Programming and Problem-Solving in MATLAB	3
MICR R100 & R100L	Principles of Microbiology and Principles of Microbiology Laboratory	5
PHSO R101	Human Physiology	5
PHYS R101 & R101L	College Physics 1 and College Physics 1 Laboratory	5
PHYS R102 & R102L	College Physics 2 and College Physics 2 Laboratory	5
PHYS R121	Physics with Calculus 1	5
PHYS R122	Physics with Calculus 2	5
PHYS R131	Physics for Scientists and Engineers 1	5
PHYS R132	Physics for Scientists and Engineers 2	5
PHYS R133	Physics for Scientists and Engineers 3	5
<b>Total Required Major Units</b>		<b>18</b>
Title 5 Minimum General Education		18
Double-counted Units		- 3-6
Free Electives Required		27-30
<b>Total Units Required for A.A. Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Utilize critical thinking skills in evaluating reports of scientific information regarding source, bias, and the scientific method.
- Demonstrate an understanding and appreciation of the scientific method
- Express an understanding of the relationships between science and other human activities which may include recognizing components of scientific decision making and apply personal and social values within the process of decision making in scientific endeavors.

- Apply appropriate quantitative and qualitative methods to interpret and analyze pertinent data.

## General Studies: Natural Sciences or Mathematics - Pattern III

The Associate in Arts in General Studies Pattern III with an emphasis in Natural Sciences or Mathematics is intended for students who are planning to transfer to a California public four-year university (UC or CSU) and plan to use the CSU GE-Breadth or IGETC to fulfill their lower-division general education.

The courses that fulfill the Natural Sciences or Mathematics area of emphasis will examine the physical universe, its' life forms and natural phenomena. The courses are designed to develop students' appreciation and understanding of the scientific method, and encourage an understanding of the relationships between science and other human activities.

This emphasis enables the student to take courses that will satisfy lower division major preparation requirements for areas including, but not limited to Allied Health, Biology, Chemistry, Environmental Science, Geological Sciences, Geography, Health Sciences, Mathematics, Nursing, Physics, and Pre-Medicine.

Students are required to:

1. Complete either the CSU GE-Breadth or IGETC
2. Complete local graduation requirements to include:
  - a. **Health Education** (one course/no unit minimum): **HED** R101, R102, R103, R104, R105, R107, R113, R114; **EMT** R109, R169; **FT** R090; **KIN** R100
  - b. **Physical Education/Kinesiology** (one course/no unit minimum): **DANC** R102A, R102B, R104A, R104B, R110A, R1110B, R112A, R112B; **FT** R073, any Kinesiology (**KIN**) activity course, or Intercollegiate Athletics course (ICA)
  - c. **Ethnic/Gender Studies** (a minimum of 3 units): **ANTH** R102, R102H, R105, R107, R114, R119; **BRS** R101, **CHST** R101, R102, R107, R108; **ECE** R107; **ENGL** R112, R124, R126, R129, R134; **ETHS** R107, R110, R114, R119, R134; **GEOG** R102; **GLST** R101; **HED** R103; **HIST** R107, R108, R109, R117, R124; **PSY** R107, R110, R122; **SJS** R110, R120, R130; **SOC** R103, R04, R108, R140: **SPAN** R232, R232H
3. Complete courses in the area of emphasis listed below.
  - a. Complete a minimum of **18 units in the chosen area of emphasis** with a grade of "C" or better (or a "P") in each of the courses selected within the chosen area.
  - b. Complete a minimum of **6 of the 18 units within a single discipline.**
4. Complete a minimum of 60 transferable units.
5. Complete competency requirements in Mathematics and English
6. Complete requirements in scholarship (2.0 minimum cumulative degree-applicable GPA)
7. Complete residency requirements.

Students must complete at least 12 semester units in residence at Oxnard College in order to receive a degree from Oxnard College. The same policy applies to all colleges in the district: a minimum of 12 semester units must be completed at the college granting the degree.

Students will select a minimum of 18 units from the courses below, with a minimum of 6 units in a single discipline. For purposes of this degree, ANAT, BIOL, MICR, and PHSO are all considered to be within the single discipline of Biological Sciences.

Course ID	Title	Units/ Hours
ANAT R101	General Human Anatomy	4
ANTH R101 & R101L	Introduction to Biological Anthropology and Introduction to Biological Anthropology Lab	4
ANTH R101H	Honors: Introduction to Biological Anthropology	3
AST R101 & R101L	Introduction to Astronomy and Astronomy Laboratory	4
BIOL R120 & R120L	Principles of Biology I and Principles of Biology I Lab: Intro to Cellular and Molecular Biology	4
BIOL R122 & R122L	Principles of Biology II and Principles of Biology II Laboratory	4
CHEM R104	General, Organic, and Biological Chemistry	5
CHEM R110	Elementary Chemistry	5
CHEM R112	Elementary Organic and Biological Chemistry	5
CHEM R120	General Chemistry I	5
CHEM R122	General Chemistry II	5
CHEM R130	Organic Chemistry I	5
CHEM R132	Organic Chemistry II	5
ENGR R148	Programming and Problem-Solving in MATLAB	3
ESRM R100	Introduction to Environmental Science	3
GEOG R101 & R101L	Elements of Physical Geography and Physical Geography Laboratory	4
GEOG R103	Introduction to Weather and Climate	3
GEOL R101 & R101L	Physical Geology and Physical Geology Laboratory	4
GEOL R103 & R103L	Introduction to Oceanography and Introduction to Oceanography Laboratory	4
GEOL R114 & R114L	Historical Geology and Historical Geology Laboratory	4
GEOL R121	Earth Science with Laboratory	4
GEOL R130	Environmental Geology	3
MATH R105	Introductory Statistics	4
MATH R105H	Honors: Introductory Statistics	4
MATH R106	Business Calculus	4
MATH R115	College Algebra	4
MATH R116	College Trigonometry	3
MATH R117	Precalculus and Trigonometry	6
MATH R120	Calculus with Analytic Geometry I	5
MATH R121	Calculus with Analytic Geometry II	5
MATH R122	Calculus with Analytic Geometry III	5
MATH R134	Linear Algebra	3
MATH R143	Differential Equations	3
MATH R148	Programming and Problem-Solving in MATLAB	3

MICR R100 & R100L	Principles of Microbiology and Principles of Microbiology Laboratory	4
PHSO R101	Human Physiology	5
PHYS R101 & R101L	College Physics 1 and College Physics 1 Laboratory	5
PHYS R102 & R102L	College Physics 2 and College Physics 2 Laboratory	5
PHYS R121	Physics with Calculus 1	5
PHYS R122	Physics with Calculus 2	5
PHYS R131	Physics for Scientists and Engineers 1	5
PHYS R132	Physics for Scientists and Engineers 2	5
PHYS R133	Physics for Scientists and Engineers 3	5
<b>Total Required Major Units</b>		<b>18</b>
CSU GE-Breadth		39
Health (can be taken in CSU GE area E)		3
Kinesiology Activity		1
Ethnic/Gender Studies		3
Double-counted Units		- 3-10
Free Electives Required		0-6
<b>Total Units Required for the A.A. Degree</b>		<b>60</b>
OR		
<b>Total Required Major Units</b>		<b>18</b>
IGETC		37
Health		3
Kinesiology Activity		1
Ethnic/Gender Studies		3
Double-counted Units		- 3-10
Free Electives Required		1-8
<b>Total Units Required for A.A. Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Utilize critical thinking skills in evaluating reports of scientific information regarding source, bias, and the scientific method.
- Demonstrate an understanding and appreciation of the scientific method
- Express an understanding of the relationships between science and other human activities which may include recognizing components of scientific decision making and apply personal and social values within the process of decision making in scientific endeavors.
- Apply appropriate quantitative and qualitative methods to interpret and analyze pertinent data.

## General Studies: Social & Behavioral Sciences - Pattern I

The Associate in Arts in General Studies Pattern I with an emphasis in Social and Behavioral Sciences degree covers a broad area of study and is intended for students who may not be planning to transfer to a four-year university or who may need to explore possibilities before committing themselves to a major. The courses that fulfill the Social and Behavioral Sciences emphasis will examine people as members of society. The courses are designed to develop students' awareness of the method of inquiry used by the social and behavioral sciences, to stimulate critical thinking about the ways people respond to their

societies, and to promote appreciation of how societies and social subgroups operate.

Students are required to:

1. Complete Oxnard College's General Education requirements to include areas A-F
2. Complete courses in the area of emphasis listed below.
  - a. Complete a minimum of **18 units in the chosen area of emphasis** with a grade of "C" or better (or a "P") in each of the courses selected within the chosen area.
  - b. Complete a minimum of **6 of the 18 units within a single discipline.**
3. Complete a minimum of 60 degree-applicable units.
4. Complete competency requirements in Mathematics and English
5. Complete requirements in scholarship (2.0 minimum cumulative degree-applicable GPA)
6. Complete residency requirements.
  - a. Students must complete at least 12 semester units in residence at Oxnard College in order to receive a degree from Oxnard College. The same policy applies to all colleges in the district: a minimum of 12 semester units must be completed at the college granting the degree.

**NOTE:** *Students planning to transfer to a four-year university are advised that this curriculum may not adequately prepare them for transfer. General Studies Patterns II and III are designed for transfer students.*

Students will select a minimum of 18 units from the courses below, with a minimum of 6 units in a single discipline.

Course ID	Title	Units/ Hours
ADS R131	Abnormal Psychology	3
ANTH R102	Introduction to Cultural Anthropology	3
ANTH R102H	Honors: Introduction to Cultural Anthropology	3
ANTH R103	Introduction to Archaeology	3
ANTH R105	Sex, Gender and Culture	3
ANTH R106	Psychological Anthropology	3
ANTH R107	The Anthropology of Native Americans	3
ANTH R110	People of the World: The Cultures of Globalization and Change	3
ANTH R111	Magic, Witchcraft and Religion: Anthropology of Belief	3
ANTH R111H	Honors: Magic, Witchcraft and Religion: Anthropology of Belief	3
ANTH R113	Ancient Civilizations of the Americas	3
ANTH R114	African American Culture and Experience	3
ANTH R115	Introduction to Language and Culture	3
ANTH R116	Science, Technology, and Human Values	3
ANTH R118	Introduction to Forensic Science	3
ANTH R119	Introduction to Border Studies	3
ASL R110	Introduction to Deaf Studies	3
BRS R101	Introduction to Border Studies	3
CHST R101	Introduction to Chicana/o Studies	3
CHST R102	Chicana/o Cultural Identity	3
CHST R107	History of Mexicans in the United States	3

CHST R108	Sociology of the Chicano Community	3
ECE R102	Child Growth and Development	3
ECE R106	Child, Family and Community	3
ECE R108	The Exceptional Child	3
ECON R100	Introduction to Economics and Contemporary Economics Issues	3
ECON R201	Introduction to the Principles of Microeconomics	3
ECON R201H	Honors: Introduction to the Principles of Microeconomics	3
ECON R202	Introduction to the Principles of Macroeconomics	3
ECON R202H	Honors: Introduction to the Principles of Macroeconomics	3
EDU R122	Introduction to Education	3
ETHS R107	The Anthropology of Native Americans	3
ETHS R110	Introduction to Social Justice Studies	3
ETHS R114	African American Culture and Experience	3
ETHS R119	Introduction to Border Studies	3
FTVE R100	Introduction to Electronic Media	3
GEOG R102	World Regional Geography	3
GEOG R104	Geography of California	3
GEOG R105	Introduction to Human Geography	3
GLST R101	Introduction to Global Studies	3
GLST R102	Global Issues and Problems	3
HIST R104	History of California	3
HIST R107	History of Mexicans in the United States	3
HIST R108	African-American History	3
HIST R109	History of Mexico	3
HIST R110	History of the Middle East	3
HIST R117	History of American Women	3
HIST R124	Sports in American History	3
HIST R125	U.S. Foreign Policy and Covert Action	3
HIST R125H	Honors: U.S. Foreign Policy and Covert Action	3
HIST R126	History of Latin America	3
HIST R130	History of the United States I	3
HIST R130H	Honors: History of the United States I	3
HIST R140	History of the United States II	3
HIST R140H	Honors: History of the United States II	3
HIST R150	World History I	3
HIST R150H	Honors: World History I	3
HIST R160	World History II	3
HIST R160H	Honors: World History II	3
IDS R102	Science, Technology, and Human Values	3
PHIL R114	Social Philosophy	3
POLS R100	Introduction to Politics	3
POLS R101	Government of the United States I: Institutions and Politics	3
POLS R102	Introduction to Law and Society	3
POLS R104	Introduction to International Relations	3
POLS R108	Comparative Politics	3
POLS R120	Political Theory	3



POLS R125	U.S. Foreign Policy and Covert Action	3
POLS R125H	Honors: U.S. Foreign Policy and Covert Action	3
PSY R101	General Psychology	3
PSY R101H	Honors: General Psychology	3
PSY R102	Interpersonal Relations	3
PSY R104	Research Methods in Psychology	3
PSY R107	Sex Roles	3
PSY R108	Developmental Psychology	3
PSY R110	Human Sexuality	3
PSY R111	The Exceptional Child	3
PSY R122	Psychology of Gender	3
PSY R131	Abnormal Psychology	3
SJS R110	Introduction to Social Justice Studies	3
SJS R120	Introduction to Women's Studies	3
SJS R130	Introduction to LGBTQ Studies	3
SOC R101	Introduction to Sociology	3
SOC R101H	Honors: Introduction to Sociology	3
SOC R102	Social Problems	3
SOC R103	Race and Ethnic Relations	3
SOC R104	Sex Roles	3
SOC R106	Contemporary Family in American Society	3
SOC R108	Sociology of the Chicano Community	3
SOC R111	Introduction to Social Research	3
SOC R114	Social Philosophy	3
SOC R116	Crime and Society	3
SOC R119	Introduction to Social Work and Human Services	3
SOC R120	Fieldwork/Practicum: Social Work and Human Services	3
SOC R140	Sociology of Gender	3
URBS R101	Introduction to Urban Studies	3

Upon successful completion of this program, students will be able to:

- Demonstrate an understanding of human behavior, including social interaction and individual behavior in relation to social, cultural, political, psychological, economic, linguistic, biological, physical and other contexts and variables
  - Articulate how societies, cultures and subcultures develop and change over time, and how they influence human behavior within specific contexts, including historic contexts
  - Articulate how decisions are made in economic or political systems
  - Demonstrate ability to utilize the research information technologies, reading abilities and theoretical frameworks that support lifelong learning about the study of human beings and their psychology, their behavior, their social interactions, their cultural diversity and the richness of their human heritages.
  - Apply critical thinking and methods of inquiry, including qualitative and quantitative analysis, appropriate to social science disciplines
  - Communicate clearly ideas and facts regarding the human condition and how humans respond, adapt and intentionally change those conditions
  - Demonstrate an ability to consider the ethics of human behavior and the human impact on planetary conditions and cycles
- Demonstrate the ability to self-assess their learning regarding social science learning outcomes.
  - Articulate the importance of responsible participation in their government, community and society.
  - Identify the skills they have learned in college that prepare them for lifelong learning.
  - Explain the significance of cooperation and peaceful resolution in addressing societal conflicts.

## General Studies: Social & Behavioral Sciences - Pattern II

The Associate in Arts in General Studies Pattern II with an emphasis in Social and Behavioral Sciences degree is intended for students who are planning to transfer to a four-year university in high-unit majors or where completion of CSU GE-Breadth or IGETC is not appropriate or advisable. Independent or out-of-state universities may also fall in this category. See [www.assist.org](http://www.assist.org) (<http://www.assist.org/>) or a counselor for guidance.

The courses that fulfill the Social and Behavioral Sciences area of emphasis will examine people as members of society. The courses are designed to develop students' awareness of the method of inquiry used by the social and behavioral sciences, to stimulate critical thinking about the ways people respond to their societies, and to promote appreciation of how societies and social subgroups operate.

This emphasis enables the student to take courses that will satisfy lower-division major preparation requirements for majors such as Anthropology, Chicana/o Studies, Economics, Geography, Global Studies, History, Political Science, Psychology, and Sociology.

Students are required to:

1. Select and complete courses from the general education of a transfer institution to include, at a minimum, the following Title 5 requirements
  - a. Natural Sciences (3 units)
  - b. Social and Behavioral Sciences (3 units)
  - c. Arts and Humanities (3 units)
  - d. Language and Rationality – English Composition (3 units)
  - e. Communication and Analytical Thinking (3 units)
  - f. Three additional units from any of the above areas (3 units)
2. Complete local graduation requirements to include:
  - a. **Health Education** (one course/no unit minimum): **HED** R101, R102, R103, R104, R105, R113, R114; **EMT** R109, R169; **FT** R090; **KIN** R100
  - b. **Physical Education/Kinesiology** (one course/no unit minimum): **DANC** R102A, R102B, R104A, R104B, R110A, R1110B, R112A, R112B; **FT** R073, any Kinesiology (KIN) activity course, or Intercollegiate Athletics course (ICA)
  - c. **Ethnic/Gender Studies** (a minimum of 3 units): **ANTH** R102, R102H, R105, R107, R114, R119; **BRS** R101, **CHST** R101, R102, R107, R108; **ECE** R107; **ENGL** R112, R124, R126, R129, R134; **ETHS** R107, R110, R114, R119, R134; **GEOG** R102; **GLST** R101; **HED** R103; **HIST** R107, R108, R109, R117, R124; **PSY** R107, R110, R122; **SJS** R110, R120, R130; **SOC** R103, R04, R108, R140; **SPAN** R232, R232H
3. Complete courses in the area of emphasis listed below.

- a. Complete a minimum of **18 units in the chosen area of emphasis** with a grade of "C" or better (or a "P") in each of the courses selected within the chosen area.
- b. Complete a minimum of **6 of the 18 units within a single discipline.**
4. Complete a minimum of 60 transferable units.
5. Complete competency requirements in Mathematics and English
6. Complete requirements in scholarship (2.0 minimum cumulative degree-applicable GPA)
7. Complete residency requirements.

Students must complete at least 12 semester units in residence at Oxnard College in order to receive a degree from Oxnard College. The same policy applies to all colleges in the district: a minimum of 12 semester units must be completed at the college granting the degree.

Students will select a minimum of 18 units from the courses below, with a minimum of 6 units in a single discipline.

Course ID	Title	Units/ Hours
ANTH R102	Introduction to Cultural Anthropology	3
ANTH R102H	Honors: Introduction to Cultural Anthropology	3
ANTH R103	Introduction to Archaeology	3
ANTH R114	African American Culture and Experience	3
ANTH R115	Introduction to Language and Culture	3
ANTH R119	Introduction to Border Studies	3
BRS R101	Introduction to Border Studies	3
CHST R101	Introduction to Chicana/o Studies	3
CHST R102	Chicana/o Cultural Identity	3
CHST R107	History of Mexicans in the United States	3
CHST R108	Sociology of the Chicano Community	3
ECON R201	Introduction to the Principles of Microeconomics	3
ECON R201H	Honors: Introduction to the Principles of Microeconomics	3
ECON R202	Introduction to the Principles of Macroeconomics	3
ECON R202H	Honors: Introduction to the Principles of Macroeconomics	3
ETHS R114	African American Culture and Experience	3
ETHS R119	Introduction to Border Studies	3
GEOG R101	Elements of Physical Geography	3
GEOG R101L	Physical Geography Laboratory	1
GEOG R102	World Regional Geography	3
GEOG R103	Introduction to Weather and Climate	3
GEOG R105	Introduction to Human Geography	3
GEOG R106	Introduction to Geographic Information Systems	3
GLST R101	Introduction to Global Studies	3
GLST R102	Global Issues and Problems	3
HIST R107	History of Mexicans in the United States	3
HIST R108	African-American History	3
HIST R130	History of the United States I	3
HIST R130H	Honors: History of the United States I	3

HIST R140	History of the United States II	3
HIST R140H	Honors: History of the United States II	3
HIST R150	World History I	3
HIST R150H	Honors: World History I	3
HIST R160	World History II	3
HIST R160H	Honors: World History II	3
MATH R105	Introductory Statistics	4
MATH R105H	Honors: Introductory Statistics	4
MATH R106	Business Calculus	4
MATH R120	Calculus with Analytic Geometry I	5
POLS R100	Introduction to Politics	3
POLS R101	Government of the United States I: Institutions and Politics	3
POLS R102	Introduction to Law and Society	3
POLS R104	Introduction to International Relations	3
POLS R108	Comparative Politics	3
POLS R120	Political Theory	3
PSY R101	General Psychology	3
PSY R101H	Honors: General Psychology	3
PSY R102	Interpersonal Relations	3
PSY R103	Beginning Statistics for Behavioral Science	3
PSY R104	Research Methods in Psychology	3
PSY R105	Introduction to Physiological Psychology	3
PSY R108	Developmental Psychology	3
SJS R120	Introduction to Women's Studies	3
SOC R101	Introduction to Sociology	3
SOC R101H	Honors: Introduction to Sociology	3
SOC R102	Social Problems	3
SOC R103	Race and Ethnic Relations	3
SOC R108	Sociology of the Chicano Community	3
SOC R111	Introduction to Social Research	3
SOC R125	Statistics for the Behavioral and Social Sciences	3
SPAN R232	Latin American Literature	3
SPAN R232H	Honors: Latin American Literature	3
<b>Total Required Major Units</b>		<b>18</b>
Title 5 Minimum General Education		18
Double-counted Units		- 3-6
Free Electives Required		27-30
<b>Total Units Required for A.A. Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Demonstrate an understanding of human behavior, including social interaction and individual behavior in relation to social, cultural, political, psychological, economic, linguistic, biological, physical and other contexts and variables
- Articulate how societies, cultures and subcultures develop and change over time, and how they influence human behavior within specific contexts, including historic contexts
- Articulate how decisions are made in economic or political systems
- Demonstrate ability to utilize the research information technologies, reading abilities and theoretical frameworks that support lifelong learning about the study of human beings and their psychology, their

behavior, their social interactions, their cultural diversity and the richness of their human heritages.

- Apply critical thinking and methods of inquiry, including qualitative and quantitative analysis, appropriate to social science disciplines
- Communicate clearly ideas and facts regarding the human condition and how humans respond, adapt and intentionally change those conditions
- Demonstrate an ability to consider the ethics of human behavior and the human impact on planetary conditions and cycles
- Demonstrate the ability to self-assess their learning regarding social science learning outcomes.
- Articulate the importance of responsible participation in their government, community and society.
- Identify the skills they have learned in college that prepare them for lifelong learning.
- Explain the significance of cooperation and peaceful resolution in addressing societal conflicts.

## General Studies: Social & Behavioral Sciences - Pattern III

The Associate in Arts in General Studies Pattern III with an emphasis in Social and Behavioral Sciences degree is intended for students who are planning to transfer a California public four-year university (UC or CSU) and plan to use the CSU GE-Breadth or IGETC to fulfill their lower-division general education.

The courses that fulfill the Social and Behavioral Sciences area of emphasis will examine people as members of society. The courses are designed to develop students' awareness of the method of inquiry used by the social and behavioral sciences, to stimulate critical thinking about the ways people respond to their societies, and to promote appreciation of how societies and social subgroups operate.

This emphasis enables the student to take courses that will satisfy lower-division major preparation requirements for majors such as Anthropology, Chicana/o Studies, Economics, Geography, Global Studies, History, Political Science, Psychology, and Sociology.

1. Complete either the CSU GE-Breadth or IGETC
2. Complete local graduation requirements to include:
  - a. **Health Education** (one course/no unit minimum): **HED** R101, R102, R103, R104, R105, R107, R113, R114; **EMT** R109, R169; **FT** R090; **KIN** R100
  - b. **Physical Education/Kinesiology** (one course/no unit minimum) **DANC** R102A, R102B, R104A, R104B, R110A, R110B, R112A, R112B; **FT** R073, any Kinesiology (KIN) activity course, or Intercollegiate Athletics course (ICA)
  - c. **Ethnic/Gender Studies** (a minimum of 3 units): **ANTH** R102, R102H, R105, R107, R114, R119; **BRS** R101, **CHST** R101, R102, R107, R108; **ECE** R107; **ENGL** R112, R124, R126, R129, R134; **ETHS** R107, R110, R114, R119, R134; **GEOG** R102; **GLST** R101; **HED** R103; **HIST** R107, R108, R109, R117, R124; **PSY** R107, R110, R122; **SJS** R110, R120, R130; **SOC** R103, R04, R108, R140; **SPAN** R232, R232H
3. Complete courses in the area of emphasis listed below.
  - a. Complete a minimum of **18 units in the chosen area of emphasis** with a grade of "C" or better (or a "P") in each of the courses selected within the chosen area.

- b. Complete a minimum of **6 of the 18 units within a single discipline.**

4. Complete a minimum of 60 transferable units.
5. Complete competency requirements in Mathematics and English
6. Complete requirements in scholarship (2.0 minimum cumulative degree-applicable GPA)
7. Complete residency requirements.

Students must complete at least 12 semester units in residence at Oxnard College in order to receive a degree from Oxnard College. The same policy applies to all colleges in the district: a minimum of 12 semester units must be completed at the college granting the degree.

Students will select a minimum of 18 units from the courses below, with a minimum of 6 units in a single discipline.

Course ID	Title	Units/Hours
ANTH R102	Introduction to Cultural Anthropology	3
ANTH R102H	Honors: Introduction to Cultural Anthropology	3
ANTH R103	Introduction to Archaeology	3
ANTH R114	African American Culture and Experience	3
ANTH R115	Introduction to Language and Culture	3
ANTH R119	Introduction to Border Studies	3
BRS R101	Introduction to Border Studies	3
CHST R101	Introduction to Chicana/o Studies	3
CHST R102	Chicana/o Cultural Identity	3
CHST R107	History of Mexicans in the United States	3
ECON R201	Introduction to the Principles of Microeconomics	3
ECON R201H	Honors: Introduction to the Principles of Microeconomics	3
ECON R202	Introduction to the Principles of Macroeconomics	3
ECON R202H	Honors: Introduction to the Principles of Macroeconomics	3
ETHS R114	African American Culture and Experience	3
ETHS R119	Introduction to Border Studies	3
GEOG R101	Elements of Physical Geography	3
GEOG R101L	Physical Geography Laboratory	1
GEOG R102	World Regional Geography	3
GEOG R103	Introduction to Weather and Climate	3
GEOG R105	Introduction to Human Geography	3
GEOG R106	Introduction to Geographic Information Systems	3
GLST R101	Introduction to Global Studies	3
GLST R102	Global Issues and Problems	3
HIST R107	History of Mexicans in the United States	3
HIST R108	African-American History	3
HIST R130	History of the United States I	3
HIST R130H	Honors: History of the United States I	3
HIST R140	History of the United States II	3
HIST R140H	Honors: History of the United States II	3
HIST R150	World History I	3
HIST R150H	Honors: World History I	3

HIST R160	World History II	3
HIST R160H	Honors: World History II	3
MATH R105	Introductory Statistics	4
MATH R105H	Honors: Introductory Statistics	4
MATH R106	Business Calculus	4
MATH R120	Calculus with Analytic Geometry I	5
POLS R100	Introduction to Politics	3
POLS R101	Government of the United States I: Institutions and Politics	3
POLS R102	Introduction to Law and Society	3
POLS R104	Introduction to International Relations	3
POLS R108	Comparative Politics	3
POLS R120	Political Theory	3
PSY R101	General Psychology	3
PSY R101H	Honors: General Psychology	3
PSY R102	Interpersonal Relations	3
PSY R103	Beginning Statistics for Behavioral Science	3
PSY R104	Research Methods in Psychology	3
PSY R107	Sex Roles	3
PSY R108	Developmental Psychology	3
SJS R120	Introduction to Women's Studies	3
SOC R101	Introduction to Sociology	3
SOC R101H	Honors: Introduction to Sociology	3
SOC R102	Social Problems	3
SOC R103	Race and Ethnic Relations	3
SOC R108	Sociology of the Chicano Community	3
SOC R111	Introduction to Social Research	3
SOC R125	Statistics for the Behavioral and Social Sciences	3
SPAN R232	Latin American Literature	3
SPAN R232H	Honors: Latin American Literature	3
<b>Total Required Major Units</b>		<b>18</b>
CSU GE-Breadth		39
Health (can be taken in CSU GE area E)		3
Kinesiology Activity		1
Ethnic/Gender Studies		3
Double-counted Units		- 6-15
Free Electives Required		2-11
<b>Total Units Required for the A.A. Degree</b>		<b>60</b>
OR		
<b>Total Required Major Units</b>		<b>18</b>
IGETC		37
Health		3
Kinesiology Activity		1
Ethnic/Gender Studies		3
Double-counted Units		- 6-15
Free Electives Required		4-13
<b>Total Units Required for the A.A. Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Demonstrate an understanding of human behavior, including social interaction and individual behavior in relation to social, cultural,

political, psychological, economic, linguistic, biological, physical and other contexts and variables

- Articulate how societies, cultures and subcultures develop and change over time, and how they influence human behavior within specific contexts, including historic contexts
- Articulate how decisions are made in economic or political systems
- Demonstrate ability to utilize the research information technologies, reading abilities and theoretical frameworks that support lifelong learning about the study of human beings and their psychology, their behavior, their social interactions, their cultural diversity and the richness of their human heritages.
- Apply critical thinking and methods of inquiry, including qualitative and quantitative analysis, appropriate to social science disciplines
- Communicate clearly ideas and facts regarding the human condition and how humans respond, adapt and intentionally change those conditions
- Demonstrate an ability to consider the ethics of human behavior and the human impact on planetary conditions and cycles
- Demonstrate the ability to self-assess their learning regarding social science learning outcomes.
- Articulate the importance of responsible participation in their government, community and society.
- Identify the skills they have learned in college that prepare them for lifelong learning.
- Explain the significance of cooperation and peaceful resolution in addressing societal conflicts.

## Geographic Information Systems

### GIS R106 Introduction to Geographic Information Systems 3 Units

*Same-As:* GEOG R106

*In-Class Hours:* 35 lecture, 52.5 laboratory

*C-ID:* GEOG 155

This course introduces students to computer-based mapping, Geographic Information Systems (GIS). Spatial data is used as a tool to understand the world by describing and explaining the human relationship to the physical environment. Topics include vector and raster systems, map design, scale, resolution, map projection, coordinate systems, georeferencing and Global Positioning Systems (GPS). The laboratory provides applied, hands-on learning, using spatial analysis and modeling with GIS through the use of computers.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

*For more information, contact:*

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## Geography

Geography is an integrative discipline that brings together the physical and human dimensions of the world in the study of people, places and environment. As a spatial study, its subject matter is Earth's surface and the processes that shape it, the relationships between people and

environments, and the connections between people and places. That knowledge, in turn, provides a basis for humans to cooperate in the best interests of our planet. Geography provides students with skills for the workplace and skills for civic decision-making. Events around the world affect jobs and business at home. By learning geography, thoroughly, students come to understand the connections and relationships among themselves and people, places, and environments across the world. Geography is concerned with understanding the spatial dimension of human experience (space and place).

### **GEOG R101 Elements of Physical Geography 3 Units**

*In-Class Hours:* 52.5 lecture

*C-ID:* GEOG 110

This course is an introduction to physical geography as a spatial study which investigates global themes on the interaction of human and physical environmental impacts incorporating the elements of the atmosphere, lithosphere, hydrosphere, and biosphere. Topics include: Climate change; the ozone layer; ecosystem/deforestation; fire, water resources, and environmental hazards; weather events such as tornadoes, hurricanes, and El Niño; geological events such as earthquakes, volcanism, and landslides.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B1

**IGETC:** 5A

### **GEOG R101L Physical Geography Laboratory 1 Unit**

*In-Class Hours:* 52.5 laboratory

*Prerequisites:* GEOG R101 or concurrent enrollment

*C-ID:* GEOG 111, GEOG 115

This laboratory is designed to accompany GEOG R101. It introduces the global physical world, its dynamics and spatial relationships. This lab features observation, measurement and analysis of basic principles and concepts pertaining to Earth's physical systems, including the atmosphere, hydrosphere, lithosphere and biosphere.

**Grade Modes:** Letter Graded

**Field Trips:** Will be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B3

**IGETC:** 5C

### **GEOG R102 World Regional Geography 3 Units**

*In-Class Hours:* 52.5 lecture

*Advisories/Rec Prep:* READ R095 or ESL R095 and ENGL R097 or ENGL R100 or eligibility for ENGL R101.

*C-ID:* GEOG 125

This course introduces the regional approach to the study of human geography and the world's major culture realms. Interpreting the cultural landscape employs the essential concepts in a geographic survey of the world in spatial terms, places and regions, the physical environment, and society and environment interactions. Students will learn to recognize the role that culture plays in incidents of cooperation and conflict in contemporary global, social and economic issues.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D

**IGETC:** 4

### **GEOG R103 Introduction to Weather and Climate 3 Units**

*In-Class Hours:* 52.5 lecture

*Advisories/Rec Prep:* READ R095 or ESL R095 and ENGL R097 or ENGL R100 or eligibility for ENGL R101

*C-ID:* GEOG 130

An introduction to the Earth's atmosphere, weather prediction, climate change, and the methods employed in analyzing and understanding weather phenomena are investigated in this course. Global changes in climate patterns, human influence on the atmosphere, and the impact of weather events are examined.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B1

**IGETC:** 5A

### **GEOG R104 Geography of California 3 Units**

*In-Class Hours:* 52.5 lecture

*Advisories/Rec Prep:* READ R095 or ESL R095 and ENGL R097 or ENGL R100 or eligibility for ENGL R101

*C-ID:* GEOG 140

This course examines the physical and cultural environments of California's diverse landscapes, including landforms, climate, natural vegetation, natural resources, economic activities and historical settlement in the Golden State. Human settlement patterns in California and the interaction of pre-European California and the post European migration to the State will also be discussed in the course.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D

**IGETC:** 4



**GEOG R105 Introduction to Human Geography 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* GEOG 120

This course introduces the topical approach to the study of human geography, the characteristics of culture groups, and the distribution and migration of human populations on Earth's surface. Special attention will be given to sustainability and its role in the social construction of spaces and places through the diffusion of religions, languages, food production, geopolitical conflicts and human-environmental interactions.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**GEOG R106 Introduction to Geographic Information Systems 3 Units***Same-As:* GIS R106*In-Class Hours:* 35 lecture, 52.5 laboratory*C-ID:* GEOG 155

This course introduces students to computer-based mapping, Geographic Information Systems (GIS). Spatial data is used as a tool to understand the world by describing and explaining the human relationship to the physical environment. Topics include vector and raster systems, map design, scale, resolution, map projection, coordinate systems, georeferencing and Global Positioning Systems (GPS). The laboratory provides applied, hands-on learning, using spatial analysis and modeling with GIS through the use of computers.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**GEOG R198A Geographic Field Interpretation 1 Unit***In-Class Hours:* 52.5 laboratory*Prerequisites:* GEOG R101

This course will apply lecture course material in the field through observations and interpretation of the landscape. Geographic regions will be surveyed to include identification of geomorphic features, biomes and ecotones, and climate variations. Field techniques include basic rock and vegetation identification, mapping, stream flow quantity and quality, and population density. Human impacts will be assessed.

**Catalog Notes:** Course does not replace GEOG R101L content.**Grade Modes:** Letter Graded**Field Trips:** Will be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**GEOG R199 Directed Studies in Geography 1-3 Units***In-Class Hours:* 17.5-52.5 lecture*Prerequisites:* GEOG R101 or GEOG R102

This course is designed to prepare students with existing background knowledge of geographic systems for further studies in Geography. Students will have the opportunity to conduct a research project on a geographic related topic. Project findings will be presented in scientific poster format, video, protocol or research publication.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

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*For more information, contact:***Jim Danza (805) 678-5209** [jdanza@vcccd.edu](mailto:jdanza@vcccd.edu)

## Geography, Associate in Arts for Transfer

The Associate in Arts in Geography for Transfer (AA-T in Geography) is intended for students who plan to complete a bachelor's degree in a "similar" major at a CSU campus. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

To earn an AA-T in Geography, students must:

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 20 semester units in the Geography major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residency at the college granting the degree.

Students transferring to a CSU campus that does accept the AA-T in Geography will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is designated as a high-unit major at a particular campus). This degree may not be the best

option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		<b>14-15</b>
GEOG R101 & R101L	Elements of Physical Geography and Physical Geography Laboratory	
GEOG R102 or GEOG R105	World Regional Geography Introduction to Human Geography	
<b>Required Additional Courses</b>		<b>12</b>
<b>List A</b>		<b>6</b>
Select six units from the following courses:		
GEOG R103	Introduction to Weather and Climate	
GEOG R104	Geography of California	
GEOG R106 or GIS R106	Introduction to Geographic Information Systems Introduction to Geographic Information Systems	
<b>List B</b>		<b>6</b>
Select six units from the following or any course from List A not selected above:		
ANTH R102 or ANTH R102H	Introduction to Cultural Anthropology Honors: Introduction to Cultural Anthropology	
GEOG R101	Physical Geology	
<b>Total Required Major Units</b>		<b>19</b>
<b>CSU GE Breadth</b>		<b>39</b>
Double-Counted Units		- 9-12
Electives (CSU transferable units needed to reach 60)		11-14
<b>Total Units Required for AA-T Degree</b>		<b>60</b>
OR		
<b>IGETC</b>		<b>37</b>
Double-Counted Units		- 9-12
Free Elective Required		13-16
<b>Total Units Required for AA-T Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Interpret Earth’s dynamic physical processes and identify their spatial distribution.
- Identify and critically analyze patterns of human-environment interactions, including perception and use of natural resources.
- Apply geospatial technologies to the analysis of maps, graphs and spatial data sets.
- Display written competency in the description and analysis of geographic subject matter.
- Acquire knowledge and skills sufficient to allow one to pursue advanced study in geography or find employment in a geography-related field.
- Demonstrate familiarity with the application of geography in everyday life.

## Geology

Geology is an exciting and challenging major for students with broad scientific interests and a love for natural systems, our environment,

and our planet’s history. Geology is a multidisciplinary science that applies chemistry, biology, physics, oceanography, mathematics, and engineering to the natural world around us. The rich variety of its fields of study includes oceanography, paleontology, geophysics, hydrogeology, geochemistry, engineering geology, environmental geology and more. Geology majors apply their skills and knowledge to solve complex problems related to human interaction with natural systems, hazards and resources, and to communicate these solutions and options to the public.

### GEOL R101 Physical Geology 3 Units

*In-Class Hours:* 52.5 lecture

*C-ID:* GEOL 100

This course is a survey of the Earth and the processes that shape it. The course offers an overview of earthquakes, volcanism, plate tectonics, mountain building, weathering, erosion, soil, origin of minerals and rocks, and water and energy resources.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B1

**IGETC:** 5A

### GEOL R101L Physical Geology Laboratory 1 Unit

*In-Class Hours:* 52.5 laboratory

*Prerequisites:* GEOL R101 or concurrent

*C-ID:* GEOL 100L

This course is the laboratory to accompany GEOL R101. Topics include identification and interpretation of geologic features, interpretation of topographic maps and aerial photographs, identification of rocks and minerals.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B3

**IGETC:** 5C

### GEOL R103 Introduction to Oceanography 3 Units

*Same-As:* MST R103

*In-Class Hours:* 52.5 lecture

This course is a broad survey of the field of oceanography. Topics include geology and geography of the ocean basins and coastlines, plate tectonics, waves, currents, tides, properties of seawater, methods of oceanographic exploration, and an introduction to Marine Biology.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B1

**IGETC:** 5A

**GEOL R103L Introduction to Oceanography Laboratory 1 Unit***Same-As:* MST R103L*In-Class Hours:* 52.5 laboratory*Prerequisites:* GEOL R103 or MST R103 or concurrent enrollment

This course is the laboratory to accompany GEOL R103. Topics include introduction to ocean/atmosphere relationships, interpretation of bathymetric maps, applied methods of measurement, and descriptive analysis of the physical ocean, including beaches, ocean currents, waves, and water properties.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B3**IGETC:** 5C**GEOL R114 Historical Geology 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* GEOL 110

This course is an introduction to the history of the earth and its evolution including the surface environments, atmosphere, oceans, and life.

Relationships among rocks and fossils are studied to reconstruct the geological and biological evolution of the earth for the last four-and-one-half-billion years.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B1**IGETC:** 5A**GEOL R114L Historical Geology Laboratory 1 Unit***In-Class Hours:* 52.5 laboratory*Prerequisites:* GEOL R114 or concurrent enrollment*C-ID:* GEOL 110 L, GEOL 111

This course provides hands-on experience identifying fossils, minerals, and rocks. The course introduces geologic time, relative age relations in rocks, construction of paleogeographic maps, interpretation of geologic maps and cross sections, and fossil evidence of evolutionary trends throughout geologic time.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B3**IGETC:** 5C**GEOL R121 Earth Science with Laboratory 4 Units***In-Class Hours:* 52.5 lecture, 52.5 laboratory*C-ID:* GEOL 121

This course is a broad introduction to the essentials of Earth Science designed for future educators including teaching techniques to engage students in science. Topics covered in this course include the geosphere, atmosphere, hydrosphere, and solar system. This course focuses on the interactions between physical and chemical systems of the Earth such as the tectonic cycle, rock cycle, hydrologic cycle, weather, and climate.

The laboratory component includes study of rocks, maps, scientific instruments, earthquakes, and local geologic features.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B1, B3**IGETC:** 5A, 5C**GEOL R130 Environmental Geology 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* GEOL 130

Environmental Geology is a study of the interaction of humans and the Earth, with emphasis on geologic hazards such as earthquakes, volcanic activity, landslides, and flooding; resources such as energy, water, and minerals; disposal of wastes, pollution, and global warming. This course emphasizes the Earth systems and connections between the geosphere, biosphere, atmosphere, and hydrosphere.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B1**IGETC:** 5A**GEOL R178 Geological Marine Resources 1 Unit***Same-As:* MST R178*In-Class Hours:* 52.5 laboratory*Corequisites:* MST R170 or BIOL R170

This field course is an introduction to topics in marine geology related to current resource management issues in this region. Trips to areas where geological, biological, and oceanographic resources can be observed will be combined with related information about resource management and the requirements and applications of federal, state, and local laws and regulations related to marine resource management.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** Will be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

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## Geology, Associate in Science for Transfer

Geology is an exciting and challenging major for students with broad scientific interests and a love for natural systems, our environment, and our planet's history. Geology is a multi-disciplinary science that applies chemistry, biology, physics, oceanography, mathematics, and engineering to the natural world around us. The rich variety of its fields of study includes oceanography, paleontology, geophysics, hydrogeology, geochemistry, engineering geology, environmental geology and more. Geology majors apply their skills and knowledge to solve complex problems related to human interaction with natural systems, hazards and resources, and to communicate these solutions and options to the public.

The Associate in Science in Geology for Transfer degree (AS-T) prepares students to transfer into the CSU system to complete a bachelor's degree in Geology, Geoscience, Earth Science, or a major deemed similar by a CSU campus. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) and seek guidance from an Oxnard College counselor. Students earning an associate degree for transfer and meeting the CSU minimum transfer admission requirements are guaranteed admission with junior standing to the CSU system. The AS-T degree also prepares students for transfer to a UC campus in Geology, though additional coursework may be required.

**To earn an AS-T in Geology degree, students must complete the following:**

1. Complete 60 CSU-transferable semester units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Completion of a minimum of 18 semester units in an "AA-T" or "AS-T" major as detailed in the Course and Program Information section of the catalog. All courses in the major must be completed with a grade of C or better or a "P" if the course is taken on a "pass-no pass" basis (Title 5 § 55063).
4. Certified completion of the California State University General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.

Students transferring to a CSU campus that accepts the AS-T in Geology degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree. This degree may not necessarily be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
GEOL R101 & GEOG R101L	Physical Geology and Physical Geography Laboratory	4
GEOL R114 & R114L	Historical Geology and Historical Geology Laboratory	4

CHEM R120	General Chemistry I	5
CHEM R122	General Chemistry II	5
MATH R120	Calculus with Analytic Geometry I	5
MATH R121	Calculus with Analytic Geometry II	5
<b>Total Required Major Units</b>		<b>28</b>
CSU GE-Breadth		39
Double-Counted Units		- 7
Free Electives Required		0
<b>Total Units Required for AS-T Degree</b>		<b>60</b>
IGETC		37
Double-Counted Units		- 7
Free Electives Required		1
<b>Total Units Required for AS-T Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Apply the scientific method to solve earth science problems such as determining the age of the Earth or determining the origin of the oceans.
- Acquire knowledge and skills sufficient to allow one to pursue advanced study in earth science or find employment in earth science related fields.
- Apply general math skills such as unit conversion, ratios and percentages to solving simple rate problems; evaluate data, produce and interpret tables and graphs; apply the metric system of measurement.
- Demonstrate scientific literacy by defining and explaining the major steps in the scientific method of investigation, specifically, the difference between empirical data, interpretation, testable hypothesis, theory, paradigm, speculation, and pseudo-science.
- Display written competency in the description and analysis of earth science subject matter.
- Identify, research, evaluate and integrate scholarly literature within the discipline.
- List and categorize common natural resources and explain their origin, spatial distribution, appropriate exploration methods, and the resulting products, wastes, and contaminants.
- List, explain, and evaluate global and local earth science hazards such as earthquakes, volcanoes, landslides, and seismic sea waves.
- Recognize applications of earth science in everyday life.

## Global Studies

The Global Village has arrived! Global Studies is an exciting and dynamic interdisciplinary program that allows students to identify and understand the global and transnational forces that affect the everyday lives of people across the world. The Global Studies program combines courses from the Arts and Sciences, Anthropology, Economics, Geography, History, Philosophy, Political Science and Sociology to examine contemporary issues in an increasingly globalized world. Through the development of critical thinking skills and the analysis of local and global processes, students are given the tools to both understand the global village and to shape it as they become the next generation of leaders in business, government, nongovernmental and international organizations. Areas of inquiry include the tension between local and global cultures, conflict and security, philosophy, technology and new media, political and non-governmental movements, economics, development and the environment.

**GLST R101 Introduction to Global Studies 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* GLST 101

This course provides students with an introduction to the study of globalization and the political, cultural, social, environmental and economic forces that shape the global village today. Through an interdisciplinary approach that utilizes anthropology, political science, sociology, geography, philosophy, economics and the arts and sciences, we explore the major themes in global studies with an emphasis on developing critical understandings of these processes and empowering students to be active participants in the global system.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2, F**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**GLST R102 Global Issues and Problems 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* GLST 102

This course examines contemporary social, economic, political, cultural and environmental change in a global context. It introduces students to the origins, current status and future trends of transnational issues confronting the global community, explores the emergence of global economy, new systems of world order, transnational social movements, global governance, and collective global responsibilities. Through the examination of specific global problems such as economic inequality, population trends, human rights, conflict, security and environmental problems we will consider the impact of globalization around the world.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4

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## Global Studies, Associate in Arts for Transfer

The Associate in Arts in Global Studies for Transfer (AA-T in Global Studies) is intended for students who complete a Bachelor's degree in a "similar" major at a CSU campus. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree->

[for-transfer-major-and-campus-search.aspx](#)) and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system but not to a particular campus or major.

**To earn an AA-T in Global Studies, students must:**

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 21 semester units in the Global Studies major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 section 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that accepts the Global Studies AA-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
GLST R101	Introduction to Global Studies	3
GLST R102	Global Issues and Problems	3
<b>List A - Select five courses from at least four of the areas below</b>		<b>14</b>
<b>Area 1: Culture and Society</b>		<b>3</b>
ANTH R102	Introduction to Cultural Anthropology	3
or ANTH R102H	Honors: Introduction to Cultural Anthropology	
HIST R160	World History II	3
or HIST R160H	Honors: World History II	
<b>Area 2: Geography</b>		<b>3</b>
GEOG R101	Elements of Physical Geography	3
GEOG R105	Introduction to Human Geography	3
GEOG R102	World Regional Geography	3
<b>Area 3: Economics</b>		<b>3</b>
ECON R201	Introduction to the Principles of Microeconomics	3
or ECON R201H	Honors: Introduction to the Principles of Microeconomics	
ECON R202	Introduction to the Principles of Macroeconomics	3
or ECON R202H	Honors: Introduction to the Principles of Macroeconomics	



<b>Area 4: Politics</b>	<b>3</b>
POLS R108 Comparative Politics	3
POLS R104 Introduction to International Relations	3
<b>Area 5: Humanities</b>	<b>3</b>
HIST R150 World History I	3
or HIST R150H Honors: World History I	
PHIL R103 Survey of World Religions: East	3
PHIL R104 Survey of World Religions: West	3
PHIL R115 Comparative World Religions	3
or PHIL R115H Honors: Comparative World Religions	
<b>Total Required Major Units</b>	<b>21</b>
CSU GE- Breadth	39
Double-Counted Units	- 6-15
Free Electives Required	6-15
<b>Total Units Required for AA-T Degree</b>	<b>60</b>
OR	
<b>Total Required Major Units</b>	<b>21</b>
IGETC	37
Double-Counted Units	- 9-15
Free Elective Required	11-17
<b>Total Units Required for AA-T Degree</b>	<b>60</b>

Upon successful completion of this program, students will be able to:

- Adapt and apply a complex understanding of multiple world views, experiences, and power structures within the context of specific global problems.
- Demonstrate an awareness of cultural diversity and cultural relativism.
- Demonstrate an ability to analyze complex global issues utilizing an interdisciplinary approach and from a variety of perspectives while paying attention to power structures, inequality, and the relationship between local and global forces.
- Demonstrate a complex awareness and understanding of global forces and processes including political, economic and cultural practices.

## Health Education

Students who wish to earn an A.A. or A.S. degree must successfully complete a minimum of one Health Education course and one Physical Education course.

The University of California (UC) has a limitation on transfer credits of Health Education (HED) and Physical Education (PE) courses. For current limitations, see Transfer Course Agreement (p. 105) (UC TCA) or [www.assist.org](http://www.assist.org) (<http://www.assist.org>).

The AA-T in Kinesiology is intended for students who plan to complete a bachelor's degree in Kinesiology, or a similar major at a CSU campus including emphases in Physical Education, Exercise Science, Human Movement, Coaching, Health and Wellness, Rehabilitation and Therapeutic Exercise, among others.

## University of California Limitation on Transfer of Health Courses

The UC will only give credit for *one* Health course from:

Course ID	Title	Units/Hours
HED R101	Health and Society	3
HED R102	Fitness/Nutrition/Mental Wellness	3
HED R103	Women's Health	3
HED R104	Personal Health and Wellness	3

The UC will only give credit for one course in each of the following areas:

- Health Education
- First Aid
- Life Saving

UC Credit for Physical Education/Kinesiology Theory courses is limited to a maximum of **8** semester (12 quarter) units for all of these courses combined.

UC Credit for Physical Education activity courses is limited to **4** semester (6 quarter) units.

### HED R101 Health and Society 3 Units

*In-Class Hours:* 52.5 lecture

This course explores the nature and function of health in our society. An overview of major health concepts designed to contribute to the students' understanding of healthy living will be the focus of this course. Environmental health, communicable diseases, harmful substances, chronic and degenerative disease, fitness, personal relationships, mental health, reproduction and contraception, as well as consumer health will also be explored.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

### HED R102 Fitness/Nutrition/Mental Wellness 3 Units

*In-Class Hours:* 52.5 lecture

This course explores the principles and concepts that aid individuals in making informed decisions about fitness and nutrition, and how those decisions impact their own mental wellness. The five components of fitness are addressed, along with a self-appraisal of health-related physical fitness; nutrition for physical health and mental wellness; assessment of current personal lifestyle on mental wellness; principles of exercise program design; principles of nutrition program design; stress management techniques; strategies for improving sleep; exercise as a method to reduce symptoms of anxiety and depression; with an emphasis placed on the connection between a healthy body and a healthy mind.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**HED R103 Women's Health 3 Units***In-Class Hours:* 52.5 lecture

This course considers the nature and function of women's health in our society. The course offers an analysis of major female health problems; and is designed to contribute to students' understanding of women's roles both as individuals and as contributing members of the community's efforts to implement advances in medicine and health sciences.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D, E**IGETC:** None**HED R104 Personal Health and Wellness 3 Units***In-Class Hours:* 52.5 lecture*Advisories/Rec Prep:* ENGL R100 or ENGL R097*C-ID:* PHS 100

This course focuses on the exploration of major health issues and behaviors in the various dimensions of health. Emphasis is placed on individual responsibility for personal health and the promotion of informed, positive health behaviors. Topics include nutrition, exercise, weight control, mental health, stress management, violence, substance abuse, reproductive health, disease prevention, aging, healthcare, and environmental hazards and safety.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** E**IGETC:** None**HED R105 CPR, AED, First Aid, and Personal Safety 3 Units***In-Class Hours:* 52.5 lecture*Materials Fee:* \$12.00*C-ID:* KIN 101

This course develops safety awareness and positive reactions to emergency situations. It covers ways of reacting to persons suffering from traumatic shock as well as ways of interacting with and calming family members of injured persons. The course includes, but is not limited to, recognition and standard treatment procedures for four life-threatening situations (unconsciousness, breathing, circulation-pulse, and severe bleeding); use of the Automated External Defibrillator (AED); care for poisoning, fractures, heat- and cold-related emergencies, shock; injury prevention and safety of infants, toddlers/preschoolers and young children; and preventative drug education. There will also be brief instruction on identification and prevention of sexually transmitted infections, pregnancy prevention, family health history, and nutrition. Students successfully completing the American Heart Association Basic Life Support requirements receive a 2-year certification for Healthcare Providers. This will include include Adult and Infant CPR, Automated External Defibrillation (AED) instruction and certification. Students will not earn a separate First Aid certification but will learn skills associated with First Aid.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** E**IGETC:** None**HED R113 Introduction to Public Health 3 Units***In-Class Hours:* 52.5 lecture*Advisories/Rec Prep:* ENGL R101*C-ID:* PHS 101

This course provides an introduction to the discipline of Public Health. Students will gain an understanding of the basic concepts and terminologies of public health, and the history and accomplishments of public health officials and agencies. An overview of the functions of various public health professions and institutions, and an in-depth examination of the core public health disciplines is covered. Topics of the discipline include the epidemiology of infectious and chronic disease; prevention and control of diseases in the community including the analysis of the social determinants of health and strategies for eliminating disease, illness and health disparities among various populations; community organizing and health promotion programming; environmental health and safety; global health; and healthcare policy and management.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D, E**IGETC:** 4

**HED R114 Introduction to Nutrition Science 3 Units***In-Class Hours:* 52.5 lecture*Advisories/Rec Prep:* ENGL R097 or ENGL R100 or eligibility for ENGL R101*C-ID:* NUTR 110

This course examines scientific concepts of nutrition related to the function of nutrients within the human body, nutrient requirements throughout the life cycle, and individual nutritional needs. Students will learn how to analyze and evaluate nutritional information and apply this information and dietary guidelines to their personal food choices. In addition, the course will explore current issues in nutrition including food safety, environmental contaminants, food technology, and food additives.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** E**IGETC:** None*For more information, contact:***Jonas Crawford (805) 678-5870** jcrowford1@vcccd.edu

## History

History is one of the most popular, useful, and flexible subjects to study and major in. The popularity of history comes from the fact that human beings love stories about dynamic people and exciting events from the past. By studying the brilliance and blunders of past generations, students gain essential knowledge about how the world works, as well as an understanding of the global trends that will transform our world over the next few decades. While the study of history provides you with the wisdom and core knowledge that will help you to adapt and prosper in our rapidly changing world, it will also provide you with the academic experience, critical thinking skills, and civic mindedness that universities and employers value.

A degree in History, from Oxnard College, provides a guaranteed pathway to a state university and serves as an easily obtainable "second major" for students interested in becoming more marketable, well-rounded, and wise. Additionally, the degree satisfies the first two years of a four year degree at most universities (ex. many Oxnard College "History majors" have transferred to CSUCI, CSUN, UCSB, UCR, UCLA, or UC Berkeley).

Students who transfer, and earn their BA in History, often immediately go to graduate school (earning their MA or Ph.D.) and/or enter a variety of lucrative and rewarding careers: teaching, law, law enforcement, business, finance, consulting, journalism, social services, public relations, government service, "Public History" (specifying: historic preservation, museum curatorship, archival management), etc.

**HIST R104 History of California 3 Units***In-Class Hours:* 52.5 lecture

This course presents a survey of Native American, Spanish, Mexican and American periods of California while considering the political, economic, social, and cultural evolution of the state.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**HIST R107 History of Mexicans in the United States 3 Units***Same-As:* CHST R107*In-Class Hours:* 52.5 lecture

This course is a historical survey of the Mexican/Chicano experience from the pre-Columbian period to the present. The emphasis is on Mexican settlement of Greater Mexico and the Southwest United States within the broader history of the United States. In the process, the course covers significant events in the historical development of the United States and Mexico—the colonial era, the early National period, the westward (and northward) movement of people across America in the last 150 years, and U.S.-Mexico relations in the 19th and 20th centuries.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B1, B2, F**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D, US-1**IGETC:** 4**HIST R108 African-American History 3 Units***In-Class Hours:* 52.5 lecture

This course provides an analysis of the history of African Americans in the United States from their African origins to the present. The course examines how African-Americans, individually and collectively, have been influenced by and contributed to the historical development of the United States.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B1, B2, F**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2, D, US-1**IGETC:** 3B, 4

**HIST R109 History of Mexico 3 Units***In-Class Hours:* 52.5 lecture

This is a survey of Mexican history from the pre-Columbian era to the present. The course presents major historical developments and personalities shaping the nation of Mexico. The class focuses on Meso American culture and civilization, the Spanish colonial period from the 1500's to the 1800's, the Mexican independence years, and the problems of nationhood through the 1850's. The U.S.-Mexican War, and the relationship between Mexico and the United States in the 20th and 21st centuries are also reviewed. Mexico's role in the world community, both historical and contemporary, remains a key topic.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2, F**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2, D**IGETC:** 3B, 4**HIST R110 History of the Middle East 3 Units***In-Class Hours:* 52.5 lecture

If the Middle East has become synonymous with "conflict," this course will reveal that the historical developments of the region, which were always accompanied by conflict, have done much to shape the world in which we live. The Middle East gave rise to the first civilizations in Sumer and Egypt; the mighty empires of Persia and Alexander the Great; and the monotheistic traditions of Judaism, Christianity, and Islam. As a cultural crossroads and center of learning, the region facilitated the spread of knowledge throughout the medieval Old World, while inspiring would be conquerors like the Crusaders and Mongols. The rise of the Ottoman Empire led to an early modern era of stability in the region, until the Ottoman state fell into decline due to the pressures of Western imperialism and modernization. The "conflicts" of the past hundred years will also be explored in depth, including petro-politics, terrorism, Islamist movements, the struggle between Arabs and Israelis, and the repeated diplomatic and military involvement of the Americans in the region.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2, D**IGETC:** 3B, 4**HIST R117 History of American Women 3 Units***In-Class Hours:* 52.5 lecture

This course offers a survey of the historical experience of women in North America including comparisons of Native-American, African-American, Latin-American, Asian-American and European cultures. Multiple ways of studying history are used to explain the impact of religion, culture, law, social class, economic roles and politics on the history of women. The tension between expanding work opportunities and traditional social roles is examined. The contributions of women to progressive reform is reviewed.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B1, B2, F**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D, US-1**IGETC:** 4**HIST R124 Sports in American History 3 Units***In-Class Hours:* 52.5 lecture

This course is a survey of sports as a reflection of American cultural development, race and gender relations, American foreign policy, and political and social change through the 19th and 20th centuries. The course examines the development of American life through an examination of the literature, journalism, history, film, and art of sports.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2, F**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**HIST R125 U.S. Foreign Policy and Covert Action 3 Units***Same-As:* POLS R125*In-Class Hours:* 52.5 lecture

This course is a survey of selected themes, problems, and personalities which have been associated with the creation of both official and covert American relationships with foreign powers. The course examines how U.S. involvements with nations in Europe, Latin America, the Middle East, Africa, and Asia have interacted with and impacted American society, economics, and democratic institutions with an emphasis on CIA actions performed by the U.S. in the latter half of the 20th Century. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of C or better or "P".

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**HIST R125H Honors: U.S. Foreign Policy and Covert Action 3 Units***Same-As:* POLS R125H*In-Class Hours:* 52.5 lecture

This course is a survey of selected themes, problems, and personalities which have been associated with the creation of both official and covert American relationships with foreign powers. The course examines how U.S. involvements with nations in Europe, Latin America, the Middle East, Africa, and Asia have interacted with and impacted American society, economics, and democratic institutions with an emphasis on CIA actions performed by the U.S. in the latter half of the 20th Century. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications, and enrichment opportunities. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of C or "P" or better.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4

**HIST R126 History of Latin America 3 Units***In-Class Hours:* 52.5 lecture

This course surveys the diverse and dynamic history of Latin America from pre-Columbian times to the present. Students will learn about: native cultures; European exploration, conquest, and colonization; independence movements; and the political, economic, and social challenges of establishing new Latin American nations. The course will also examine recent trends like globalization, immigration, the illegal drug trade, radical political movements, and U.S.-Latin American relations.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**HIST R130 History of the United States I 3 Units***Formerly:* HIST R102 and HIST R101A*In-Class Hours:* 52.5 lecture*C-ID:* HIST 130

To understand the United States, it is important to study the roots of today's conflicts and great achievements. This course will cover U.S. History from pre-European contact to 1877. Topics will include the contrasting worldviews of Native American, African, and European cultures as they converged in early colonial society; the road to revolution and the Revolutionary War; the drafting of the U.S. Constitution and the struggles of nation building; the contradictory rise of democracy and slavery; westward expansion and sectional tensions; industrial and technological advances; reform movements like abolitionism and women's rights; and the causes and consequences of the Civil War. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P".

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B1, B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D, US-1**IGETC:** 4**HIST R130H Honors: History of the United States I 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* HIST 130

To understand the United States, it is important to study the roots of today's conflicts and great achievements. This course will cover U.S. History from pre-European contact to 1877. Topics will include the contrasting worldviews of Native American, African, and European cultures as they converged in early colonial society; the road to revolution and the Revolutionary War; the drafting of the U.S. Constitution and the struggles of nation building; the contradictory rise of democracy and slavery; westward expansion and sectional tensions; industrial and technological advances; reform movements like abolitionism and women's rights; and the causes and consequences of the Civil War. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications, and enrichment opportunities. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or "P" or better.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B1, B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D, US-1**IGETC:** 4**HIST R140 History of the United States II 3 Units***Formerly:* HIST R101B; HIST R103*In-Class Hours:* 52.5 lecture*C-ID:* HIST 140

If America is the land of opportunity, it is wise to study the cultural, social, economic, political, diplomatic, and military history of the United States in order to understand how this nation developed and where it might be going. This course will cover U.S. History from 1877 to the present. Students will investigate topics such as westward expansion, imperialism, the Industrial Revolution, urbanization, immigration, the Women's Rights movement, the Progressive Movement, the Great War, the "Roaring Twenties," the Great Depression, World War II, the Cold War, the African American Civil Rights Movement, "The Sixties," the conservative backlash, technological innovations, terrorism, and globalization. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P".

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B1, B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D, US-1**IGETC:** 4



**HIST R140H Honors: History of the United States II 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* HIST 140

If America is the land of opportunity, it is wise to study the cultural, social, economic, political, diplomatic, and military history of the United States in order to understand how this nation developed and where it might be going. This course will cover U.S. History from 1877 to the present. Students will investigate topics such as westward expansion, imperialism, the Industrial Revolution, urbanization, immigration, the Women's Rights movement, the Progressive Movement, the Great War, the "Roaring Twenties," the Great Depression, World War II, the Cold War, the African American Civil Rights Movement, "The Sixties," the conservative backlash, technological innovations, terrorism, and globalization. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications, and enrichment opportunities. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P".

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B1, B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D, US-1**IGETC:** 4**HIST R150 World History I 3 Units***Formerly:* HIST R100A*In-Class Hours:* 52.5 lecture*C-ID:* HIST 150

To understand where we came from, it is important to study the histories of the great civilizations of the ancient world, from prehistory to the start of globalization in 1500 C.E. Students will explore the political, military, economic, social, and cultural evolution of the early civilizations of Asia, Africa, Europe, and the Americas. Students will also investigate the impact of religion, technology, migration, trade, and war on the relationships between the major civilizations of the ancient world. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P".

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2, C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2, D**IGETC:** 3B, 4**HIST R150H Honors: World History I 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* HIST 150

To understand where we came from, it is important to study the histories of the great civilizations of the ancient world, from prehistory to the start of globalization in 1500 C.E. Students will explore the political, military, economic, social, and cultural evolution of the early civilizations of Asia, Africa, Europe, and the Americas. Students will also investigate the impact of religion, technology, migration, trade, and war on the relationships between the major civilizations of the ancient world. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications, and enrichment opportunities. Duplicate credit will not be awarded for both the honors and regular versions of a course. If students take both HIST R150 and HIST R150H, credit will be awarded only for the first course completed with a grade of "C" or better or "P".

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2, C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2, D**IGETC:** 3B, 4**HIST R160 World History II 3 Units***Formerly:* HIST R100B*In-Class Hours:* 52.5 lecture*C-ID:* HIST 160

To understand and navigate our global community, it is important to study the history of how our interdependent world came into being. Since 1500 C.E., the great civilizations of Asia, Africa, Europe, and the Americas have rapidly changed, influenced each other, and become more interconnected. Students will explore the political, military, economic, social, and cultural development of each regional civilization. Students will also study the modernizing and globalizing forces of trade, migration, colonization, decolonization, the nation state, the Enlightenment, industrialization, capitalism, urbanization, science, technology, and war. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P".

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2, C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2, D**IGETC:** 3B, 4

**HIST R160H Honors: World History II 3 Units**

*In-Class Hours:* 52.5 lecture

*C-ID:* HIST 160

To understand and navigate our global community, it is important to study the history of how our interdependent world came into being. Since 1500 C.E., the great civilizations of Asia, Africa, Europe, and the Americas have rapidly changed, influenced each other, and become more interconnected. Students will explore the political, military, economic, social, and cultural development of each regional civilization. Students will also study the modernizing and globalizing forces of trade, migration, colonization, decolonization, the nation state, the Enlightenment, industrialization, capitalism, urbanization, science, technology, and war. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications, and enrichment opportunities. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P".

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2, C2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C2, D

**IGETC:** 3B, 4

- History, Associate in Arts for Transfer (p. 361)

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## History, Associate in Arts for Transfer

The Associate in Arts in History for Transfer (History AA-T) is intended for students who plan to complete a bachelor's degree in History or a "similar" major at a CSU campus. Each CSU campus determines which degrees it offers are "similar" and can be completed with the preparation included in the AA-T in History within 60 units once a student transfers, so which majors are "similar" varies from CSU to CSU. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) webpage and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

To earn an AA-T in History, students must complete the following:

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:

- a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth (CSU GE-Breadth) requirements.
- b. A minimum of 18 semester units in the History major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residency at the college granting the degree.

Students transferring to a CSU campus that does accept the History AA-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		<b>6</b>
HIST R130	History of the United States I	
	or HIST R130H Honors: History of the United States I	
HIST R140	History of the United States II	
	or HIST R140H Honors: History of the United States II	
<b>List A - Required Additional Courses</b>		<b>6</b>
HIST R150	World History I	
	or HIST R150H Honors: World History I	
HIST R160	World History II	
	or HIST R160H Honors: World History II	
<b>List B1 - Complete one of the following courses</b>		<b>3</b>
HIST R108	African-American History	
HIST R109	History of Mexico	
HIST R110	History of the Middle East	
HIST R117	History of American Women	
HIST R126	History of Latin America	
<b>List B2 - Complete one of the following courses</b>		<b>3</b>
HIST R104	History of California	
HIST/CHST R107	History of Mexicans in the United States	
HIST R124	Sports in American History	
HIST/POLS R125	U.S. Foreign Policy and Covert Action	
	or HIST R125H Honors: U.S. Foreign Policy and Covert Action	
	or POLS R125H Honors: U.S. Foreign Policy and Covert Action	
<b>Total Required Major Units</b>		<b>18</b>
CSU GE-Breadth		39
Double-Counted Units		- 9
Free Electives Required		12
<b>Total Units Required for AA-T Degree</b>		<b>60</b>

OR

<b>Total Required Major Units</b>	<b>18</b>
IGETC	37
Double-Counted Units	- 9-15
Free Electives Required	14-20
<b>Total Units Required for AA-T Degree</b>	<b>60</b>

Upon successful completion of this program, students will be able to:

- Demonstrate knowledge of historical events, trends, and significant decision makers in a designated historical subject area.
- Demonstrate skill in historical research by locating and utilizing scholarly resources including primary source material.
- Demonstrate critical thinking in their writing of history compositions.
- Identify major theories and conceptual paradigms to explain historical events.
- Express connections between their knowledge of history and current social conditions, problems, and controversies.

## Hospitality Management

The Hospitality Management program at Oxnard College prepare students for management positions in the hospitality field. The Hospitality Management program recognizes the critical importance of an interdisciplinary education with a global perspective for tomorrow's leaders and managers. The curriculum provides students a thorough understanding of management principles and the operation of various departments on the hotel property. Students completing this degree program will be prepared for Career Opportunities leading up to supervisory and middle-level management positions in hotel management, housekeeping management, human resource management, guest services, and food and beverage management.

- Hospitality Management, Associate in Science for Transfer (p. 362)

For more information, contact:

Adam Hart (805) 678-5267 ahart@vcccd.edu

## Hospitality Management, Associate in Science for Transfer

The Associate in Science in Hospitality Management for Transfer (AS-T in Hospitality Management) offers a comprehensive educational approach to a career in the hospitality industry. The curriculum is designed to prepare students with both management theories and occupational job skills required to enter any segment of the industry including jobs with local and global hotels and resorts, restaurants, wineries, breweries, airlines, cruise lines, sports arenas, entertainment venues, and amusement parks.

The AS-T in Hospitality Management is intended for students who plan to complete a bachelor's degree in Hospitality Management or a "similar" major at a CSU campus. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) webpage and seek guidance from an Oxnard College counselor. Students completing this degree are

guaranteed admission to the CSU system but not to a particular campus or major.

To earn an AS-T in Hospitality Management degree, students must:

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 18 semester units in the Hospitality Management major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that accepts the AA-T in Hospitality Management will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		<b>3</b>
CRM R100	Principles of the Hospitality Industry	
<b>List A</b>		<b>9-13</b>
Complete three courses from the following:		
ECON R201	Introduction to the Principles of Microeconomics	
	or ECON R201H Honors: Introduction to the Principles of Microeconomics	
CRM R104	Sanitation and Environmental Control	
CRM R112	Food and Beverage Management	
CRM R102A	Institutional Food Production	
<b>List B</b>		<b>6-8</b>
Complete two courses from the following:		
Any course from List A not already selected		
ACCT R101	Financial Accounting	
	or ACCT R101H Honors: Financial Accounting	
BUS R111	Business Law	
MATH R105	Introductory Statistics	
	or MATH R105H Honors: Introductory Statistics	
	or PSY R103 Beginning Statistics for Behavioral Science	
ACCT R102	Managerial Accounting	
BUS R140	Business Communications	

CIS R100	Introduction to Computer Information Systems
CRM R102B	Institutional Food Production Management
CRM R105	Gourmet Restaurant Service
CRM R107	Dining Room Service
CRM R110	Hospitality and Cost Control
ECON R202	Introduction to the Principles of Macroeconomics
	or ECON R202H Honors: Introduction to the Principles of Macroeconomics
MATH R106	Business Calculus

<b>Total Required Major Units</b>	<b>18-21</b>
CSU GE-Breadth	39
Double-Counted Units	- 0-9
Free Electives Required	0-12
<b>Total Units Required for AS-T Degree</b>	<b>60</b>

OR

<b>Total Units Required Major Units</b>	<b>18-21</b>
IGETC	37
Double-Counted Units	- 0-9
Free Electives Required	2-14
<b>Total Units Required for AS-T Degree</b>	<b>60</b>

Upon successful completion of this program, students will be able to:

- Demonstrate knowledge of and experience in operations relative to the provision of goods and services in hospitality management
- Examine foundations of management, leadership and human resources in hospitality management
- Describe the global perspective and diversity issues as related to hospitality management
- Summarize legal and ethical considerations affecting lodging organizations

## Intercollegiate Athletics

### Note: UC Credit Limitation

The University of California (UC) has a limitation on transfer credits of Intercollegiate Athletics (ICA) and Physical Education (PE) courses. The UC will give a maximum of 4 units for a combination of any or all of these PE/ICA activity courses:

Course ID	Title	Units/Hours
ICA R110	Intercollegiate Cross-Country-Men	3
ICA R120	Intercollegiate Soccer-Men	3
ICA R122	Conditioning for Men's Soccer	0.5-2
ICA R130A	Intercollegiate Basketball-Men/Fall	3
ICA R130B	Intercollegiate Basketball-Men/Spring	2
ICA R132	Conditioning for Men's Basketball	0.5-2
ICA R140	Intercollegiate Baseball-Men	3
ICA R142	Conditioning for Men's Baseball	0.5-2
ICA R160	Intercollegiate Cross Country-Women	3
ICA R162	Conditioning for Cross Country	0.5-2
ICA R165	Conditioning for Athletes	0.5-2

ICA R170	Intercollegiate Soccer-Women	3
ICA R172	Conditioning for Women's Soccer	0.5-2
ICA R180	Intercollegiate Softball-Women	3
ICA R182	Conditioning for Women's Softball	0.5-2
ICA R190A	Intercollegiate Basketball-Women/Fall	3
ICA R190B	Intercollegiate Basketball-Women/Spring	2
ICA R192	Conditioning for Women's Basketball	0.5-2

## Program Student Learning Outcomes

Students informed in Intercollegiate Athletics will be able to:

- Demonstrate leadership roles both on campus and in the community.
- Complete the requirements for successful transfer to a four-year institution.
- Develop the ability to participate in athletic competition to the fullest extent of his or her capability.
- Connect to teammates, coaches and the competitive atmosphere in a manner that enhances participation as well as the team environment.
- Execute advanced intercollegiate skills in fitness, physical activity, and intercollegiate athletics.

**NOTE:** The UC limits enrollment in some courses. See the Overview tab for details.

### ICA R110 Intercollegiate Cross-Country-Men 3 Units

Formerly: PE R166

In-Class Hours: 175 laboratory

Enrollment Limitations: Must have permission from instructor for enrollment. .

This course provides student-athletes with the opportunity to develop advanced skills and the strategies in intercollegiate men's cross country which will be applied to competitive situations. Student-athletes engaged in intercollegiate men's cross country should expect to compete against other institutions, travel, and put in additional hours beyond the normal activity load.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Course may be repeated up to a maximum of 12 units of credit.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**ICA R120 Intercollegiate Soccer-Men 3 Units***Formerly:* PE R169*In-Class Hours:* 175 laboratory*Enrollment Limitations:* Must have permission from instructor for enrollment. .

This course provides student-athletes with the opportunity to develop advanced skills and the strategies in intercollegiate men's soccer which will be applied to competitive situations. Student-athletes engaged in intercollegiate men's soccer should expect to compete against other institutions, travel, and put in additional hours beyond the normal activity load.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Repeatable for Credit:** Course may be repeated up to a maximum of 12 units of credit.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** E**IGETC:** None**ICA R122 Conditioning for Men's Soccer 0.5-2 Units***In-Class Hours:* 26.25-105 laboratory

The training and conditioning exercises cover advanced forms of strength training, cardiovascular and skill work being emphasized. Out of season speed/endurance, stamina, and skill efficiency will be enhanced through use of different fitness parameters in preparing for the intercollegiate soccer season. The course is intended for student-athletes to improve their physical conditioning and strength for men's soccer. Athletes that compete in intercollegiate athletics need to prepare all year to ensure optimal opportunity to excel at their highest level.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Repeatable for Credit:** Course may be repeated up to a maximum of 8 units of credit.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** E**IGETC:** None**ICA R130A Intercollegiate Basketball-Men/Fall 3 Units***In-Class Hours:* 175 laboratory*Enrollment Limitations:* Must have permission by instructor for enrollment.

This course provides student-athletes with the opportunity to develop advanced skills and the strategies in intercollegiate men's basketball which will be applied to competitive situations. Student-athletes engaged in intercollegiate men's basketball should expect to compete against other institutions, travel, and put in additional hours beyond the normal activity load.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Repeatable for Credit:** Course may be repeated up to a maximum of 12 units of credit.**Field Trips:** Will be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** E**IGETC:** None**ICA R130B Intercollegiate Basketball-Men/Spring 2 Units***In-Class Hours:* 105 laboratory*Enrollment Limitations:* Must have permission by instructor for enrollment.

This course provides student-athletes with the opportunity to develop advanced skills and the strategies in intercollegiate men's basketball which will be applied to competitive situations. Student-athletes engaged in intercollegiate men's basketball should expect to compete against other institutions, travel, and put in additional hours beyond the normal activity load.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Repeatable for Credit:** Course may be repeated up to a maximum of 8 units of credit.**Field Trips:** Will be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ICA R132 Conditioning for Men's Basketball 0.5-2 Units***In-Class Hours:* 26.25-105 laboratory

The topics covered in this course will provide students with the opportunity to develop advanced strengthening, conditioning, nutritional, and strategic plans for intercollegiate men's basketball. Athletes that compete in intercollegiate athletics need additional preparation to ensure optimal opportunity to excel at their highest level.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Repeatable for Credit:** Course may be repeated up to a maximum of 8 units of credit.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** E**IGETC:** None



**ICA R140 Intercollegiate Baseball-Men 3 Units***In-Class Hours:* 175 laboratory*Enrollment Limitations:* Must have permission by instructor for enrollment.

This course provides student-athletes with the opportunity to develop advanced skills and the strategies in intercollegiate men's baseball which will be applied to competitive situations. Student-athletes engaged in intercollegiate men's baseball should expect to compete against other institutions, travel, and put in additional hours beyond the normal activity load.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Repeatable for Credit:** Course may be repeated up to a maximum of 12 units of credit.**Field Trips:** Will be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** E**IGETC:** None**ICA R142 Conditioning for Men's Baseball 0.5-2 Units***In-Class Hours:* 26.25-105 laboratory

The topics covered in this course will provide students with the opportunity to develop advanced strengthening, conditioning, nutritional, and strategic plans for intercollegiate men's baseball. Athletes that participate in intercollegiate athletics need additional preparation to ensure optimal opportunity to excel at their highest level.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Repeatable for Credit:** Course may be repeated up to a maximum of 8 units of credit.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** E**IGETC:** None**ICA R160 Intercollegiate Cross Country-Women 3 Units***In-Class Hours:* 175 laboratory*Enrollment Limitations:* Must have permission by instructor for enrollment.

This course provides student athletes with the opportunity to develop advanced skills and the strategies in intercollegiate women's cross country which will be applied to competitive situations. Student athletes engaged in intercollegiate women's cross country should expect to compete against other institutions, travel, and put in additional hours beyond the normal activity load.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Repeatable for Credit:** Course may be repeated up to a maximum of 12 units of credit.**Field Trips:** Will be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** E**IGETC:** None**ICA R162 Conditioning for Cross Country 0.5-2 Units***In-Class Hours:* 26.25-105 laboratory

This course is designed for student-athletes to improve their physical conditioning and skill level to compete at intercollegiate cross country meets. It will provide students with advanced training, conditioning, nutritional, and racing plans for intercollegiate cross country competition. Athletes that participate in rigorous activity such as cross country are expected to follow the professional instruction provided in order to ensure optimal opportunity to excel at the next level.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Repeatable for Credit:** Course may be repeated up to a maximum of 8 units of credit.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** E**IGETC:** None**ICA R165 Conditioning for Athletes 0.5-2 Units***In-Class Hours:* 26.25-105 laboratory

This course is designed for student-athletes to improve their physical conditioning and skill level for a specific sport. Athletes who participate in intercollegiate athletics need additional preparation to ensure optimal opportunity to perform to the best of their ability.

**Grade Modes:** Letter Graded**Repeatable for Credit:** Course may be repeated up to a maximum of 8 units of credit.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**ICA R170 Intercollegiate Soccer-Women 3 Units***In-Class Hours:* 175 laboratory*Enrollment Limitations:* Must have permission by instructor for enrollment.

This course provides student-athletes with the opportunity to develop advanced skills and the strategies in intercollegiate women's soccer which will be applied to competitive situations. Student-athletes engaged in intercollegiate women's soccer should expect to compete against other institutions, travel, and put in additional hours beyond the normal activity load.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Repeatable for Credit:** Course may be repeated up to a maximum of 12 units of credit.**Field Trips:** Will be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** E**IGETC:** None

**ICA R172 Conditioning for Women's Soccer 0.5-2 Units***In-Class Hours:* 26.25-105 laboratory

The training and conditioning exercises covered in this course are designed with advanced forms of strength training, cardiovascular and skill work being emphasized. Out of season speed/endurance, stamina, and skill efficiency will be enhanced through use of different fitness parameters in preparing for the soccer season. The course is intended for student-athletes to improve their physical conditioning and strength for women's soccer. Athletes that compete in intercollegiate athletics need to prepare all year to ensure optimal opportunity to excel at their highest level.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Course may be repeated up to a maximum of 8 units of credit.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**ICA R180 Intercollegiate Softball-Women 3 Units***In-Class Hours:* 175 laboratory

*Enrollment Limitations:* Must have permission by instructor for enrollment.

This course provides student-athletes with the opportunity to develop advanced skills and the strategies in intercollegiate women's softball which will be applied to competitive situations. Student-athletes engaged in intercollegiate women's softball should expect to compete against other institutions, travel, and put in additional hours beyond the normal activity load.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Course may be repeated up to a maximum of 12 units of credit.

**Field Trips:** Will be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**ICA R182 Conditioning for Women's Softball 0.5-2 Units***In-Class Hours:* 26.25-105 laboratory

The topics covered in this course provide students with the opportunity to develop advanced strengthening, conditioning, nutritional, and strategic plans for intercollegiate women's softball. Athletes that participate in intercollegiate athletics need additional preparation to ensure optimal opportunity to excel at their highest level.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Course may be repeated up to a maximum of 8 units of credit.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**ICA R190A Intercollegiate Basketball-Women/Fall 3 Units***In-Class Hours:* 175 laboratory

*Enrollment Limitations:* Must have permission by instructor for enrollment.

This course provides student athletes with the opportunity to develop advanced skills and the strategies in intercollegiate women's basketball which will be applied to competitive situations. Student athletes engaged in intercollegiate women's basketball should expect to compete against other institutions, travel, and put in additional hours beyond the normal activity load.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Course may be repeated up to a maximum of 12 units of credit.

**Field Trips:** Will be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**ICA R190B Intercollegiate Basketball-Women/Spring 2 Units***In-Class Hours:* 105 laboratory

*Enrollment Limitations:* Must have permission by instructor for enrollment.

This course provides student athletes with the opportunity to develop advanced skills and the strategies in intercollegiate women's basketball which will be applied to competitive situations. Student athletes engaged in intercollegiate women's basketball should expect to compete against other institutions, travel, and put in additional hours beyond the normal activity load.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Course may be repeated up to a maximum of 8 units of credit.

**Field Trips:** Will be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**ICA R192 Conditioning for Women's Basketball 0.5-2 Units***In-Class Hours:* 26.25-105 laboratory

The topics covered in this course are designed to provide students with the opportunity to develop advanced strengthening, conditioning, nutritional, and strategic plans for intercollegiate women's basketball. Athletics that compete in intercollegiate athletics need additional preparation to ensure optimal opportunity to excel at their highest level.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Course may be repeated up to a maximum of 8 units of credit.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

For more information, contact:

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## Interdisciplinary Studies

### IDS R102 Science, Technology, and Human Values 3 Units

*Same-As:* ANTH R116

*In-Class Hours:* 52.5 lecture

Science and technology have the potential to improve our lives, yet they also challenge the basic values of our humanity. Utilizing an interdisciplinary approach, this course explores the impact of science and technology on human culture, history, and understanding. Through critical engagement with scientific and social theory we explore how science and technology impact human cultures and values and we question what these developments mean for human societies in a global context. We explore topics such as global climate change, pollution, the nature of knowledge, science and gender, surveillance and security, nuclear energy, fracking, weapons of mass destruction, communications, the internet, hacking, genetic modification, space exploration, cosmology, cloning, artificial intelligence and medicine.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C2, D

**IGETC:** 3B, 4

## Kinesiology

Students who wish to earn an A.A. or A.S. degree must successfully complete a minimum of one Health Education course and one Physical Education/Kinesiology course. See Oxnard College General Education (p. 330) for courses meeting these graduation requirements.

Uniform Requirements: The appropriate athletic gear for the course is required of all students

See **Health Education** for Health Education (HED) courses.

See **Intercollegiate Athletics** for ICA courses.

### Credit Limitations

The California State University (CSU) system accepts all PE courses for comparable semester credit.

The University of California (UC) system has credit limitations on PE/Kinesiology and Health courses as follows:

The UC will only give credit for one course in each of the following areas:

- Health Education
- First Aid
- Life Saving

UC Credit for Physical Education/Kinesiology Theory courses is limited to a maximum of **8** semester (12 quarter) units for all of these courses combined.

UC Credit for Physical Education activity courses is limited to **4** semester (6 quarter) units.

Please see ASSIST (<https://assist.org/>) or the Transfer Course Agreement (p. 105) (UC TCA) for information on specific courses.

## Program Student Learning Outcomes

Students informed in Physical Education will be able to:

- Articulate how to develop personal health and longevity through appropriate physical activity and theory courses.
- Demonstrate basic knowledge of functional human anatomy, physiology and biomechanics in relation to performing a variety of physical activity skills.
- Discover the role physical activity plays in achieving and maintaining quality of life.
- Demonstrate motivational techniques and applies them to create lifestyle changes in fitness and health.
- Apply fitness principles and biometric measures to design, develop, and implement an effective personalized fitness program.

### KIN R100 Introduction to Kinesiology 3 Units

*Formerly:* HED R110

*In-Class Hours:* 52.5 lecture

*C-ID:* KIN 100

This is an introductory course that surveys various disciplines related to the study of human movement. Students will examine the areas of history, sociology, biomechanics, physiology, and psychology as they relate to the sport and exercise environment. In addition, students will explore career pathways involving the study of human movement, teaching, research, and professional practice.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

### KIN R120A Kickboxing for Fitness I 1 Unit

*Formerly:* PE R131A

*In-Class Hours:* 52.5 laboratory

This physical education course uses kickboxing and conditioning techniques for losing weight, toning muscles and developing cardiorespiratory fitness. Kicking shields and focus mitts are used for training.

**Grade Modes:** Letter Graded

**Family:** College faculty have identified courses in the following list as a family: KIN R120A, KIN R120B, KIN R121A, KIN R121B. A student may take a maximum of four (4) courses from this family.

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**KIN R120B Kickboxing for Fitness II 1 Unit***In-Class Hours:* 52.5 laboratory*Prerequisites:* KIN R120A

Kickboxing offers students a workout that focuses on building cardiorespiratory endurance and fitness through its more advanced curriculum. Body conditioning and weight loss are emphasized. Training equipment including focus mitts and kicking shields are used in class.

**Grade Modes:** Letter Graded

**Family:** College faculty have identified courses in the following list as a family: KIN R120B, KIN R120A, KIN R121A, KIN R121B. A student may take a maximum of four (4) courses from this family.

**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** E**IGETC:** None**KIN R121A Boxing for Fitness I 1 Unit***Formerly:* PE R133A*In-Class Hours:* 52.5 laboratory

This course is designed to develop cardiorespiratory conditioning and fitness through the use of boxing techniques. The course also focuses on building muscle endurance, strength and weight management.

**Grade Modes:** Letter Graded

**Family:** College faculty have identified courses in the following list as a family: KIN R121A, KIN R120A, KIN R120B, KIN R121B. A student may take a maximum of four (4) courses from this family.

**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** E**IGETC:** None**KIN R121B Boxing for Fitness II 1 Unit***Formerly:* PE R133B*In-Class Hours:* 52.5 laboratory*Prerequisites:* KIN R121A

This course is designed to increase cardiorespiratory conditioning and fitness through the use of intermediate boxing techniques. Students will learn punching combinations along with defensive maneuvers such as bobbing and weaving, slipping and parrying punches. Students will be taught how to increase muscle strength, endurance and tone while also lowering and managing body weight. Proper use of training equipment will be demonstrated.

**Grade Modes:** Letter Graded

**Family:** College faculty have identified courses in the following list as a family: KIN R121B, KIN R120A, KIN R120B, KIN R121A. A student may take a maximum of four (4) courses from this family.

**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** E**IGETC:** None**KIN R122 Self-Defense 2 Units***Formerly:* PE R132; PE R132A*In-Class Hours:* 17.5 lecture, 52.5 laboratory

This activity course addresses issues of physical assault and self-defense. Students will learn basic self-defense skills that increase their chances of surviving an assault situation. The psychological and mental aspects of self-defense will also be explored.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** E**IGETC:** None**KIN R123 Escrima/Filipino Martial Arts 1 Unit***Formerly:* PE R134A*In-Class Hours:* 52.5 laboratory

Escrima is an ancient martial art system which evolved in the Philippines around the 9th century during the T'ang dynasty. It was outlawed during the Spanish conquest in the 16th century, yet preserved by the Filipinos who hid the art in dance. Escrima employs empty-hand techniques as well as traditional weapons. The course will focus on the artistic aspect of the art as well as its application in contemporary self-defense situations.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** E**IGETC:** None**KIN R124 Jujitsu 1 Unit***Formerly:* PE R130*In-Class Hours:* 52.5 laboratory

The art of jujitsu was historically used by the Samurai warrior class in Japan to defend themselves against the enemy. It continues to be practiced today and has gained great popularity due to mixed martial arts. Jujitsu is a well-rounded martial art that prepares students to respond to a physical assault. Students will learn how to break fall and roll, kick, punch, and defend themselves against an assailant. The application of joint locks, nerve manipulation, chokes, throws, and control tactics will also be taught. This course will also introduce students to basic grappling techniques.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** E2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** E**IGETC:** None

**KIN R140 Walking for Fitness 1 Unit**

*Formerly:* PE R146

*In-Class Hours:* 52.5 laboratory

This course is designed to provide exercise and fitness training for the walking student population. Emphasis is on cardiovascular conditioning and muscle strength, and endurance related specifically to walking. It is designed for students to participate in and achieve a more strenuous physical activity program.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**KIN R141 Running for Fitness 1 Unit**

*Formerly:* PE R143

*In-Class Hours:* 52.5 laboratory

This course is designed to provide exercise and fitness training for the moderate to active jogging or running student population. Emphasis is on cardiovascular conditioning and muscle strength, and endurance related specifically to jogging and running. It is designed for students to participate in and achieve a more strenuous physical activity program.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**KIN R142A Yoga I 1 Unit**

*Formerly:* PE R103A

*In-Class Hours:* 52.5 laboratory

This course introduces yoga techniques for beginners. Students will learn basic yoga positions and exercises, breath control, relaxation techniques, and stretching postures.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**KIN R142B Yoga II 1 Unit**

*Formerly:* PE R103B

*In-Class Hours:* 52.5 laboratory

*Prerequisites:* KIN R142A

Students will build on their knowledge and skills learned in Yoga I. Level II poses, asanas, flow combinations will be performed. Physiological and psychological benefits of Yoga will be discussed as well as integrating mind, body and spirit.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**KIN R143 Pilates Mat 1 Unit**

*Formerly:* PE R108

*In-Class Hours:* 52.5 laboratory

This course introduces the study and practice of Pilates, a conditioning program based on the teachings of Joseph H. Pilates. It emphasizes activities designed to reduce muscular imbalances and improve body alignment by incorporating strength, flexibility, and relaxation techniques. The focus of this course is on postural symmetry, breath control, abdominal and core strength, and joint mobility and stabilization.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**KIN R144 Core Stability and Stretch 1 Unit**

*Formerly:* PE R106

*In-Class Hours:* 52.5 laboratory

This course introduces a wide variety of concepts and physical conditioning techniques focusing on core musculature, balance, coordination, and flexibility. It includes movement skills using stability balls, functional integrated resistance exercises, basic yoga, Pilates, and other movement forms that elicit intrinsic and extrinsic core muscle conditioning, improved balance, and flexibility. Benefits of this course include enhanced posture, back comfort, body awareness, and muscular condition. Activities in this course are adapted to varied levels of ability and fitness.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None



**KIN R145A Body Conditioning Boot Camp I 1 Unit***Formerly:* PE R104A*In-Class Hours:* 52.5 laboratory

This course introduces boot camp-style methods for total body conditioning designed to improve cardiovascular and muscle endurance, muscular strength, agility, and flexibility. It provides a wide-range of fitness activities with interval training. It also includes both indoor and outdoor fast-paced activities over a variety of terrain, and emphasizes functionality that can enhance performance in everyday activities or sports which allows activities to be adapted to varied levels of ability and fitness.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**KIN R145B Body Conditioning Boot Camp II 1 Unit***Formerly:* PE R104B*In-Class Hours:* 52.5 laboratory*Prerequisites:* KIN R145A

This course is a total body conditioning group workout designed to improve cardiovascular fitness, muscle strength and muscular endurance. The class incorporates the use of a variety of resistance training systems and equipment to enhance agility, flexibility, balance training and body composition management. It may include both indoor and outdoor terrain and emphasizes functionality that can enhance performance in everyday activities and sports while encouraging lifelong physical fitness.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**KIN R146A Weight Training and Conditioning I 1 Unit***Formerly:* PE R150A*In-Class Hours:* 52.5 laboratory

This course focuses on the development of basic skills, coordination, muscular tone, and strength through the use of weight machines and free weights. Cardiovascular conditioning and nutrition are also emphasized.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**KIN R146B Weight Training and Conditioning II 1 Unit***Formerly:* PE R150B*In-Class Hours:* 52.5 laboratory*Prerequisites:* KIN R146A

This course builds upon goals established in Weight Training and Conditioning I to progress performance in cardiovascular conditioning, power lifting, weight loss, and endurance building. The course will incorporate the use of bodyweight exercises, kettlebells, medicine balls, and resistance bands as students learn to plan and execute a cardio-strength training program. Students will also learn to apply the principle of progressive overload to design and adapt a cardiovascular endurance training program and how to design a well-rounded muscular strength training program. The application of concepts of nutrition to meal planning for pre-workout, post-workout, and performance enhancement will also be covered in this course.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**KIN R147A Women's Conditioning I 2 Units***Formerly:* PE R148A*In-Class Hours:* 17.5 lecture, 52.5 laboratory

This course is designed to improve women's general physical condition in relation to cardiovascular endurance, flexibility, strength and general body toning. The course will include analysis of proper nutrition, weight control, stress reduction and cardiovascular efficiency. In learning how to establish a personal fitness program, students will examine a variety of exercise techniques and their effects on the body. Fitness assessments, nutritional guidelines and accurate heart rate monitoring will be essential to this course.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**KIN R147B Women's Conditioning II 2 Units***Formerly:* PE R148B*In-Class Hours:* 17.5 lecture, 52.5 laboratory*Prerequisites:* KIN R147A

This course is an advanced exploration of body conditioning to improve women's cardiovascular endurance, flexibility, strength and muscular endurance.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**KIN R148 Power Lifting and Free Weights 1 Unit**

*Formerly:* PE R107

*In-Class Hours:* 52.5 laboratory

This course builds strength, power and bulk using exercises which center on the development of core strength and multi-joint power lifts. Through the implementation of competitive drills and routines, the development of agility, quickness, coordination, balance and speed in the conditioning phase are emphasized.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**KIN R162A Soccer I 1 Unit**

*In-Class Hours:* 52.5 laboratory

This is a course in beginning soccer with emphasis on cardiovascular conditioning, techniques, rules and strategies of the team game. It is designed for students to increase their knowledge, skills, and techniques of the sport of soccer.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**KIN R162B Soccer II 1 Unit**

*Formerly:* PE R159B

*In-Class Hours:* 52.5 laboratory

*Prerequisites:* KIN R162A

This is a course in advanced soccer with emphasis on cardiovascular conditioning, techniques, rules and strategies of the team game. It is designed for students to increase their knowledge, skills, and techniques of the sport of soccer.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**KIN R163A Basketball I 1 Unit**

*In-Class Hours:* 52.5 laboratory

This is a course in beginning basketball with emphasis on cardiovascular conditioning, techniques, rules and strategies of full court game. It is an activity course designed for students to increase their knowledge, skills, and techniques of the sport of basketball.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**KIN R163B Basketball II 1 Unit**

*Formerly:* PE R155B

*In-Class Hours:* 52.5 laboratory

*Prerequisites:* KIN R163A

This is a course for intermediate or advanced basketball players with emphasis on cardiovascular conditioning, techniques, rules and advanced strategies of the full court game. It is an activity course designed for students to increase their knowledge, skills, and techniques of the sport of basketball.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**KIN R164A Baseball I 1 Unit**

*Formerly:* PE R156A

*In-Class Hours:* 52.5 laboratory

This is a course in beginning baseball with emphasis on cardiovascular conditioning, techniques, rules and strategies of the team game. It is an activity course designed for students to increase their knowledge, skills, and techniques of the sport of baseball.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**KIN R164B Baseball II 1 Unit**

*Formerly:* PE R156B

*In-Class Hours:* 52.5 laboratory

*Prerequisites:* KIN R164A

This is a course in advanced baseball with emphasis on specific baseball conditioning, intricate baseball skills, rules and strategies of the team game. It is an activity course designed for students to increase their knowledge, skills, and techniques of the sport of baseball.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**KIN R165A Volleyball I 1 Unit***Formerly:* PE R161A*In-Class Hours:* 52.5 laboratory

This course teaches the basic skills of playing volleyball. Techniques, strategy and rules of the game are covered. Conditioning and fitness development are also emphasized, as well as nutrition guidelines for volleyball participants.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

**KIN R165B Volleyball II 1 Unit***In-Class Hours:* 52.5 laboratory*Prerequisites:* KIN R165A

This course teaches advanced skills for playing volleyball. Techniques, strategy and rules of the game are covered. Conditioning and fitness development are also emphasized, as well as nutrition guidelines for volleyball participants.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**KIN R199 Directed Studies in Kinesiology 1-3 Units***In-Class Hours:* 52.5-157.5 laboratory

This course is designed for selected students interested in furthering their knowledge of kinesiology on an independent study basis; assigned problems will involve library, lab, and field work.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

- Kinesiology, Associate in Arts for Transfer (p. 372)

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## Kinesiology, Associate in Arts for Transfer

The Associate in Arts in Kinesiology for Transfer (AA-T) offers a comprehensive program of study of the movement of the human body and includes courses in sports, fitness, human anatomy and physiology. The program is designed to prepare students for professions involving physical activity, exercise, and the science of human movement and its relationship to human health and disease, and for graduate study in related areas. The bachelor's degrees in Kinesiology offered at the CSU span a wide range of options such as exercise and human performance, motor learning, biomechanics, sports, dance, physical education, pre-physical therapy, and teaching health and wellness. Graduates in the field may find career opportunities in the areas of athletic training, coaching, health and fitness businesses, physical education, public health, and therapeutic exercise and rehabilitation.

The Associate in Arts in Kinesiology for Transfer (AA-T in Kinesiology) is intended for students who plan to complete a bachelor's degree in Kinesiology or a "similar" major at a CSU campus. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, although not necessarily to a particular CSU campus or major.

**To earn an AA-T in Kinesiology degree, students must:**

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 21 semester units in the Kinesiology major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that accepts the Kinesiology AA-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		<b>14</b>
KIN R100	Introduction to Kinesiology	
ANAT R101	General Human Anatomy	
PHSO R101	Human Physiology	
<b>Movement Based Courses:</b>		<b>9</b>
Select a maximum of one course from three of the following areas for a minimum of 3 units:		
<b>Combatives</b>		
KIN R120A	Kickboxing for Fitness I	
KIN R120B	Kickboxing for Fitness II	
KIN R121A	Boxing for Fitness I	
KIN R121B	Boxing for Fitness II	
KIN R123	Escrima/Filipino Martial Arts	
KIN R124	Jujitsu	
<b>Dance</b>		
DANC R102A	Modern Dance I	
DANC R102B	Modern Dance II	
DANC R104A	Modern Jazz I	
DANC R104B	Modern Jazz II	
DANC R110A	Mexican Folklorico Dance I	
DANC R110B	Mexican Folklorico Dance II	
DANC R112A	Introduction to Hip-Hop Dance	
DANC R112B	Beginning Hip-Hop Dance	
<b>Fitness</b>		
KIN R140	Walking for Fitness	
KIN R141	Running for Fitness	
KIN R142A	Yoga I	
KIN R142B	Yoga II	
KIN R143	Pilates Mat	
KIN R144	Core Stability and Stretch	
KIN R145A	Body Conditioning Boot Camp I	
KIN R145B	Body Conditioning Boot Camp II	
KIN R146A	Weight Training and Conditioning I	
KIN R146B	Weight Training and Conditioning II	
KIN R147A	Women's Conditioning I	
KIN R147B	Women's Conditioning II	
KIN R148	Power Lifting and Free Weights	
<b>Individual Sports</b>		
KIN R123	Escrima/Filipino Martial Arts	
KIN R124	Jujitsu	
<b>Team Sports</b>		
KIN R162A	Soccer I	
KIN R162B	Soccer II	
KIN R163A	Basketball I	
KIN R163B	Basketball II	
KIN R164A	Baseball I	
KIN R164B	Baseball II	
KIN R165A	Volleyball I	
KIN R165B	Volleyball II	

**List A****6**

Select two courses from the following:	
MATH R105	Introductory Statistics
or MATH R105H	Honors: Introductory Statistics
or PSY R103	Beginning Statistics for Behavioral Science
or SOC R125	Statistics for the Behavioral and Social Sciences
CHEM R110	Elementary Chemistry
or CHEM R120	General Chemistry I
PHYS R101	College Physics 1
& R101L	and College Physics 1 Laboratory
or PHYS R131	Physics for Scientists and Engineers 1
HED R105	CPR, AED, First Aid, and Personal Safety
<b>Total Required Major Units</b>	<b>21-27</b>
<b>CSU General Education</b>	<b>39</b>
Double-Counted Units	- 9-12
Electives (CSU transferable units needed to reach 60)	3-12
<b>Total Units Required for AA-T Degree</b>	<b>60</b>
OR	
<b>IGETC</b>	<b>37</b>
Double-Counted Units	- 6-9
Free Elective Required	2-11
<b>Total Units Required for AA-T Degree</b>	<b>60</b>

Upon successful completion of this program, students will be able to:

- Articulate how to develop personal health and longevity through appropriate physical activity and theory courses.
- Demonstrate basic knowledge of functional human anatomy, physiology and biomechanics in relation to performing a variety of physical activity skills.
- Discover the role physical activity plays in achieving and maintaining quality of life.
- Demonstrate motivational techniques and apply them to create lifestyle changes in fitness and health.
- Apply fitness principles and biometric measures to design, develop, and implement an effective personalized fitness program.

## Law, Public Policy, and Society

- Law, Public Policy, and Society, Associate in Arts for Transfer (p. 373)

For more information contact:

Liberal Studies Division Office (805) 678-5804

## Law, Public Policy, and Society, Associate in Arts for Transfer

The Associate in Arts in Law, Public Policy, and Society for Transfer (AA-T in Law, Public Policy, and Society) is an interdisciplinary major that focuses on the development of communication skills, introduces students to the legal field, and prepares students for further study in a variety of majors deemed "similar" at the California State University (CSU) including but not limited to American Studies, Communications, Criminal Justice, Criminology, Global Intelligence and National Security, International Relations, Philosophy, Political Science, Social and Behavioral Science. For a current list of what majors (and what options or areas of emphasis within those majors) have been designated as

“similar” to this degree at each CSU campus, please refer to CSU’s Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) webpage and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

For students interested in pursuing a Bachelor’s degree in pre-law, California State University, Northridge (CSUN) accepts this degree as similar to their Political Science with an option in Law and Society, Sonoma State University accepts it for their degree in Philosophy with Pre-Law/Applied Ethics, and CSU, Chico accepts it for Political Science with a Legal Studies emphasis.

For students interested in Public Administration, the following CSU’s accept this degree as similar to their Public Administration majors: San Diego State University (SDSU), CSU Chico, and CSU Fullerton.

**To earn an AA-T in Law, Public Policy, and Society, students must:**

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 31 semester units in the Law, Public Policy, and Society major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of “C” or better or “P” in all courses required in the major. Even though a “pass-no-pass” is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that accepts the Law, Public Policy, and Society AA-T will be required to complete no more than 60 units after transfer to earn a bachelor’s degree (unless the major is a designated “high-unit” major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		<b>24</b>
<b>Complete the following Law course</b>		
POLS R102	Introduction to Law and Society	3
<b>Complete one Ethics course</b>		
PHIL R102	Introduction to Ethics	3
or PHIL R102H	Honors: Introduction to Ethics	
<b>Complete one Public Speaking course</b>		
COMM R101	Introduction to Oral Communication	3
COMM R107	Argumentation and Debate	3

COMM R110	Small Group Communication	3
<b>Complete one Composition course</b>		
ENGL R101	College Composition	4
or ENGL R101H	Honors: College Composition	
<b>Complete one course in Persuasion</b>		
COMM R107	Argumentation and Debate <sup>1</sup>	3
ENGL R128	Composition and Critical Thinking through Non-Fiction	3
PHIL R107	Introduction to Logic	3
<b>Complete one statistics course</b>		
MATH R105	Introductory Statistics	4
or MATH R105H	Honors: Introductory Statistics	
PSY R103	Beginning Statistics for Behavioral Science	3
SOC R125	Statistics for the Behavioral and Social Sciences	3
<b>Complete one U.S. History course</b>		
HIST R130	History of the United States I	3
or HIST R130H	Honors: History of the United States I	
HIST R140	History of the United States II	3
or HIST R140H	Honors: History of the United States II	
<b>Complete a Government course</b>		
POLS R101	Government of the United States I: Institutions and Politics	3
<b>List A:</b>		
Complete a total of two courses not already selected from areas listed below		
<b>Area 1: Administrative Justice/Criminal Justice/Criminology</b>		
SOC R116	Crime and Society	3
<b>Area 2: Business</b>		
BUS R111	Business Law	3
<b>Area 3: Economics</b>		
ECON R201	Introduction to the Principles of Microeconomics	3
or ECON R201H	Honors: Introduction to the Principles of Microeconomics	
ECON R202	Introduction to the Principles of Macroeconomics	3
or ECON R202H	Honors: Introduction to the Principles of Macroeconomics	
<b>Area 4: Political Science</b>		
POLS R120	Political Theory	3
POLS R108	Comparative Politics	3
POLS R104	Introduction to International Relations	3
POLS R100	Introduction to Politics	3
<b>Area 5: Public Policy</b>		
GLST R101	Introduction to Global Studies	3
GLST R102	Global Issues and Problems	3
SJS R110	Introduction to Social Justice Studies	3
SOC R102	Social Problems	3
<b>Area 6: Diversity</b>		
ANTH R102	Introduction to Cultural Anthropology	3
or ANTH R102H	Honors: Introduction to Cultural Anthropology	
COMM R113	Intercultural Communication	3



GEOG R105	Introduction to Human Geography	3
SOC R104/PSY R107	Sex Roles	3
SOC R140	Sociology of Gender	3
SOC R103	Race and Ethnic Relations	3
ANTH/ETHS R107	The Anthropology of Native Americans	3
ANTH/ETHS R114	African American Culture and Experience	3
CHST R101	Introduction to Chicana/o Studies	3
SJS R120	Introduction to Women's Studies	3
SJS R130	Introduction to LGBTQ Studies	3
SOC/CHST R108	Sociology of the Chicano Community	3

**Area 7: College Success**

PG R102	College Success	3
<b>Total Units Required Major Units</b>		<b>31-32</b>
CSU GE-Breadth		39
Double-Counted Units		- 21-27
Free Electives Required		10-17
<b>Total Units Required for AA-T Degree</b>		<b>60</b>
OR		
<b>Total Required Major Units</b>		<b>31-32</b>
IGETC		37
Double-Counted Units		- 21-24
Free Electives Required		12-16
<b>Total Units Required for AA-T Degree</b>		<b>60</b>

1

COMM R107 may only be chosen in this area if not used to complete the public speaking requirement above

Upon successful completion of this program, students will be able to:

- Describe the American legal system including its development, structure, and history.
- Articulate their views on legal and political issues.
- Evaluate diverse viewpoints.
- Demonstrate a working knowledge of research methods and identify research questions, hypothesize and analyze, critique, and integrate source materials.

## Learning Skills

The Learning Skills courses offered by Oxnard College have been designed to meet the special instructional needs of students with disabilities and to prepare the students for certificate and degree programs in line with the mission of the College. Students are encouraged to seek guidance and support services through the Educational Assistance Center (<https://www.oxnardcollege.edu/departments/student-services/educational-assistance-center/>).

## Program Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- Acquire test taking skills and techniques.
- Improve reading comprehension, use a dictionary, write paragraphs, demonstrate correct punctuation and develop proofreading skills.
- Determine what memory strategies to use when using textbooks. Utilize a computer-based word processing program.

- Acquire basic math skills and demonstrate strategies for solving word problems.

### LS R003 Study Skills for Learning Disabled Students 1 Unit

*In-Class Hours:* 17.5 lecture

This course is designed to develop strategies for studying for college level courses. It will include instruction on scheduling, outlining, decision-making skills, goal setting and planning, and self-assessments. Introduces strategies and skills to enhance academic success and personal growth for lifelong learning. Including gaining self-awareness of personal responsibility, motivation, career and life planning, goal setting, communication, stress reduction and the development of a self-management system.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### LS R006 Improving Memory Strategies 3 Units

*In-Class Hours:* 52.5 lecture

This course provides instruction in specific memory strategies to improve learning, remembering, and studying. This course is intended for students with learning disabilities or other memory difficulties.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### LS R016A Fundamentals of Mathematics I 4 Units

*In-Class Hours:* 70 lecture

*Advisories/Rec Prep:* ACT R016

This course is designed to assist students who have difficulty understanding and applying mathematical concepts. The course will cover basic operations with whole numbers, order of operations, fractions, decimals, and word problems. This course will also include test taking, mnemonic and memory strategies for learning and recalling mathematical operations.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### LS R016B Fundamentals of Mathematics II 4 Units

*In-Class Hours:* 70 lecture

*Advisories/Rec Prep:* LS R016A and concurrent enrollment in ACT R016

This course is designed for students who have difficulty understanding and applying mathematical concepts. The course will cover ratio, proportion, percent, introduction to algebra, basic introduction to measurement and statistics and introduction to geometry. The class will also include test-taking, mnemonic, and memory strategies for learning and recalling basic mathematical operations.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**LS R017A Basic Reading Skills for Learning Disabled I 3 Units***In-Class Hours:* 52.5 lecture

This course is intended for students with learning disabilities or other reading difficulties. This course provides preparation and foundation oral and written language comprehension, reading fluency, dictionary skills, and textbook reading strategies.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**LS R017B Basic Reading Skills for Learning Disabled II 3 Units***In-Class Hours:* 52.5 lecture

This course is intended for students with learning disabilities or other reading difficulties. This course provides preparation and foundation oral and written language comprehension, reading fluency, dictionary skills, textbook reading strategies. It is intended to help prepare students for College level courses.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**LS R018A Improving Written Language Skills I 3 Units***In-Class Hours:* 52.5 lecture

This course is intended for students with learning disabilities or other written language difficulties. It provides instruction in basic sentence writing skills including subject/verb identification, writing and recognizing simple, compound, complex, and compound-complex sentences, and the punctuation appropriate to each.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**LS R018B Improving Written Language Skills II 3 Units***In-Class Hours:* 52.5 lecture

*Advisories/Rec Prep:* LS R018A or demonstrated ability to write four types of sentences including: simple, compound, complex, and compound-complex sentences

This course is intended for students with learning disabilities or other written language difficulties. This course provides preparation and foundation in basic grammar, proofreading strategies, and paragraph development, including the use of topic sentence, supporting details, and closing sentences. It is intended to prepare students for Basic English Skills courses.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**LS R021 Preparing for Speech and Group Work in the College Setting 3 Units***In-Class Hours:* 52.5 lecture

This class is an introductory speech course for students who may have utilized or needed speech and language services in K-12. This course encourages the development of communication skills necessary for adjustment and success in non-Learning Skills courses and on the job. The course provides a safe environment to increase confidence in the spoken language, including communication in the classroom, group, and public speaking activities. In addition to learning techniques for successful behavior in these settings, students will engage in activities to strengthen these skills.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

*For more information, contact:*

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## Lifeguarding (Open Water)

**FT R090 USLA Lifeguard Academy I 3 Units***In-Class Hours:* 35 lecture, 52.5 laboratory

*Enrollment Limitations:* Valid CPR Card (BLS) Health Care Provider, and Title 22 First Aid or EMT R109 (Emergency Medical Responder) or EMT R169 (Emergency Medical Technician) or equivalent, and Swim Test Completion 500 yards within 12 minutes.

The Oxnard College Lifeguard Academy is a 90 hour foundational course for aspiring emergency medical responders interested in career opportunities as Open Water Rescuers; either within lifeguard agencies or the fire service. This rigorous academy includes lecture and hands on training in the ocean environment and follows the United States Lifesaving Association required course curriculum for Aquatic Rescue Response Teams, Open Water Lifeguard Certification, and meets the State Fire Marshal requirements for Open Water Rescuer-Basic. The course will include training in marine weather, aquatic hazards, communications, lifesaving rescue techniques, specialized equipment use, medical aid, lifesaving history and aquatic agency career paths. Successful completion of this course requires that students be athletically fit with strong swimming skills and maintain an 80% passing grade for all academic and manipulative tests per State Fire Training.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E1

**Transfer Credit:** None

- USLA Lifeguard Academy I, Proficiency Award (p. 376)

## USLA Lifeguard Academy I, Proficiency Award

This proficiency award recognizes the completion of the Oxnard College Lifeguard Academy I, a 90-hour introductory level course for aspiring emergency responders interested in career opportunities as Open Water Aquatic Rescuers either within lifeguard agencies or the fire service. This rigorous academy includes lecture and hands-on training in the ocean environment and follows the United States Lifesaving Association required course curriculum for Aquatic Rescue Response Teams and

Open Water Lifeguard Certification. The course will include training in marine weather, aquatic hazards, communications, lifesaving rescue techniques, specialized equipment use, night rescues, medical aid, lifesaving history and aquatic agency career paths. To successfully complete the academy students must be athletically fit with strong swimming skills.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
FT R090	USLA Lifeguard Academy I	3
<b>Total Units</b>		<b>3</b>

Upon successful completion of this program, students will be able to:

- Complete the USLA swim test of 500 meters in less than 10 minutes.
- Perform open water rescue.
- Recognize and execute hand signals used during ocean rescues.

## Marine Studies

Marine studies is the interdisciplinary study of the oceans and the life in and dependent on them. The Marine Studies program offers courses in marine biology, oceanography, and field studies both on the Oxnard College Campus and the Oxnard College Marine Center and Aquarium at Channel Islands Harbor. By taking courses in this discipline you will learn about marine and coastal environments, study at a beautiful location, and earn your general education credits in science or apply them toward your major for your AA, AS, or Associate Degree for Transfer (ADT).

## Program Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- Conduct research and information gathering using a variety of sources such as: texts, tables, graphs, maps, media, personal communication, observation and electronic databases.
- Apply general math skills such as unit conversion, ratios, and percentages to solving simple rate problems; evaluate data, produce and interpret tables and graphs; apply the metric system of measurement.
- Acquire knowledge and skills sufficient to allow one to pursue more advanced study in marine studies or find employment in marine studies related fields.
- Demonstrate scientific literacy by defining and explaining the major steps in the scientific method of investigation, specifically, the difference between empirical data, interpretation, testable hypothesis, theory, paradigm, speculation, and pseudo-science.
- Recognize applications of marine studies in everyday life. Identify the first step of the scientific method as "observation".
- Display written and verbal competency in the description and analysis of marine studies subject matter.

### MST R100 Marine Biology 3 Units

*Same-As:* BIOL R100

*In-Class Hours:* 52.5 lecture

*Advisories/Rec Prep:* READ R095 or ESL R095 and ENGL R097 or ENGL R100 or ENGL R101

This course provides an introduction to the diversity of marine organisms and the physical and biological processes that influence their life history, behavior, distribution, and anatomical structure. Topics also address the interactions of these organisms and processes in a variety of habitats, marine ecology, and marine conservation.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B2

**IGETC:** 5B

### MST R100L Marine Biology Laboratory 1 Unit

*Same-As:* BIOL R100L

*In-Class Hours:* 52.5 laboratory

*Prerequisites:* BIOL R100 or concurrent enrollment

*Advisories/Rec Prep:* READ R095 or ESL R095 and ENGL R097 or ENGL R100 or ENGL R101

This laboratory course provides an introduction to the diversity of marine organisms and the physical and biological processes that influence their structure, life history, and behavior.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B3

**IGETC:** 5C

### MST R103 Introduction to Oceanography 3 Units

*Same-As:* GEOL R103

*In-Class Hours:* 52.5 lecture

This course is a broad survey of the field of oceanography. Topics include geology and geography of the ocean basins and coastlines, plate tectonics, waves, currents, tides, properties of seawater, methods of oceanographic exploration, and an introduction to Marine Biology.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B1

**IGETC:** 5A

**MST R103L Introduction to Oceanography Laboratory 1 Unit***Same-As:* GEOL R103L*In-Class Hours:* 52.5 laboratory*Prerequisites:* GEOL R103 or MST R103 or concurrent enrollment

This course is the laboratory to accompany GEOL R103. Topics include introduction to ocean/atmosphere relationships, interpretation of bathymetric maps, applied methods of measurement, and descriptive analysis of the physical ocean, including beaches, ocean currents, waves, and water properties.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B3**IGETC:** 5C**MST R170 Biological Marine Resource Management 1 Unit***Same-As:* BIOL R170*In-Class Hours:* 52.5 laboratory*Corequisites:* GEOL R178 or MST R178

This field course is an introduction to topics in marine biology related to current resource management issues in this region. Trips to natural areas where biological, geological, and oceanographic resources can be observed will be combined with related information about resource management at the federal, state, and local levels.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** Will be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**MST R178 Geological Marine Resources 1 Unit***Same-As:* GEOL R178*In-Class Hours:* 52.5 laboratory*Corequisites:* MST R170 or BIOL R170

This field course is an introduction to topics in marine geology related to current resource management issues in this region. Trips to areas where geological, biological, and oceanographic resources can be observed will be combined with related information about resource management and the requirements and applications of federal, state, and local laws and regulations related to marine resource management.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** Will be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**MST R199 Directed Studies in Marine-Related Topics 1-3 Units***In-Class Hours:* 52.5-157.5 laboratory*Prerequisites:* BIOL R100 and BIOL R100L; or, BIOL R101 or BIOL R101H and BIOL R101L; or, BIOL R120 and BIOL R120L; or, BIOL R122 and BIOL R122L; or ESRM R100 and ESRM R100L; or GEOL R103 and GEOL R103L; or, MICR R100 and MICR R100L; or, MST R100 and MST R100L; or, MST R103 and MST R103L

This course is designed to prepare students with existing background knowledge of marine systems for further studies in Marine Sciences. Students will have the opportunity to conduct a research project on an ocean related topic including its habitats, resources, or interactions with terrestrial and atmospheric systems. Project findings will be presented in scientific poster format, video, protocol or research publication.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None*For more information contact:***Dr. Shannon Newby****(805) 678-5050****(805) 985-9801**

snewby@vcccd.edu (snewby@vcccd.edu)

## Mathematics

The Mathematics Program at Oxnard College offers courses to meet the needs of a variety of students. Whether you wish to refresh your math skills, complete the requirements for your Associate degree, or transfer to a four-year institution, we have the right course for you.

Our standard courses range from Algebra through Calculus, Differential Equations, and Linear Algebra. Furthermore, courses such as Statistics, Business Calculus, and Math for Elementary School Teachers give the student special tools for competing in specific careers or programs.

## Additional Support Courses

MATH R105 Introductory Statistics (Units: 4), MATH R106 Business Calculus (Units: 4), and MATH R115 College Algebra (Units: 4) have additional support for students who would like extra help. These classes are excellent opportunities for students who want to finish their academics faster.

## University of California Limitation on Transfer of Statistics Courses

The UC will give credit for a maximum of one Statistics course:

Course ID	Title	Units/ Hours
MATH R105	Introductory Statistics	4
MATH R105H	Honors: Introductory Statistics	4
PSY R103	Beginning Statistics for Behavioral Science	3
SOC R125	Statistics for the Behavioral and Social Sciences	3

**NOTE:** The UC limits enrollment in some courses. See the UC Transfer Course Agreement (p. 105) page for details.

**MATH R005 Beginning and Intermediate Algebra for Statistics and Liberal Arts 6 Units**

*In-Class Hours:* 105 lecture

This is a course in algebra designed to meet the intermediate algebra competencies for an AA or AS degree and to expose students to concepts and applications faced in statistics and liberal arts.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** D2

**Transfer Credit:** None

**MATH R015 Beginning and Intermediate Algebra 6 Units**

*In-Class Hours:* 105 lecture

This is a course in algebra for students intending to continue on towards Calculus. Emphasis is on applications of mathematics to science and logical problems. Students will learn to analyze and interpret problems while developing inductive and deductive logic skills to apply to verbal and quantitative problems. The topics include simplifying rational expressions, solving rational equations, solving problems and applications involving systems of three variables, graphing systems of inequalities in two variables, simplifying expressions involving positive, negative, and rational exponents, performing mathematical operations on radical expressions and solving radical equations, solving quadratic equations and their applications using multiple methods, graphing and evaluating elementary functions, using definitions, domain and range, algebra and composition of functions on related applications, solving elementary exponential and logarithmic equations and related applications.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** D2

**Transfer Credit:** None

**MATH R055S Algebra Support for MATH R105 2 Units**

*In-Class Hours:* 35 lecture

*Corequisites:* MATH R105

This corequisite support course is to be taken concurrently with MATH R105, Introductory Statistics. Emphasis is placed on foundational skills which are necessary for a student to successfully complete MATH R105. This course offers support for Introductory Statistics topics along with study skills development.

**Grade Modes:** Pass/No Pass Grading

**Degree Applicability:** Not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**MATH R065S Algebra Support for MATH R101 or MATH R115 2 Units**

*In-Class Hours:* 35 lecture

*Corequisites:* MATH R115 OR MATH R101

This corequisite support course is to be taken concurrently with MATH R101, Mathematics for the Liberal Arts Major, OR MATH R115, College Algebra. Emphasis is placed on foundational skills which are necessary for a student to successfully complete MATH R101 or MATH R115. This course offers support for College Algebra topics along with study skills development.

**Grade Modes:** Pass/No Pass Grading

**Degree Applicability:** Not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**MATH R066S Algebra Support for MATH R106 2 Units**

*Formerly:* MATH R098T

*In-Class Hours:* 35 lecture

*Corequisites:* MATH R106

This corequisite support course is to be taken concurrently with MATH R106, Business Calculus. Emphasis is placed on foundational skills which are necessary for a student to successfully complete MATH R106. This course offers support for Business Calculus topics along with study skills development.

**Grade Modes:** Pass/No Pass Grading

**Degree Applicability:** Not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**MATH R098Z Math Success Skills III 1 Unit**

*In-Class Hours:* 1 lecture

This course explores simple, effective and efficient techniques to enhance math learning. The techniques will be applied while preparing students for MATH R014 or MATH R032. Course is offered Pass/No Pass (P/NP) only. Course is offered Pass/No Pass (P/NP) only.

**Grade Modes:** Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

**MATH R101 Mathematics for the Liberal Arts Major 3 Units**

*In-Class Hours:* 52.5 lecture

*Prerequisites:* MATH R005 or MATH R015 or placement as determined by the college's multiple measures assessment process

*C-ID:* MATH 150

This is an advanced course in algebra for majors in the liberal arts (English, Art, History, Philosophy, Foreign Languages, Music, Theatre, Dance, Film). This course focuses on how to solve and apply equations that include rational, linear, absolute value, polynomial, exponential, and logarithmic equations; solve linear and nonlinear systems of equations and inequalities; apply functions and other algebraic techniques to model real world applications. This course includes applications to many areas within liberal arts fields.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** D2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B4

**IGETC:** 2A



**MATH R102 Mathematics for Elementary School Teachers 4 Units***In-Class Hours:* 52.5 lecture, 52.5 laboratory*Prerequisites:* MATH R005 or MATH R015 or placement as determined by the college's multiple measures assessment process*C-ID:* MATH 120

This course is designed for candidates pursuing an elementary teaching credential. It focuses on the development of quantitative reasoning skills through in-depth, integrated explorations of topics in mathematics, including: the real number system and subsystems, patterns and sequences, basic set theory, logic, and mathematical induction. Emphasis is on comprehension and analysis of mathematical concepts and applications of logical reasoning.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B4**IGETC:** None**MATH R105 Introductory Statistics 4 Units***In-Class Hours:* 70 lecture*Prerequisites:* MATH R005 or MATH R015 or placement as determined by the college's multiple measures assessment process*C-ID:* MATH 110

This course covers descriptive and inferential statistics for students of social sciences, science, education, business, and engineering. Included are discussions of graphing and interpreting graphs, measures of the center and variation, probability, normal curves, binomial tests, hypothesis testing, correlation and regression, chi-square tests, t-tests, and analysis of variance. This course uses technology to analyze data sets. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P".

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B4**IGETC:** 2A**MATH R105H Honors: Introductory Statistics 4 Units***In-Class Hours:* 70 lecture*Prerequisites:* MATH R005 or MATH R015 or placement as determined by the college's multiple measures assessment process*C-ID:* MATH 110

This course covers descriptive and inferential statistics for students of social sciences, science, education, business, and engineering. Included are discussions of graphing and interpreting graphs, measures of the center and variation, probability, normal curves, binomial tests, hypothesis testing, correlation and regression, chi-square tests, t-tests, and analysis of variance. This course uses technology to analyze data sets. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications, and enrichment opportunities. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P".

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B4**IGETC:** 2A**MATH R106 Business Calculus 4 Units***In-Class Hours:* 70 lecture*Prerequisites:* MATH R015 or placement as determined by the college's multiple measures assessment process*Advisories/Rec Prep:* MATH R115 or equivalent*C-ID:* MATH 140

This course presents a study of the calculus techniques with an emphasis on the application of concepts to business and management related problems. Further, the course addresses the application of derivatives and integrals of functions including polynomials, rational, exponential and logarithmic functions.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B4**IGETC:** 2A**MATH R115 College Algebra 4 Units***In-Class Hours:* 70 lecture*Prerequisites:* MATH R015 or placement as determined by the college's multiple measure assessment process*C-ID:* MATH 151

An advanced course in algebra, this course focuses on the study of functions and their graphs. Students will analyze and graph functions (absolute value, radical, polynomial, rational, exponential, and logarithmic). Topics also include inequalities, conic sections, systems of equations and inequalities, matrices, sequences, and series. This course includes applications to many areas including business and sciences.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B4**IGETC:** 2A

**MATH R116 College Trigonometry 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* MATH R015 or placement as determined by the college's multiple measures assessment process*Advisories/Rec Prep:* MATH R115 or concurrent enrollment*C-ID:* MATH 851

This course is designed to give Calculus-bound students a solid foundation in trigonometric functions. Emphasis will be placed on trigonometric functions, their inverses and their graphs, identities and proofs related to trigonometric expressions, trigonometric equations, solving right triangles, solving triangles using the Law of Cosines and the Law of Sines, polar coordinates, and introduction to vectors.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D2**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** B4**IGETC:** None**MATH R117 Precalculus and Trigonometry 6 Units***In-Class Hours:* 105 lecture*Prerequisites:* MATH R015 or placement as determined by the college's multiple measures assessment process*C-ID:* MATH 955

This course gives the calculus-bound student a solid foundation in precalculus algebra and analytic trigonometry, with emphasis on function concepts and graphing. Topics include equations and inequalities, analytic geometry of lines and conic sections, properties of functions, techniques of graphing, elementary functions (linear, quadratic, rational, exponential, logarithmic, and trigonometric) and inverse functions, trigonometric identities and equations, polar graphing, optimization applications, systems of equations, theory of equations, mathematical induction, binomial theorem, sequences, and series.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B4**IGETC:** 2A**MATH R120 Calculus with Analytic Geometry I 5 Units***In-Class Hours:* 87.5 lecture*Prerequisites:* MATH R115 and MATH R116 or MATH R117 or placement as determined by the college's multiple measures assessment process*C-ID:* MATH 210

This is a first course in differential and integral calculus of a single variable. Topics include functions; limits and continuity; techniques and applications of differentiation and integration; and the Fundamental Theorem of Calculus.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B4**IGETC:** 2A**MATH R121 Calculus with Analytic Geometry II 5 Units***In-Class Hours:* 87.5 lecture*Prerequisites:* MATH R120 or placement as determined by the college's multiple measures assessment process*C-ID:* MATH 220, MATH 900 S

This is the second course in the differential and integral calculus of a single variable series. Topics include integration; techniques of integration; infinite sequences and series; polar and parametric equations; and applications of integration.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B4**IGETC:** 2A**MATH R122 Calculus with Analytic Geometry III 5 Units***In-Class Hours:* 87.5 lecture*Prerequisites:* MATH R121*C-ID:* MATH 230

As the third semester course in the calculus sequence, this course introduces the calculus of several variables and solid analytic geometry. It includes vector valued functions, calculus of functions of more than one variable, partial derivatives, multiple integration, Green's Theorem, Stoke's Theorem, and the divergence theorem.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B4**IGETC:** 2A**MATH R134 Linear Algebra 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* MATH R121*C-ID:* MATH 250

This course develops the techniques and theory needed to solve and classify systems of linear equations. Solution techniques include row operations, Gaussian elimination, and matrix algebra. Students will investigate the properties of vectors in two and three dimensions, leading to the notion of an abstract vector space. Vector space and matrix theory are presented including topics such as inner products, norms, orthogonality, eigenvalues, eigenspaces, and linear transformations. Selected applications of linear algebra are included.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B4**IGETC:** 2A

**MATH R143 Differential Equations 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* MATH R121*C-ID:* MATH 240, MATH 910 S

The course is an introduction to ordinary differential equations including both quantitative and qualitative methods as well as applications from a variety of disciplines. The course introduces the theoretical aspects of differential equations, including establishing when solution(s) exist, and techniques for obtaining solutions, including series solutions, and singular points, Laplace transforms and linear systems.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B4**IGETC:** 2A**MATH R148 Programming and Problem-Solving in MATLAB 3 Units***Same-As:* ENGR R148*In-Class Hours:* 35 lecture, 52.5 laboratory*Prerequisites:* MATH R120*C-ID:* ENGR 220

This course utilizes the MATLAB environment to provide students with a working knowledge of computer-based problem-solving methods relevant to science and engineering. It introduces the fundamentals of procedural and object-oriented programming, numerical analysis, and data structures. Examples and assignments in the course are drawn from practical applications in engineering, physics, and mathematics.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**MATH R199 Directed Studies in Math 1-3 Units***In-Class Hours:* 17.5-52.5 lecture*Prerequisites:* MATH R005 or MATH R015 or placement as determined by the college's multiple measures assessment process

This transfer-level course is designed for students interested in furthering their knowledge on an independent study basis. Topics will vary, depending on the individually designed plan of study and project(s), including a weekly consultation with the instructor.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

- Mathematics, Associate in Science for Transfer (p. 382)

*For more information, contact:***Marlene Dean** 805-678-5089 mdean@vcccd.edu**Lilia Ruvalcaba** 805-678-5088 lruvalcaba@vcccd.edu

## Mathematics, Associate in Science for Transfer

Students who complete Mathematics courses will demonstrate critical thinking skills, analyze abstract concepts, and transition from the concrete to the abstract in mathematical thinking. The Mathematics degree program offers training in both pure and applied mathematics, leading to careers in research, education, business, industry, and government. Many areas, such as the physical, biological and social sciences, engineering, economics, and business, are dependent upon the use of applied mathematics in developing solutions to practical problems.

The Associate in Science in Mathematics for Transfer (AS-T in Mathematics) is intended for students who plan to complete a bachelor's degree in Mathematics or a "similar" major at a CSU campus. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

To earn an AS-T in Mathematics, students must:

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 21 semester units in the Mathematics major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that does accept the AS-T in Mathematics will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		<b>15</b>
MATH R120	Calculus with Analytic Geometry I	
MATH R121	Calculus with Analytic Geometry II	
MATH R122	Calculus with Analytic Geometry III	
Select a minimum of two courses from the following with at least one course from Group A:		
<b>List A (provides depth of understanding in subject major):</b>		
MATH R134	Linear Algebra	
MATH R143	Differential Equations	
<b>List B (expands application of discipline):</b>		
MATH R105	Introductory Statistics	
or MATH R105H Honors: Introductory Statistics		
PHYS R131	Physics for Scientists and Engineers 1	
<b>Total Required Major Units</b>		<b>21-23</b>
<b>CSU General Education</b>		<b>39</b>
Double-Counted Units		- 3-6
Free Electives Required		3-4
<b>Total Units Required for AS-T Degree</b>		<b>60</b>
OR		
<b>IGETC</b>		<b>37</b>
Double-Counted Units		3-7
Free Elective Required		- 5-7
<b>Total Units Required for AS-T Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Develop a conceptual understanding of limit, continuity, differentiation, and integration as well as a thorough background in techniques and application of calculus.
- Demonstrate a working knowledge of selected topics from calculus, linear algebra, and a distribution of other branches of mathematics.
- Demonstrate the ability to solve problems, including applications outside of mathematics, by means of intuition, creativity, guessing, and the experience gained through the study of particular examples and mathematical ideas.
- Demonstrate the ability to use symbolic, graphical, numerical, and written representations of mathematical ideas.
- Use appropriate technology to enhance their mathematical thinking and understanding, solve mathematical problems, and judge the reasonableness of their results.

## Microbiology

### MICR R100 Principles of Microbiology 3 Units

*In-Class Hours:* 52.5 lecture

*Prerequisites:* MATH R005 or MATH R015 and CHEM R104 (or higher) and ANAT R101 and PHSO R101 and BIOL R101 or BIOL R101H or BIOL R120

*Advisories/Rec Prep:* ENGL R101

This course is an introduction to the structure, metabolic activities, utility and pathogenicity of bacteria, fungi, algae, protozoa and viruses. The topics will include distribution, metabolism, molecular genetics, biotechnology, immunity, cancer, probiotics and the physical/chemical methods used in control of microbes and cellular pathogens. The principles of disease transmission, prevention and immunity will also be presented. The diversity of the microbial world and its applications to improving human health and quality of life are emphasized.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B2

**IGETC:** 5B

### MICR R100L Principles of Microbiology Laboratory 2 Units

*In-Class Hours:* 105 laboratory

*Prerequisites:* MICR R100 or concurrent enrollment

This course is an introduction to the structure, metabolic activities, utility and pathogenicity of bacteria, fungi, algae, protozoa and viruses. The topics will include distribution, metabolism, molecular genetics, biotechnology, immunity, cancer, probiotics and the physical/chemical methods used in control of microbes and cellular pathogens. The principles of disease transmission, prevention and immunity will also be presented. The diversity of the microbial world and its applications to improving human health and quality of life are emphasized.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B3

**IGETC:** 5C

## Music

The Oxnard College Music Program is an excellent place to explore the language and history of music. Music provides a unique perspective for viewing humanity's cultural activities and artistic expressions. Oxnard College's music faculty are passionate and dedicated teachers and are active music professionals in both the performing and recording industry.

Students taking courses in music can earn credits towards their Arts and Humanities emphasis for their A.A. in General Studies degree, and for transfer to the CSU and UC systems. Some music courses also fulfill general education requirements for Oxnard College general education, CSU GE-Breadth, and IGETC.

Oxnard College's Music Department provides students with a variety of courses to choose from. Students with varied levels of experience have the opportunity to acquire important listening skills, to gain historical and cultural knowledge, and to learn to play, record, produce, and perform in various musical styles. Students can study music in a variety of historical and cultural contexts in courses like Music Appreciation,

History of Rock, and Music of Latin America. Students looking for a greater understanding of the theory and notation of music can begin their journey with Music Fundamentals, which serves as an excellent first step towards more advanced music theory and ear training. Students looking for practical experience in music can join an ensemble like Mariachi or Choir, take beginning to advanced courses in guitar and piano, and for those interested music technology, Introduction to Music Technology trains students to use cutting-edge software to create, edit, and mix.

## Program Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate facility with current music technology to aid them in their creative and expressive goals.
- Gain an increased appreciation and understanding of the universal language of music.
- Perform with appropriate tone, technique, and musicality in their primary performance medium.
- Demonstrate their understanding of musical notation.
- Differentiate between music's various cultural and historical contexts.

## Credit Courses

### MUS R101 Fundamentals of Music 3 Units

*In-Class Hours:* 52.5 lecture

*C-ID:* MUS 110

This course is designed for students with little to no prior experience in music. It provides an introduction to reading, composing, and notating music. Students will study the fundamental elements of the language of music, including scales, intervals, chords, key signatures, time signatures, notation software, and the piano keyboard.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C1

**IGETC:** 3A

### MUS R103 Music Appreciation 3 Units

*In-Class Hours:* 52.5 lecture

*C-ID:* MUS 100

This course is designed to acquaint students with the primary elements of music and the historical stylistic periods of Western music from the medieval to the present. In addition, world music, jazz, rock, and other styles will be examined as a means of comparison. The course places an emphasis on active and analytical listening skills.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C1

**IGETC:** 3A

### MUS R106 College Choir 1 Unit

*In-Class Hours:* 52.5 laboratory

This course is for the study, rehearsal, and public performance of choral literature from a variety of stylistic periods, with an emphasis on the development of the skills needed to perform within an ensemble. The course culminates with a public performance. Students will explore the physiology of singing and basic vocal technique, will read choral music notation, and will learn to analyze the historical context and structure of a stylistically varied repertoire.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Course may be repeated up to a maximum of 4 units of credit.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C1

**IGETC:** None

### MUS R107A Class Piano I 2 Units

*In-Class Hours:* 17.5 lecture, 52.5 laboratory

*C-ID:* MUS 170

This course provides piano instruction for students with little or no prior experience. The course covers the basic elements of piano playing: music reading, technique, improvisation, scales, chords, and introductory repertoire.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

### MUS R107B Class Piano II 2 Units

*In-Class Hours:* 17.5 lecture, 52.5 laboratory

*Prerequisites:* MUS R107A

*C-ID:* MUS 171

This course reinforces the fundamentals of piano playing, including reading music notation, improvisation, scales, chords, and simple piano literature. Emphasis is placed on the further development of left and right hand independence. Students are required to enter with some basic music reading ability and technical skill at the piano keyboard.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None



**MUS R107C Class Piano III 2 Units***In-Class Hours:* 17.5 lecture, 52.5 laboratory*Prerequisites:* MUS R107B*C-ID:* MUS 172

This course provides further development of greater independence of hands and reinforces the fundamentals of expressive piano playing at the early intermediate level. Didactic works of the most important composers will be studied with an emphasis on historically accurate interpretation.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**MUS R107D Class Piano IV 2 Units***In-Class Hours:* 17.5 lecture, 52.5 laboratory*Prerequisites:* MUS R107C

This course includes continued study of more advanced piano literature, technique, improvisation, harmonization and sight-reading. It includes the study of repertoire by major composers with an emphasis on historically accurate interpretation.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**MUS R109 Music of Latin America 3 Units***In-Class Hours:* 52.5 lecture

This course is a survey of the diverse and rich musical traditions of Latin America from pre-colonialism to the present day. The course will focus on the origins, influences, and styles within specific countries and regions such as Mexico, Brazil, the Andes, the Caribbean, the United States, and others. The course will highlight consistencies throughout Latin American musical culture, as well as the aesthetic and stylistic differences that make these varied musical traditions unique.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C1, C2

**IGETC:** 3A, 3B

**MUS R116 History of Rock Music 3 Units***In-Class Hours:* 52.5 lecture

This course explores American popular music within the context of American culture and society. This course involves a detailed study of changing musical styles with an emphasis on analytical listening. The bulk of the course will focus on five decades of American Rock music, from 1950-2000, with an introductory exploration of pre-1950s American music, as well as the relationship between this musical past and the current state of music in the digital age.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** C1

**IGETC:** 3A

**MUS R118A Guitar I 2 Units***Formerly:* MUS R118*In-Class Hours:* 17.5 lecture, 52.5 laboratory

This course introduces the fundamentals of guitar playing, such as music reading, improvisation, technique, and fretboard logic. Students will learn the various written systems applicable to the guitar, including standard notation, chord symbols, and tablature.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**MUS R118B Guitar II 2 Units***In-Class Hours:* 17.5 lecture, 52.5 laboratory*Prerequisites:* MUS R118A

This course reinforces the fundamentals of guitar playing, such as music reading, improvisation, technique, and fretboard logic. Students will continue to develop their understanding of guitar notation systems, including standard notation beyond the first position, chord symbols, and tablature.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**MUS R118C Guitar III 2 Units***In-Class Hours:* 17.5 lecture, 52.5 laboratory*Prerequisites:* MUS R118B

This course introduces intermediate level repertoire, technique, improvisation, and theory. It requires familiarity and the ability to read all common guitar-related notation systems.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**MUS R118D Guitar IV 2 Units***In-Class Hours:* 17.5 lecture, 52.5 laboratory*Prerequisites:* MUS R118C

This course introduces intermediate to advanced level repertoire, technique, improvisation, and theory. It requires familiarity and the ability to read all common guitar-related notation systems.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**MUS R126 Mariachi Ensemble 1 Unit***In-Class Hours:* 52.5 laboratory

This course involves the study, rehearsal, and performance of Mariachi and other Mexican regional music with a focus on the medium-sized ensemble setting (10-15). Students will explore the stylistic qualities of this music in sectional and full ensemble settings, with the intention of public performance.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Course may be repeated up to a maximum of 4 units of credit.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**MUS R130 Understanding Music and Dance for Elementary Education 3 Units***In-Class Hours:* 52.5 lecture

This course is designed to prepare the elementary educator to analyze, understand, and identify the foundational elements of music and dance. The course will present materials from various historical and cultural perspectives to help illustrate global congruencies in music and movement.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C1

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** C1

**IGETC:** None

**MUS R140 Introduction to Music Technology 2 Units***In-Class Hours:* 17.5 lecture, 52.5 laboratory*C-ID:* CMUS 130 X

This course is an introduction to audio recording, mixing, and computer music creation. It covers fundamental concepts and techniques used in music production, such as MIDI and sampling, signal processing, mixing, recording console functions, and multi-track recording procedures. Emphasis will be placed on hands-on experience through various recording and mixing projects.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**MUS R199 Directed Studies in Music 1-3 Units***In-Class Hours:* 17.5-52.5 lecture

This course offers students the opportunity to further their knowledge of music on an independent-study basis. The student and instructor will work together to design course content and/or research. Meeting times and requirements will be determined by the instructor.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

## Noncredit Courses

### MUS R801 Pro Tools Fundamentals I 0 Units

*In-Class Hours:* 16 noncredit

Pro Tools is the industry standard software for audio recording, mixing, and editing. This course is the first of a 2-part non-credit series that will award an industry recognized credential for both academic users and industry professionals, the Avid Certified User: Pro Tools. This course introduces fundamental Pro Tools concepts and principles, covering everything an individual needs to know to complete a basic Pro Tools project, from initial setup to final mixdown.

**Grade Modes:** Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### MUS R810 Pro Tools Fundamentals II 0 Units

*In-Class Hours:* 24 noncredit

*Prerequisites:* MUS R801 or Pro Tools 101 Certification

*Enrollment Limitations:* Completion of Pro Tools Fundamentals I (PT101) Certification Exam.

Pro Tools is the industry standard software for audio recording, mixing, and editing. This course is the second of a 2-part non-credit sequence that will award an industry recognized credential for both academic users and industry professionals, the Avid Certified User: Pro Tools. This course expands upon the basic principles taught in the Pro Tools Fundamentals I (MUS R801) course and introduces the core concepts and techniques students need to competently operate a Pro Tools system running mid-sized sessions. Students will learn to build sessions designed for commercial purposes and improve the results of their recording, editing, and mixing efforts.

**Grade Modes:** Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

*For more information, contact:*

**Dr. Scott Wolf** [swolf@vcccd.edu](mailto:swolf@vcccd.edu)

## Nutrition and Dietetics

The Associate in Science in Nutrition and Dietetics for Transfer (AS-T) involves the understanding of nutrient metabolism and the relationship to optimal health including prevention of degenerative diseases. The course of study provides an integrated curriculum of nutrition coursework along with a solid background in the human body, chemical function and metabolism of nutrients, and the sociological implications of food and behavior. Throughout the degree students will acquire and develop knowledge and skills that will provide a solid background in nutrition so that students can make informed decisions on their personal health.

### HED R114 Introduction to Nutrition Science 3 Units

*In-Class Hours:* 52.5 lecture

*Advisories/Rec Prep:* ENGL R097 or ENGL R100 or eligibility for ENGL R101

*C-ID:* NUTR 110

This course examines scientific concepts of nutrition related to the function of nutrients within the human body, nutrient requirements throughout the life cycle, and individual nutritional needs. Students will learn how to analyze and evaluate nutritional information and apply this information and dietary guidelines to their personal food choices. In addition, the course will explore current issues in nutrition including food safety, environmental contaminants, food technology, and food additives.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

- Nutrition and Dietetics, Associate in Science for Transfer (p. 387)

*For more information, contact:*

**Dianne Frehlich (805) 678-5188** [dfrehlich@vcccd.edu](mailto:dfrehlich@vcccd.edu)

## Nutrition and Dietetics, Associate in Science for Transfer

To earn an AS-T in Nutrition and Dietetics degree, students must:

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 26 semester units in the Nutrition and Dietetics major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residency at the college granting the degree.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		<b>16</b>
HED R114	Introduction to Nutrition Science	
PSY R101/R101H	General Psychology	
CHEM R120	General Chemistry I	
MICR R100 & R100L	Principles of Microbiology and Principles of Microbiology Laboratory	
<b>List A</b>		<b>7-10</b>

Select two courses

CHEM R122	General Chemistry II
CHEM R130	Organic Chemistry I
ANAT R101	General Human Anatomy
PHSO R101	Human Physiology
MATH R105	Introductory Statistics
or MATH R105H	Honors: Introductory Statistics
or PSY R103	Beginning Statistics for Behavioral Science
or SOC R125	Statistics for the Behavioral and Social Sciences

**List B** 3-5

If a Physics course is selected, the lab must also be taken

BIOL R120	Principles of Biology I
or BIOL R120L	Principles of Biology I Lab: Intro to Cellular and Molecular Biology
BIOL R122	Principles of Biology II
or BIOL R122L	Principles of Biology II Laboratory
CHEM R110	Elementary Chemistry
CHEM R112	Elementary Organic and Biological Chemistry
ACCT R101	Financial Accounting
ANTH R102	Introduction to Cultural Anthropology
or ANTH R102H	Honors: Introduction to Cultural Anthropology
BUS R111	Business Law
CIS R100	Introduction to Computer Information Systems
ECON R100	Introduction to Economics and Contemporary Economics Issues
ECON R201	Introduction to the Principles of Microeconomics
or ECON R201H	Honors: Introduction to the Principles of Microeconomics
HED R105	CPR, AED, First Aid, and Personal Safety
KIN R100	Introduction to Kinesiology
MATH R115	College Algebra
MATH R120	Calculus with Analytic Geometry I
PHYS R101 & R101L	College Physics 1 and College Physics 1 Laboratory
PHYS R102 & R102L	College Physics 2 and College Physics 2 Laboratory
PHYS R121	Physics with Calculus 1
PHYS R122	Physics with Calculus 2
PSY R108	Developmental Psychology
SOC R101	Introduction to Sociology
or SOC R101H	Honors: Introduction to Sociology

**Total Required Major Units** 26-31

CSU GE-Breadth 39

Double-Counted Units - 12-18

Free Electives Required 7-8

**Total Units Required for AS-T Degree** 60

OR

**Total Required Major Units** 26-31

IGETC 37

Double-Counted Units - 10-16

Free Electives Required 7-8

**Total Units Required for AS-T Degree** 60

Upon successful completion of this program, students will be able to:

- The student will identify ways in which social factors influence food related choices, practices, and beliefs.
- The student will apply the science of nutrition to identify and analyze the role of nutrients in optimal health and well-being.
- The student will demonstrate a comprehensive knowledge of the relationship of nutrients and lifestyle factors and the associated risk of degenerative diseases.
- The Student will demonstrate knowledge of physiological processes such as digestion, absorption, transport and metabolism of nutrients.
- The Student will be able to recognize and separate scientifically supported information from misinformation, and identify ways in which social factors influence food related choices, practices and beliefs.

## Paralegal Studies

The Paralegal Studies program at Oxnard College strives to produce competent, well-rounded paralegals who communicate effectively, demonstrate professional skills, and have the training and experience to assist attorneys effectively in a variety of legal practice settings. Students completing the program will be prepared for the following career opportunities at the entry level position: legal assistant, paralegal, court judicial assistant, legal secretary, immigration assistant, legal office manager, court reporter, court clerk, legal document assistant, and law office clerk.

### LAW R101 Paralegal Fundamentals 3 Units

*Formerly:* PLS R101*In-Class Hours:* 52.5 lecture*Advisories/Rec Prep:* ENGL R101 or ENGL R101H

This course explores the legal system including basic legal terminology, sources of law, legal reasoning, federalism, court structure, the rules of procedure, and ethical standards for lawyers and legal assistants. This course includes substantive introduction to the law of contracts, torts, crimes, common law, and the U.S. Constitution.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

**LAW R102 Introduction to Legal Technology 3 Units***Formerly:* PLS R041*In-Class Hours:* 52.5 lecture*Advisories/Rec Prep:* ENGL R101 or ENGL R101H

This course introduces the student to the variety of software packages specifically designed for the law office, including law related word processing, time billing, case management, electronic discovery, court presentation and timeline creation. The student will become sufficiently proficient in these software packages to be productive in the law office on each.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**LAW R103 Communications and Case Management 3 Units***Formerly:* PLS R109*In-Class Hours:* 52.5 lecture*Advisories/Rec Prep:* ENGL R101 or ENGL R101H

This course covers two subjects of importance to the paralegal. First, this course seeks to impart knowledge of general psychological principles and skills in applying that knowledge to social and organizational situations. In addition, these skills will be developed through exercises involving real world scenarios that will be common to the experience of the paralegal in their profession. Second, this course seeks to inform students how a law office is managed in its many aspects from maintaining client confidences to ethically and legally accounting for client trust funds. This information will be crucial to the paralegal to inform them about how law practices differ from the conduct of other businesses.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**LAW R104 Legal Research and Writing I 3 Units***Formerly:* PLS R104*In-Class Hours:* 52.5 lecture*Prerequisites:* ENGL R101 or ENGL R101H*Advisories/Rec Prep:* LAW R101

This course will introduce the student to print research in a law library and computer-based legal research methods, focusing on Federal and California constitutional, statutory and common law in encyclopedia, restatements, model statutes, legislative materials, articles, and other secondary sources of exposition and analysis. The course will also cover critical reading, principles of legal construction and interpretation, and drafting basic legal documents.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**LAW R105 Legal Research and Writing II 3 Units***Formerly:* PLS R105*In-Class Hours:* 52.5 lecture*Prerequisites:* LAW R104

The student will expand research and writing skills using law library, computerized or online resources, and by preparing memoranda, pleadings, transactional documents, or similar legal writings.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**LAW R110 Criminal Law and Procedure 3 Units***Formerly:* PLS R110*In-Class Hours:* 52.5 lecture*Prerequisites:* LAW R104

This course is designed to equip the student with the learning needed to understand the principles of criminal law and criminal procedure as well as those skills needed in the daily practice in a law office. The course will cover crimes, defenses, punishment, search and seizure law and pre-trial, trial and review procedures.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**LAW R112 Torts 3 Units***Formerly:* PLS R102*In-Class Hours:* 52.5 lecture*Prerequisites:* LAW R104

This course studies the legal concepts of duty, breach, causation, and damages. Students will explore traditional torts, such as negligence and fraud, and newer torts, such as "wrongful life." Students will be drafting "complaints" and instructed on investigative techniques.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None



**LAW R113 Contracts 3 Units***Formerly:* PLS R103; LA R103*In-Class Hours:* 52.5 lecture*Prerequisites:* LAW R104

This course studies the formation, interpretation and breach of contracts, both written and oral. Students will be drafting complaints for breach of contract lawsuits. The class will explore investigative techniques commonly used.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**LAW R114 Evidence 3 Units***Formerly:* PLS R108*In-Class Hours:* 52.5 lecture*Prerequisites:* LAW R104

Students will learn the rules of civil and criminal evidence. Theory and principles of evidence as utilized and applied to the civil discovery process will be emphasized. Students will examine and analyze the Federal Rules of Evidence, the California Evidence Code, and applicable court decisions.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**LAW R115 Civil Procedure and Litigation 3 Units***Formerly:* PLS R106*In-Class Hours:* 52.5 lecture*Prerequisites:* LAW R104

Students will learn, analyze, and examine the basic principles of civil procedures and court rules as applicable to civil practice and litigation including jurisdiction, venue, and preparation of pleadings in a civil action by both parties in the California Court system.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**LAW R120 Real Estate Law 3 Units***Formerly:* PLS R120*In-Class Hours:* 52.5 lecture*Prerequisites:* LAW R104*Advisories/Rec Prep:* LAW R113

This course examines the field of real property law and prepares the student to assist in real estate transactions. Topics include: ownership rules, determination of title, acquisition, and transfer of property, financing, and taxation.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**LAW R121 Family Law 3 Units***Formerly:* PLS R107*In-Class Hours:* 52.5 lecture*Prerequisites:* LAW R104*Advisories/Rec Prep:* LAW R102

This course examines the law governing the definition of family and the rights and duties of family members to each other. It concentrates on marriage and dissolution, domestic violence, family law orders, paternity, pre-marital, post-marital, cohabitation agreements, spousal, child support and child custody, and adoptions.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**LAW R122 Immigration Law 3 Units***Formerly:* PLS R122*In-Class Hours:* 52.5 lecture*Prerequisites:* LAW R104*Advisories/Rec Prep:* LAW R102

This course surveys immigration in the United States and how the paralegal supports the attorney. Topics covered include: visitors for business and pleasure, temporary visas, employment based preferences, asylum, and citizenship. Also covered will be representation before Department of Homeland Security agencies.

**Grade Modes:** Letter Graded, Credit by exam, license etc.**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

**LAW R123 Employment Law 3 Units**

*Formerly:* PLS R123

*In-Class Hours:* 52.5 lecture

*Prerequisites:* LAW R104

*Advisories/Rec Prep:* BUS R111; LAW R113

This course covers federal law and California state law governing employment relationships, job discrimination, sexual harassment, workplace privacy, labor standards, human resource management, American with Disabilities Act, and other matters involved with employment law.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**LAW R124 Probate Law 3 Units**

*Formerly:* PLS R126

*In-Class Hours:* 52.5 lecture

*Prerequisites:* LAW R104

This course will cover the various types of documents a paralegal might be involved in drafting in a typical probate and estate planning practice. Such documents include, but are not limited to, wills, trusts, powers of attorney, and advance health care directives. Paralegal students will become familiar with the various forms of complex estate planning, such as revocable and irrevocable trusts, and many documents that accompany such estate planning techniques. The paralegal student will also become familiar with the various mechanisms for transferring property upon debt with and without probate administration. Further, the paralegal student will learn about the areas of guardianship and conservatorship. Course content will be based in California law.

**Grade Modes:** Letter Graded, Credit by exam, license etc.

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**LAW R130 Paralegal Seminar 1 Unit**

*In-Class Hours:* 17.5 lecture

*Prerequisites:* LAW R105 or concurrent enrollment

This course examines ethics, advanced paralegal communication skills, law office management, problem solving, and analysis skills. It also includes a component on employment, networking and job search.

**Catalog Notes:** This course is designed to be taken during the student's last semester prior to completion of the COA in Paralegal Studies or Associate of Science in Paralegal Studies.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**LAW R190 Occupational Cooperative Unpaid Work Experience 3 Units**

*In-Class Hours:* 180 unpaid cooperative

*Enrollment Limitations:* Completion of or concurrent enrollment in a LAW course and instructor approval.

Occupational Cooperative Unpaid Work Experience provides supervised employment extending classroom occupational learning at an on-the-job learning station relating to the students' educational or occupational goals. Each unit of credit requires 60 hours of unpaid employment during the semester. This course is 3 units total. Occupational Cooperative Unpaid Work Experience is available to all Law/Paralegal Studies students.

**Catalog Notes:** While students may enroll in up to 16 units of general cooperative work experience, this course may be taken for only 3 units that qualify towards program specific electives in Paralegal Studies; additional work experience may be earned by enrolling in a COT course.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**LAW R191 Occupational Cooperative Paid Work Experience 3 Units**

*In-Class Hours:* 225 paid cooperative

*Enrollment Limitations:* Completion of or concurrent enrollment in a LAW course and instructor approval.

Occupational Cooperative Paid Work Experience provides supervised employment extending classroom occupational learning at an on-the-job learning station relating to the students' educational or occupational goals. Each unit of credit requires 75 hours of paid employment during the semester. Occupational Cooperative Paid Work Experience is available to all Law/Paralegal Studies students.

**Catalog Notes:** While students may enroll in up to 16 units of general cooperative work experience, this course may be taken for only 3 units that qualify towards program specific electives in Paralegal Studies; additional work experience may be earned by enrolling in a COT course.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

- Paralegal Studies, Associate in Science (p. 392)
- Legal Secretary, Certificate of Achievement (p. 392)
- Paralegal Studies, Certificate of Achievement (p. 393)

*For more information contact:*

**Evan Hess** 805-678-5084 ehess@vcccd.edu

## Legal Secretary, Certificate of Achievement

The Legal Secretary Certificate of Achievement will prepare students to work as a legal secretary, supporting the lawyers and paralegals in a law office, corporate legal department, government agency, or other organization.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
LAW R101	Paralegal Fundamentals	3
LAW R102	Introduction to Legal Technology	3
LAW R103	Communications and Case Management	3
LAW R104	Legal Research and Writing I <sup>1</sup>	3
BUS R111	Business Law	3
<b>Total Required Units for Certificate</b>		<b>15</b>

Note: ENGL R101 is the prerequisite for LAW R104 Legal Research and Writing I. All other courses required have no prerequisite and may be completed in any order (subject to the availability of courses).

Students with an Associates or Bachelor's degree that included completion of ENGL R101 or an equivalent may complete all course requirements in any order (subject to the availability of courses).

Year 1		
Fall Semester		Units/Hours
BUS R111	Business Law	3
LAW R101	Paralegal Fundamentals	3
LAW R103	Communications and Case Management	3
<b>Units/Hours</b>		<b>9</b>
Spring Semester		
LAW R104	Legal Research and Writing I	3
LAW R102	Introduction to Legal Technology	3
<b>Units/Hours</b>		<b>6</b>
<b>Total Units/Hours</b>		<b>15</b>

Upon successful completion of this program, students will be able to:

- Use current and emerging computing technology to enhance business and individual productivities.
- Demonstrate proficiency using of general and specialized computer software used in law offices and the courts.
- Prepare, complete, and assemble appropriate forms, document, exhibits, and records with accuracy and attention to detail.
- Identify and explain the roles of a lawyer, law office personnel, and other parties involved in a law practice.
- Define basic legal terms.

## Paralegal Studies, Associate in Science

The Paralegal Studies Associate in Science degree at Oxnard College is designed to prepare students to be a paralegal with responsibility for assisting attorneys in preparation of cases for trial or arbitration, researching existing laws, and performing a moderate degree of investigation. Upon completing the major requirements for the Associate in Science in Paralegal Studies, students will be prepared for careers

under the supervision of an attorney in law offices, corporations, non-profits, government agencies, courts, and other businesses where knowledge of paralegal practice and training as a paralegal is required.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
BUS R111	Business Law	3
LAW R101	Paralegal Fundamentals	3
LAW R102	Introduction to Legal Technology	3
LAW R103	Communications and Case Management	3
LAW R104	Legal Research and Writing I	3
LAW R105	Legal Research and Writing II	3
LAW R130	Paralegal Seminar	1
<b>Complete 12 units from the following two Tracks and Work Experience <sup>1</sup></b>		<b>12</b>
<b>Litigation Track</b>		
LAW R110	Criminal Law and Procedure	3
LAW R112	Torts	3
LAW R114	Evidence	3
LAW R115	Civil Procedure and Litigation	3
LAW R121	Family Law	3
LAW R124	Probate Law	3
<b>Transactional Track</b>		
LAW R113	Contracts	3
LAW R120	Real Estate Law	3
LAW R122	Immigration Law	3
LAW R123	Employment Law	3
<b>Work Experience (Optional, up to 3 units max) <sup>2</sup></b>		
LAW R190	Occupational Cooperative Unpaid Work Experience	1-3
LAW R191	Occupational Cooperative Paid Work Experience	1-3
<b>Total Required Major Units</b>		<b>31</b>
Oxnard College General Education Pattern		29
Double-Counted Units		0
Free Electives Required		0
<b>Total Required Units for A.S. Degree</b>		<b>60</b>

<sup>1</sup>

Students may choose all 12 units within the same Track, or select courses from both Tracks to total 12 units.

<sup>2</sup>

Students may enroll in no more than 3 units of work experience to satisfy 3 of the 12 units of electives required for completion of the program.

To complete the Associate Degree, students must meet requirements in the major, general education, competency, units, scholarship, and residency. Refer to Earn an Associate Degree and the A.A. or A.S. Degree in Specific Majors sections of this catalog.

Upon successful completion of this program, students will be able to:

- Apply rules and principles to new situations in the Paralegal Studies arena.
- Locate appropriate documents and utilize them to develop legal forms of various kinds used in the Paralegal Studies arena.

- Write clearly and accurately in a variety of contexts and formats while checking, editing, and revising their written work for accurate information, appropriate emphasis, correct citation form and style, and proper grammar on legal documents, memoranda, pleadings and forms.
- Demonstrate familiarity with, and ability to use and write with, appropriate legal terms and legal terminology.
- Demonstrate knowledge and understanding of American system of government, and federal, state and local court systems, and alternative dispute resolution.
- Research California and federal statutes, cases, and court rules appropriate to given factual scenarios.

LAW R191	Occupational Cooperative Paid Work Experience	3
<b>Total Required Units for Certificate</b>		<b>31</b>

- 1  
Students may choose all 12 units within the same Track, or select courses from both Tracks to total 12 units.
- 2  
Students may enroll in no more than 3 units of work experience to satisfy 3 of the 12 units of electives required for completion of the program.

To complete the Certificate of Achievement, students must also meet requirements in scholarship and residency. Refer to Earn a Certificate of Achievement section in this catalog for specific information.

Upon successful completion of this program, students will be able to:

- Apply rules and principles to new situations in the Paralegal Studies arena.
- Locate appropriate documents and utilize them to develop legal forms of various kinds used in the Paralegal Studies arena.
- Write clearly and accurately in a variety of contexts and formats while checking, editing, and revising their written work for accurate information, appropriate emphasis, correct citation form and style, and proper grammar on legal documents, memoranda, pleadings and forms.
- Demonstrate familiarity with, and ability to use and write with, appropriate legal terms and legal terminology.
- Demonstrate knowledge and understanding of American system of government, and federal, state and local court systems, and alternative dispute resolution.
- Research California and federal statutes, cases, and court rules appropriate to given factual scenarios.

## Paralegal Studies, Certificate of Achievement

The Paralegal Studies Certificate of Achievement at Oxnard College is designed to prepare students to be a paralegal with responsibility for assisting attorneys in preparation of cases for trial or arbitration, researching existing laws, and performing a moderate degree of investigation. Upon completing the major requirements for the Certificate of Achievement in Paralegal Studies, students will be prepared for careers under the supervision of an attorney in law offices, corporations, non-profits, government agencies, courts, and other businesses where knowledge of paralegal practice and training as a paralegal is required.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		<b>19</b>
BUS R111	Business Law	3
LAW R101	Paralegal Fundamentals	3
LAW R102	Introduction to Legal Technology	3
LAW R103	Communications and Case Management	3
LAW R104	Legal Research and Writing I	3
LAW R105	Legal Research and Writing II	3
LAW R130	Paralegal Seminar	1
<b>Complete 12 units from the following two Tracks and Work Experience<sup>1</sup></b>		
<b>Litigation Track</b>		
LAW R110	Criminal Law and Procedure	3
LAW R112	Torts	3
LAW R114	Evidence	3
LAW R121	Family Law	3
LAW R124	Probate Law	3
LAW R115	Civil Procedure and Litigation	3
<b>Transactional Track</b>		
LAW R113	Contracts	3
LAW R120	Real Estate Law	3
LAW R122	Immigration Law	3
LAW R123	Employment Law	3
<b>Work Experience (Optional, up to 3 units max)<sup>2</sup></b>		
LAW R190	Occupational Cooperative Unpaid Work Experience	3

## Personal Growth

The Personal Growth course offerings provide students the opportunity to better understand themselves, institutions, and the work world, with Counseling Faculty as instructor, advisor, and/or facilitator.

**\*UC Credit Limitation:** PG R100A, PG R100B, PG R101 and PG R102 combined: maximum credit is one course.

## Program Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- Formulate academic, career and/or personal goals and create action plan and identifying different student services that will assist them in achieving their goals including developing a Student Education Plan.
- Enhance self-awareness through self-assessment, personality inventories, applying theories of learning, communication, psychology and career development that are relevant to college and life success.
- Demonstrate appreciation and understanding of the importance and influence of social and cultural diversity in academic, career and/or life planning.
- Apply critical thinking and problem-solving strategies to make academic, career and/or personal decisions.
- Demonstrate ability to access college and/or community resources that can assist students achieve their goals.

**NOTE:** The UC limits enrollment in some courses. See the UC Transfer Course Agreement (p. 105) page for details.

## Credit Courses

### PG R001 Orientation: All about Oxnard College 0.5 Units

*In-Class Hours:* 8.75 lecture

This course offers information about academic counseling, transferring to a four-year institution, career and technical education programs, study skills, college activities and clubs, student services, and basic survival hints.

**Grade Modes:** Pass/No Pass Grading

**Degree Applicability:** Not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### PG R100A Student Success: EOPS 1 Unit

*In-Class Hours:* 17.5 lecture

This course is designed to provide students with college survival strategies: Learn what the Extended Opportunity Programs and Services (EOPS) are, use the college catalog, website and portal, as well as explore university websites, identify the requirements for graduation and transferring to a four year university, navigate the financial aid process and requirements, review academic policy, utilize career search services, identify additional support services, review study skills and develop an EOPS educational plan.

**Grade Modes:** Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### PG R100B Student Success: Strategies for Academic Success 1 Unit

*In-Class Hours:* 17.5 lecture

This course will provide students with academic success strategies. Topics include counseling services, using the college catalog, study skills, time management, academic probation and dismissal, financial aid, tutoring and other support services available.

**Grade Modes:** Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### PG R101 Career Development and Life Planning 3 Units

*In-Class Hours:* 52.5 lecture

This course is designed to assist students with self-exploration, career transitions and career-life planning in order to achieve success in a diverse society. Planning and organizing skills that encourage a systematic approach to career development will be used by examining values, interests, skills, life roles, personality type, personal self-management, decision-making and goal setting throughout the life span.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

### PG R102 College Success 3 Units

*In-Class Hours:* 52.5 lecture

This course provides the opportunity for students to learn and adopt principles, techniques, methods and strategies to be successful in college and in life. This will be accomplished by emphasizing three areas: (1) academic skills; (2) behavioral principles; and (3) relational skills.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** E

**IGETC:** None

## Noncredit Courses

### PG R805 Introduction to College Life 0 Units

*In-Class Hours:* 6 noncredit

**Enrollment Limitations:** Students must be receiving the adult portion of Cash-Aid from the County of Ventura. .

This course is designed to assist students who are transitioning to Oxnard College Campus by offering strategies to increase their academic success. This course will focus on college readiness, educational planning, information about academic counseling, transferring to a four-year institution, vocational programs, study skills, college activities and clubs, student services, basic survival hints and resources. This course will be discussing the service and polices of on campus support programs such as CalWORKs, EOPS/CARE, EAC, Financial Aid, etc. This class is an open entry, open exit. This is a noncredit course. Does not apply to Associate Degree.

**Catalog Notes:** This course will be offered Open Entry Open Exit.

**Grade Modes:** Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None



**PG R810 Preparing for Workplace Success 0 Units***In-Class Hours:* 35 noncredit

This is a free course designed to offer students crucial workplace readiness skills. Students will have the opportunity to learn effective job searching strategies and critical employability skills necessary to secure and maintain employment. Topics covered include assessment of unique personality and strengths, career research, goal setting, effective resume and cover letter writing, networking and interviewing techniques, and various behavioral and interpersonal skills related to workplace satisfaction.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Repeatable for Credit:** Unlimited.**Field Trips:** May be required**Degree Applicability:** Noncredit course; not applicable for degree credit**AA/AS GE:** None**Transfer Credit:** None**PG R820 Reaching Excellence in Academics and Challenges 0 Units***In-Class Hours:* 3 noncredit

This course will provide students with the understanding of non-cognitive factors that contribute to the status of being placed on academic probation. Students will develop a strategic plan to overcome these issues through the utilization of emotional intelligence. Students will use skill building exercises, lecture and group discussion to identify barriers to their academic success as well as to overcome stress and negativity. Students will explore tools, techniques, and skills to perform their role and utilize effective problem solving skills with confidence.

**Grade Modes:** Pass/No Pass Grading**Repeatable for Credit:** Unlimited.**Degree Applicability:** Noncredit course; not applicable for degree credit**AA/AS GE:** None**Transfer Credit:** None**PG R850 Emotional Intelligence 0 Units***In-Class Hours:* 9 noncredit

This course will provide students with the ability to deal effectively with their emotions and self-perceptions that are critical to their success and inspire high performance as students, employees, and in relationships with others. Students will (learn) the definition and the five key components of emotional intelligence through skill-building exercises, lectures, and group discussions. Students will have opportunities to identify their own strengths and challenges in maintaining positive environments and collaborative relationships along with strategies for overcoming stress and negativity. Students will explore tools, techniques, and skills to help them perform their role and manage their emotions with confidence and positive results.

**Grade Modes:** Pass/No Pass Grading**Repeatable for Credit:** Unlimited.**Degree Applicability:** Noncredit course; not applicable for degree credit**AA/AS GE:** None**Transfer Credit:** None*For more information, contact:***Charles Ramirez****(805) 678-5033**

charles\_ramirez1@vcccd.edu

## Philosophy

The goal of the philosophy program is to introduce students to a broad range of philosophical issues and perspectives. Methods used to achieve this end include: critical reasoning and analysis; constructive

dialogue; and written expression of ideas. Philosophical topics and questions studied concern better understanding ourselves and others; exploring different theories about the nature of being and reality; applying reasoning to matters of value, at both a personal and a societal level; and addressing the issue of meaning and purpose in life. The subject taught primarily contributes to an individual student's general liberal arts education. Transfer level curriculum is emphasized, as are interdisciplinary studies with other subject areas, and notably the natural and social sciences.

Students who take philosophy courses in the program can expect to become better thinkers and learners; more capable employees; wiser consumers; and better citizens in their own communities as well as the global community.

**NOTE:** The UC limits enrollment in some courses. See the UC Transfer Course Agreement (p. 105)page for details.**PHIL R100 Critical Thinking 3 Units***In-Class Hours:* 52.5 lecture

This course provides an introduction to critical thinking by emphasizing analytical reasoning. The course examines inductive and deductive reasoning as well as other forms of persuasion. Topics include analysis of arguments, explanations, and informal fallacies that occur in the natural sciences, social sciences (including applied ethics), the humanities, (such as philosophy or art criticism), as well as everyday discourse. Critical thinking and problem-solving skills to be developed include identifying and evaluating arguments; recognizing and correcting reasoning errors; constructing arguments based on sound methods of reasoning; and assessing subjects from multiple theoretical points of view.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** A3**IGETC:** None**PHIL R101 Introduction to Philosophy 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* PHIL 100

This course introduces core concepts and methods in philosophy. Topics explored include: reality, knowledge, value/s, truth, self, religion, science, mind, language, beauty, art, and political theory. An effort is made to relate philosophical subjects to the life and experience of college students. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of C or better or "P".

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B

**PHIL R101H Honors: Introduction to Philosophy 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* PHIL 100

This course introduces core concepts and methods in philosophy. Topics explored include: reality, knowledge, value/s, truth, self, religion, science, mind, language, beauty, art, and political theory. An effort is made to relate philosophical subjects to life and experience of college students.

The honors component requires students to engage these subjects with a greater degree of intellectual depth and rigor. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enrichment opportunities.

Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of C or better or "P".

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B**PHIL R102 Introduction to Ethics 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* PHIL 120

This course provides an introduction to ethical theory. Topics include: key ethical terminology, relativism, egoism, utilitarianism, duty theory, virtue ethics, feminist theory, religion and values. In addition, one or more specific contemporary moral issue will be explored such as abortion, capital punishment, euthanasia, discrimination, environmental ethics, war and terrorism. Students will be encouraged to develop a better understanding of themselves as well as to develop a tolerance for differences in societies and culture.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B**PHIL R102H Honors: Introduction to Ethics 3 Units***In-Class Hours:* 52.5 lecture, 52.5 activity*C-ID:* PHIL 120

This course provides an introduction to ethical theory. Topics include: key ethical terminology, relativism, egoism, utilitarianism, duty theory, virtue ethics, feminist theory, religion and values. In addition, one or more specific contemporary moral issue will be explored such as abortion, capital punishment, euthanasia, discrimination, environmental ethics, war and terrorism. Students will be encouraged to develop a better understanding of themselves as well as to develop a tolerance for differences in societies and culture. The honors component requires students to engage these subjects with a greater degree of intellectual depth and rigor. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enrichment opportunities. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of C or better or "P".

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B**PHIL R103 Survey of World Religions: East 3 Units***In-Class Hours:* 52.5 lecture

This course explores the origins, core concepts and philosophical development of the major religions of Asia. The religions studied include Hinduism, Buddhism, Jainism, Taoism, Confucianism, Shinto and Zen. Emphasis and analysis is placed upon major figures, sacred texts, and forms of life and worship emanating from these traditions. Students will discuss contemporary applications of the metaphysical, ethical and social ideas found in Eastern religions.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B**PHIL R104 Survey of World Religions: West 3 Units***In-Class Hours:* 52.5 lecture

This course explores the origins, core concepts and philosophical development of the major religions of the Near East, Europe and North and South America. The religions studied include Zoroastrianism, Judaism, Christianity, Islam, Baha'i and post Columbian Native American religions. Discussion of contemporary applications of the metaphysical, ethical and social ideas found in western religions is encouraged.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B

**PHIL R105 History of Ancient and Medieval Philosophy 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* PHIL 130

This historical introduction to philosophy traces the development of Western philosophy from early Greece through the Middle Ages, with emphasis upon works of Plato and Aristotle. In addition, philosophical ideas which influenced the Roman Empire and helped shape the rise and development of Christianity and Medieval Europe will be explored.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B**PHIL R106 History of Modern Philosophy 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* PHIL 140

This course emphasizes the broad epistemological and metaphysical developments in Western philosophy from the 16th century through the 18th-century philosophy. Primary topics and texts include those of Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. Immediate predecessors and successors, including Renaissance philosophers, will be examined.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B**PHIL R107 Introduction to Logic 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* PHIL 110

This course studies the elements, principles and methods of formal deductive reasoning. Topics include: basic analysis of arguments, traditional categorical logic, modern propositional logic, and formal and informal fallacies.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** A3**IGETC:** None**PHIL R108 World Mythology 3 Units***In-Class Hours:* 52.5 lecture

This course explores myths, legends and traditional stories from worldwide sources, including: African, Asian, European, Meso-American, Middle Eastern, Native American, and South American among others. Recurring symbols, themes, and concepts will be examined, both independently and cross-culturally, in terms of their appearance in folklore, ritual, religion, literature and the arts.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B**PHIL R110 Philosophy of Religion 3 Units***In-Class Hours:* 52.5 lecture

This course provides an introduction to fundamental concepts exhibited in the world's religions, as well as a critical exploration of reasons for and against widely held religious doctrines. Topics include: the attributes of God, arguments for and against God's existence, the nature of religious experience, mysticism and miracles, the problem of evil, the possibility of life after death, the contrast between faith and reason, and religious pluralism.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B**PHIL R111 Critical Thinking and Analytic Writing 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* ENGL R101

This course provides an introduction to critical thinking by emphasizing logical analysis and analytical writing. The course primarily examines inductive reasoning and its relation to deductive reasoning and other forms of persuasion. Topics include analysis of arguments, explanations, and informal fallacies that occur in the natural sciences, social sciences (including applied ethics), the humanities, (such as philosophy or art criticism), as well as everyday discourse. Critical thinking, writing and problem-solving skills to be developed include identifying and evaluating arguments; recognizing and correcting reasoning errors; constructing arguments based on sound methods of reasoning; assessing subjects from multiple theoretical points of view; composing original work of varying lengths, reflective of course elements.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** A3**IGETC:** 1B

**PHIL R112 Symbolic Logic 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* PHIL 210

This course provides an introduction to the concepts and methods of modern symbolic logic. Emphasis is placed on problems of translating English expressions into logical symbols and on the development of skills in using the formal proof procedures of sentential and predicate logic.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** A3**IGETC:** None**PHIL R114 Social Philosophy 3 Units***Same-As:* SOC R114*In-Class Hours:* 52.5 lecture

Social philosophy studies humans in society from the standpoint of metaphysical and ethical principles and presuppositions of human nature. This course highlights major historical and contemporary perspectives in the history of philosophy and focuses on prominent social philosophers for detailed study. Questions concerning legal and social relationships, purpose in social order, and ethical values in human institutions are explored.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2, C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2, D**IGETC:** 3B, 4**PHIL R115 Comparative World Religions 3 Units***In-Class Hours:* 52.5 lecture

This course explores and compares the origins, beliefs, rituals, and ideals of the major world religions. Religions discussed include: Hinduism, Buddhism, Taoism, Confucianism, Judaism, Christianity, and Islam. Further, one or more of the following traditions may also be examined: Shinto, Jainism, Sikhism, Zoroastrianism, Greek, Roman, as well as indigenous traditions. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of C or better or "P." This course is not available for credit for students who have already received credit in PHIL R103 and R104.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B**PHIL R115H Honors: Comparative World Religions 3 Units***In-Class Hours:* 52.5 lecture

This course explores and compares the origins, beliefs, rituals, and ideals of the major world religions. Religions discussed include: Hinduism, Buddhism, Taoism, Confucianism, Judaism, Christianity, and Islam. Further, one or more of the following traditions may also be examined: Shinto, Jainism, Sikhism, Zoroastrianism, Greek, Roman, as well as indigenous traditions. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enrichment opportunities. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of C or better or "P." This course is not available for credit for students who have already received credit in PHIL R103 and R104.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B**PHIL R116 Contemporary Moral Issues 3 Units***In-Class Hours:* 52.5 lecture

This course provides an overview of recent and historical ethics, theory and practice, as well as methods of reasoning about values. Typical topics include abortion, euthanasia, capital punishment, affirmative action, gender relationships, privacy, animal rights, the environment, war, world hunger, censorship, cloning, and the like. Interdisciplinary and global perspectives will be emphasized.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B**PHIL R199 Directed Studies in Philosophy 1-3 Units***In-Class Hours:* 17.5-52.5 lecture*Enrollment Limitations:* Interview.

This course is intended for students interested in furthering their knowledge of philosophy on an independent-study basis. The student and instructor will work together to design course content and/or research. Meeting times and requirements will be determined by the instructor.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

- Philosophy, Associate in Arts for Transfer (p. 399)

- Philosophy, Associate in Arts (p. 399)

*For more information, contact:***Chris Horrock (805) 678-5092** chorrock@vcccd.edu

## Philosophy, Associate in Arts

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		<b>6</b>
PHIL R101/R101H	Introduction to Philosophy	
PHIL R107	Introduction to Logic	
<b>Required Additional Courses</b>		
Select a minimum of 12 units from the following:		12
ANTH R111	Magic, Witchcraft and Religion: Anthropology of Belief	
PHIL R100	Critical Thinking	
ECON R202	Introduction to the Principles of Macroeconomics	
PHIL R102/R102H	Introduction to Ethics	
PHIL R103	Survey of World Religions: East	
PHIL R104	Survey of World Religions: West	
PHIL R105	History of Ancient and Medieval Philosophy	
PHIL R106	History of Modern Philosophy	
PHIL R108	World Mythology	
PHIL R110	Philosophy of Religion	
PHIL R111	Critical Thinking and Analytic Writing	
PHIL R112	Symbolic Logic	
PHIL/SOC R114	Social Philosophy	
POLS R100	Introduction to Politics	
<b>Total Required Major Units</b>		<b>18</b>
Oxnard College General Education Pattern		29
Double-Counted Units		- 3-6
Free Electives Required		16-18
<b>Total Required Units for A.A. Degree</b>		<b>60</b>

To complete the Associate Degree, students must meet requirements in the major, general education, competency, units, scholarship, and residency. Refer to Earn an Associate Degree and the A.A. or A.S. Degree in Specific Majors sections of this catalog.

Upon successful completion of this program, students will be able to:

- Compare and contrast different philosophical traditions, positions, and/or topics of philosophical investigation.
- Construct novel written philosophical arguments, and/or reconstruct traditional arguments, and offer defenses against (possible) objections.
- Demonstrate basic skills of critical thinking and logical reasoning in problem-solving and/or writing.
- Distinguish basic philosophical concepts from several major subject matter categories such as metaphysics, epistemology, ethics, social and political philosophy, etc.
- Recognize and criticize basic forms of logical fallacies.

## Philosophy, Associate in Arts for Transfer

The Associate in Arts in Philosophy for Transfer (Philosophy AA-T) is intended for students who plan to complete a bachelor's degree in a "similar" major at a CSU campus. For a current list of what majors

(and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

### To earn an AA-T in Philosophy, students must

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 18 semester units in the Philosophy major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that accepts the **Philosophy AA-T** will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		<b>6</b>
PHIL R107	Introduction to Logic	
or PHIL R112	Symbolic Logic	
Select one of the following:		3
PHIL R101/R101H	Introduction to Philosophy	
PHIL R102/R102H	Introduction to Ethics	
<b>List A - Select one of the following courses:</b>		<b>3</b>
PHIL R105	History of Ancient and Medieval Philosophy	
PHIL R106	History of Modern Philosophy	
<b>List B - Select two of the following courses or any course from List A not already selected:</b>		<b>6</b>
PHIL R110	Philosophy of Religion	
PHIL R103	Survey of World Religions: East	
PHIL R104	Survey of World Religions: West	
PHIL R111	Critical Thinking and Analytic Writing	
PHIL R114	Social Philosophy	



List C - Select one of the following courses or any course from List A or List B not already selected:

PHIL R108	World Mythology
PHIL R115/R115H	Comparative World Religions
PHIL R116	Contemporary Moral Issues

<b>Total Required Major Units</b>	<b>18</b>
CSU GE-Breadth	39
Double-Counted Units	- 6-9
Free Electives Required	9-12
<b>Total Units Required for AA-T Degree</b>	<b>60</b>
OR	
IGETC	37
Double-Counted Units	- 6-9
Free Electives Required	11-14
<b>Total Units Required for AA-T Degree</b>	<b>60</b>

Upon successful completion of this program, students will be able to:

- Compare and contrast different philosophical traditions, positions, and/or topics of philosophical investigation.
- Construct novel written philosophical arguments, and/or reconstruct traditional arguments, and offer defenses against (possible) objections.
- Demonstrate basic skills of critical thinking and logical reasoning in problem-solving and/or writing.
- Distinguish basic philosophical concepts from several major subject matter categories such as metaphysics, epistemology, ethics, social and political philosophy, etc.
- Recognize and criticize basic forms of logical fallacies.

## Physical Science

Physical science is the interdisciplinary study of the physical world. It introduces concepts in physics, chemistry, and earth and space sciences and how they apply to the world around us.

**NOTE:** The UC limits enrollment in some courses. See the UC Transfer Course Agreement (p. 105) page for details.

### 3 PHSC R170 Concepts in Physical Science 4 Units

*In-Class Hours:* 52.5 lecture, 52.5 laboratory

*Prerequisites:* MATH R005 or MATH R015

*C-ID:* PHYS 140

This introductory course focuses on principles, laws, and concepts in physics, chemistry, and earth and space science. Students model scientific reasoning and experimentation processes: questioning, forming hypotheses, testing hypotheses experimentally, and performing analysis and additional questioning that lead to further experimentation. Lab activities are closely sequenced with the lecture topics, which include measurements and data analysis; fundamentals of classical mechanics; sources and transformations of energy; thermodynamics; waves; electricity and magnetism; light; atomic and nuclear theory; the periodic table; reactions; solutions; fundamentals of organic chemistry; geological processes, with a brief study of rocks and minerals; and the history and structure of the Earth, solar system, and universe. The course incorporates current knowledge of science teaching and concept development. It is aimed at current and prospective teachers, or anyone desiring to acquire basic literacy in physical science.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B1, B3

**IGETC:** 5A, 5C

*For more information contact:*

**Justin Miller (805) 678-5094** [jwmiller@vcccd.edu](mailto:jwmiller@vcccd.edu)

## Physics

Physics is the science of matter and its motion, the science that deals with concepts such as force, energy, mass and charge. As an experimental science, the goal in understanding physics is to understand the natural world. In one form or another, physics is one of the oldest academic disciplines; through its modern subfield of astronomy, it may be the oldest of all. Advances in physics often translate to the technological sector, and sometimes influence the other sciences, as well as mathematics and philosophy.

The physics program at Oxnard College offers the Associate in Science (A.S.) degree and the Associate in Science for Transfer (AS-T). The courses in this program may prepare students for technician-level jobs or university transfer to Bachelor of Arts or Bachelor of Science degree programs in physics.

## University of California Credit Limitation on Transfer of Physics Courses

The UC will give credit for only one Physics series:

Course ID	Title	Units/Hours
PHYS R101	College Physics 1	4
PHYS R101L & PHYS R102	College Physics 1 Laboratory and College Physics 2	5
PHYS R102L	College Physics 2 Laboratory	1
or		
PHYS R121 & PHYS R122	Physics with Calculus 1 and Physics with Calculus 2	10

or			
PHYS R131	Physics for Scientists and Engineers 1	5	
PHYS R132	Physics for Scientists and Engineers 2	5	
PHYS R133	Physics for Scientists and Engineers 3	5	

**NOTE:** The UC limits enrollment in some courses. See the UC Transfer Course Agreement (p. 105) page for details.

#### PHYS R101 College Physics 1 4 Units

*In-Class Hours:* 70 lecture

*Prerequisites:* MATH R116

This course is an introduction to classical mechanics and thermal physics that is appropriate for non-majors. It assumes a prior knowledge of mathematics through algebra/trigonometry. Central topics include kinematics, vectors, forces, energy, rotational motion, heat, fluids, waves, and sound. The course is designed to meet the needs of students majoring in the biological sciences and science-allied fields such as architecture.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B1

**IGETC:** 5A

#### PHYS R101L College Physics 1 Laboratory 1 Unit

*In-Class Hours:* 52.5 laboratory

*Prerequisites:* PHYS R101 or concurrent enrollment

*C-ID:* PHYS 105

This course is the laboratory that complements PHYS R101, which may be taken either previously or concurrently. It provides students with opportunities to learn and apply the scientific method through investigations of the phenomena discussed in that course. It also introduces students to methods of computer-assisted data analysis.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B3

**IGETC:** 5C

#### PHYS R102 College Physics 2 4 Units

*In-Class Hours:* 70 lecture

*Prerequisites:* PHYS R101

This course is an introduction to electromagnetic theory, optics, and modern physics that is appropriate for non-majors. It assumes a prior knowledge of mathematics through algebra/trigonometry, and of the fundamentals of classical mechanics. Central topics include electricity, magnetism, optics, quantum ideas, atomic and nuclear physics, and special relativity. The course is designed to meet the needs of students majoring in the biological sciences and science-allied fields such as architecture.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B1

**IGETC:** 5A

#### PHYS R102L College Physics 2 Laboratory 1 Unit

*In-Class Hours:* 52.5 laboratory

*Prerequisites:* PHYS R102 or concurrent enrollment

*C-ID:* PHYS 110, PHYS 100 S

This course provides students with opportunities to learn and apply the scientific method through investigations of the phenomena discussed in a college physics lecture. It also introduces students to methods of computer-assisted data analysis.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B3

**IGETC:** 5C

#### PHYS R121 Physics with Calculus 1 5 Units

*In-Class Hours:* 70 lecture, 52.5 laboratory

*Prerequisites:* MATH R120

*C-ID:* PHYS 105

This course is an introduction to classical mechanics and thermal physics. Topics include vectors, motion, force, energy, heat, fluids, waves, and sound. The laboratory provides students with opportunities to learn and apply the scientific method through investigations of the phenomena discussed in lecture. It also introduces students to methods of computer-assisted data analysis. The course is designed to meet the needs of students majoring in the biological sciences, although it may also be suitable for students in certain other majors. It is not appropriate for students planning to major in fields such as engineering, mathematics, the physical sciences, or computer science.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B1, B3

**IGETC:** 5A, 5C

#### PHYS R122 Physics with Calculus 2 5 Units

*In-Class Hours:* 70 lecture, 52.5 laboratory

*Prerequisites:* PHYS R121 and MATH R121

*C-ID:* PHYS 110, PHYS 100S (PHYS R121 + PHYS R122)

This course is an introduction to electromagnetic theory, optics, and modern physics. Topics include electricity, magnetism, optics, quantum ideas, atomic and nuclear physics, and special relativity. The laboratory provides students with opportunities to learn and apply the scientific method through investigations of the phenomena discussed in lecture. It also provides students with additional exposure to methods of computer-assisted data analysis. The course is designed to meet the needs of students majoring in the biological sciences, although it may also be suitable for students in certain other majors. It is not appropriate for students planning to major in fields such as engineering, mathematics, the physical sciences, or computer science.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B1, B3

**IGETC:** 5A, 5C

**PHYS R131 Physics for Scientists and Engineers 1 5 Units***In-Class Hours:* 70 lecture, 52.5 laboratory*Prerequisites:* MATH R120*Advisories/Rec Prep:* PHYS R101*C-ID:* PHYS 205

This course is an introduction to the statics and dynamics of rigid bodies and ideal fluids. Central topics include Newton's laws; conservation of energy, linear momentum, and angular momentum; equilibrium of rigid bodies; and oscillatory motion. Although the course emphasizes conceptual understanding, students also learn to apply mathematical techniques such as vector algebra, differential and integral calculus, Taylor series, and linear differential equations to the solution of problems. The laboratory provides students with opportunities to learn and apply the scientific method through investigations of the phenomena discussed in lecture. The course is appropriate for students majoring in the physical sciences, engineering, mathematics, computer science, and related fields.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B1, B3**IGETC:** 5A, 5C**PHYS R132 Physics for Scientists and Engineers 2 5 Units***In-Class Hours:* 70 lecture, 52.5 laboratory*Prerequisites:* PHYS R131 and MATH R121*C-ID:* PHYS 210

This course is an introduction to electricity and magnetism along with thermodynamics, with emphasis on understanding field theory, the behavior of simple electrical circuits, heat exchange, the laws of thermodynamics and thermodynamic processes. Central topics include gravitational, electric, and magnetic fields; the laws of Coulomb, Gauss, Ohm, Kirchhoff, Ampere, Biot-Savart, and Faraday; simple circuit analysis; Maxwell equations; heat, entropy, thermodynamic processes, and the thermodynamic laws. Although the course emphasizes conceptual understanding, students also learn to apply mathematical techniques such as vector algebra, vector differentiation and integration, binomial approximations, and linear differential equations to the solution of problems. The laboratory provides students with opportunities to learn and apply the scientific method through investigations of the phenomena discussed in lecture. The course is appropriate for students majoring in the physical sciences, engineering, mathematics, computer science, and related fields.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B1, B3**IGETC:** 5A, 5C**PHYS R133 Physics for Scientists and Engineers 3 5 Units***In-Class Hours:* 70 lecture, 52.5 laboratory*Prerequisites:* PHYS R132 and MATH R122*C-ID:* PHYS 215, PHYS 200 S

This course is an introduction to wave motion (with emphasis placed on the study of sound and electromagnetic wave phenomena), geometrical and wave optics, and selected elementary topics on special relativity and quantum mechanics. Central topics include mechanical and electromagnetic waves; geometric optics; interference and diffraction; relativistic kinematics and dynamics; and elementary quantum theory with atomic structure. Although the course emphasizes conceptual understanding, students also learn to apply mathematical techniques such as vector calculus, Fourier analysis, numerical approximations, and multi-variable integration to the solution of problems. The laboratory provides students with opportunities to learn and apply the scientific method through investigations of the phenomena discussed in lecture. The course is appropriate for students majoring in the physical sciences, engineering, mathematics, computer science, and related fields.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** A2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B1, B3**IGETC:** 5A, 5C

- Physics, Associate in Science for Transfer (p. 403)
- Physics, Associate in Science (p. 402)
- Physics, Associate in Science for UC Transfer (p. 404)

*For more information, contact:***Justin Miller (805) 678-5094** [jwmiller@vcccd.edu](mailto:jwmiller@vcccd.edu)

## Physics, Associate in Science

To earn an associate degree with a major in physics, students must complete the core courses listed below, plus general education degree requirements. These major requirements help prepare students for upper-division course work for bachelor and advanced degrees in physics offered by four-year institutions. Since the course work in physics and math is sequential, students should give priority to completing major requirements in degree planning.

The core courses listed for the Associate in Science degree in physics help students prepare for transfer to a Bachelor of Science degree in physics program at the University of California Los Angeles (UCLA), the University of California Santa Barbara (UCSB), California State University Northridge (CSUN) California State University Channel Islands (CSUCI), and other accredited universities. Universities differ slightly in requirements for the Bachelor of Arts degree in physics and the Bachelor of Science degree in physics. Students are advised to refer to the official articulation agreements on [assist.org](http://assist.org) for the most current requirements of their intended transfer institution. The Counseling Department or a member of the Science Department faculty can help plan a student's coursework at Oxnard College so the student has a smooth transition to the University of his or her choice with a major in physics. The requirements for the A.S. degree in physics are satisfactory completion of a minimum of 60 semester units of which 41 semester units must be the Required Core Courses shown below. The additional minimum of 20 units is to be chosen from the general education degree

requirements found in the Oxnard College catalog. Students who plan to transfer to a four-year university should consult the CSU-GE or IGETC pattern for general education. The A.S. degree in physics is designed for students who wish to earn a Bachelor of Arts or Bachelor of Science degree in physics at UCLA, UCSB, or CSUN.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
PHYS R131	Physics for Scientists and Engineers 1	5
PHYS R132	Physics for Scientists and Engineers 2	5
PHYS R133	Physics for Scientists and Engineers 3	5
MATH R120	Calculus with Analytic Geometry I	5
MATH R121	Calculus with Analytic Geometry II	5
MATH R122	Calculus with Analytic Geometry III	5
MATH R134	Linear Algebra	3
MATH R143	Differential Equations	3
CHEM R120	General Chemistry I <sup>1</sup>	5
<b>Total Required Major Units</b>		<b>41</b>
CSU GE-Breadth		39
Double-Counted Units		- 6
Free Electives Required		0
<b>Total Units Required for A.S. Degree</b>		<b>72-74</b>
IGETC		37
Double-Counted Units		- 6
Free Electives Required		0
<b>Total Units Required for A.S. Degree</b>		<b>72-74</b>

1

UC Santa Barbara requires *both* CHEM R120 General Chemistry I (Units: 5) and CHEM R122 General Chemistry II (Units: 5) for either the B.A. in Physics or the B.S. in Physics. CHEM R122 General Chemistry II (Units: 5) is offered fall and spring semesters at Oxnard College.

To complete the Associate Degree, students must meet requirements in the major, general education, competency, units, scholarship, and residency. Refer to Earn an Associate Degree and the A.A. or A.S. Degree in Specific Majors sections of this catalog.

Proposed plan of study for A.S. degree in Physics:

Year 1		
Fall Semester		Units/Hours
MATH R120	Calculus with Analytic Geometry I	5
CHEM R120	General Chemistry I	5
<b>Units/Hours</b>		<b>10</b>
Spring Semester		
MATH R121	Calculus with Analytic Geometry II	5
PHYS R131	Physics for Scientists and Engineers 1	5
<b>Units/Hours</b>		<b>10</b>
Year 2		
Fall Semester		
MATH R122	Calculus with Analytic Geometry III	5
PHYS R132	Physics for Scientists and Engineers 2	5
<b>Units/Hours</b>		<b>10</b>
Spring Semester		
MATH R134 & MATH R143	Linear Algebra and Differential Equations	6

PHYS R133	Physics for Scientists and Engineers 3	5
<b>Units/Hours</b>		<b>11</b>
<b>Total Units/Hours</b>		<b>41</b>

Upon successful completion of this program, students will be able to:

- Apply the fundamental principles of physics to solve quantitative problems involving physical systems given certain parameters.
- Appropriately utilize physics equipment and the skills needed to gather and analyze data pertaining to physical systems.
- Extract information from graphs containing relations between physical quantities and use it to draw conclusions pertaining to the given system.
- Interpret and develop diagrams depicting physical systems and use them to draw conclusions, formulate mathematical representations, and solve for unknown quantities.
- Utilize communication skills (e.g. written, oral, web-based) to effectively report observational results and conclusions based on these results.

## Physics, Associate in Science for Transfer

Physics is the science of understanding that which is around us. It spawns from the questions posed by ancient philosophers seeking to understand their existence. Physics ultimately utilizes mathematics, observations, and logic to coherently model the natural phenomena that we encounter daily; from something as simple as how an object falls to something as complex as the ongoing expansion of the Universe. Physics imbues us with the ability to know what happens next, given the parameters and intricacies of a system. This, in turn, allows us to devise and develop technologies that utilize our knowledge and propel us as a people into the future.

The Associate in Science in Physics for Transfer degree (AS-T in Physics) is intended for students who plan to complete a bachelor's degree in a "similar" major at a CSU campus. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, although not necessarily to a particular CSU campus or major.

To earn an AS-T in Physics, students must:

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 30 semester units in the Physics major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 section

55063), it is highly recommended that students complete their major courses with a letter grade.

- Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that accepts the Mathematics AS-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		<b>15</b>
PHYS R131	Physics for Scientists and Engineers 1	
PHYS R132	Physics for Scientists and Engineers 2	
PHYS R133	Physics for Scientists and Engineers 3	
<b>Required Mathematics Courses</b>		<b>15</b>
MATH R120	Calculus with Analytic Geometry I	
MATH R121	Calculus with Analytic Geometry II	
MATH R122	Calculus with Analytic Geometry III	
<b>Total Required Major Units</b>		<b>30</b>
IGETC Pattern		37
Double-Counted Units		-7
Free Electives Required		0
<b>Total Units Required for AS-T Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Apply the fundamental principles of physics to solve quantitative problems involving physical systems given certain parameters.
- Appropriately utilize physics equipment and the skills needed to gather and analyze data pertaining to physical systems.
- Extract information from graphs containing relations between physical quantities and use it to draw conclusions pertaining to the given system.
- Interpret and develop diagrams depicting physical systems and use them to draw conclusions, formulate mathematical representations, and solve for unknown quantities.
- Utilize communication skills (e.g. written, oral, web-based) to effectively report observational results and conclusions based on these results.

## Physics, Associate in Science for UC Transfer

This Associate in Science degree in Physics for UC Transfer degree is intended to facilitate transfer and increase academic preparation for students as they prepare to transfer into a Physics program at a UC campus. Along with the Transfer Agreement Guarantee (TAG), students completing this degree are guaranteed admission to the UC system, but not necessarily to a particular UC campus or major of their choice. Students should consult with a counselor for more information on university admission and transfer requirements, as this degree in Physics may not be the best option for students intending to transfer to

a particular UC campus or to a college or university that is not part of the UC system.

To earn an Associate in Science in Physics for UC Transfer degree, students must:

- Complete 40 semester units in Physics major preparation, as prescribed on the UCTP Template.
- Complete IGETC\* courses in the following areas, as prescribed on the UCTP Template.
  - Area 1A Freshman Composition (3 units)
  - Area 1B Critical Thinking (3 units)
  - Area 3 Arts and Humanities (3 units)
  - Area 4 Social and Behavioral Science (3 units)
  - Area 5B Biological Science (4 units)
  - Area 6 Language other than English (0-4 units)
- Meet the specified requirements as stated in the Transfer Agreement Guarantee (TAG) for the available school.
- Obtain a cumulative minimum grade point average (GPA) of 3.5 in the major. Students that earn less than 3.5 GPA (UC transferable) still meet the associate degree graduation requirement but will not receive the guaranteed admission into a UC.
- Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade due to unit limitations on "P/NP" courses by the UC system.
- Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

\*NOTE: This degree allows for the deferment of IGETC courses, including two courses in Area 3 (Arts and Humanities) and two courses in area 4 (Social Science). These deferred IGETC requirements are to be completed at the UC, after transfer.

Course ID	Title	Units/ Hours
<b>Required Core Courses:</b>		<b>46</b>
CHEM R120	General Chemistry I	5
CHEM R122	General Chemistry II	5
PHYS R131	Physics for Scientists and Engineers 1	5
PHYS R132	Physics for Scientists and Engineers 2	5
PHYS R133	Physics for Scientists and Engineers 3	5
MATH R120	Calculus with Analytic Geometry I	5
MATH R121	Calculus with Analytic Geometry II	5
MATH R122	Calculus with Analytic Geometry III	5
MATH R134	Linear Algebra	3
MATH R143	Differential Equations	3
<b>IGETC General Education Requirements</b>		<b>21</b>
<b>Area 1A Freshman Composition: Select one course</b>		
ENGL R101	College Composition	4
or ENGL R101H	Honors: College Composition	
<b>Area 1B Critical Thinking: Select one course</b>		
ENGL R102	Critical Thinking through Composition and Literature	4
or ENGL R102H	Honors: Critical Thinking through Composition and Literature	



ENGL R128	Composition and Critical Thinking through Non-Fiction	3	PHIL R106	History of Modern Philosophy	3
PHIL R111	Critical Thinking and Analytic Writing	3	PHIL R108	World Mythology	3
<b>Area 3 Arts and Humanities: Select one course</b>			PHIL R110	Philosophy of Religion	3
ANTH R110	People of the World: The Cultures of Globalization and Change	3	PHIL R114	Social Philosophy	3
ANTH R111	Magic, Witchcraft and Religion: Anthropology of Belief	3	or SOC R114	Social Philosophy	
or ANTH R111H	Honors: Magic, Witchcraft and Religion: Anthropology of Belief		PHIL R115	Comparative World Religions	3
ANTH R113	Ancient Civilizations of the Americas	3	or PHIL R115H	Honors: Comparative World Religions	
ANTH R116/ IDS R102	Science, Technology, and Human Values	3	PHIL R116	Contemporary Moral Issues	3
ART R101	Introduction to Art and Visual Culture	3	SPAN R210	Intermediate Spanish II	4
ART R102	Western Art I: Prehistory through the Middle Ages	3	SPAN R220	Spanish for Heritage Speakers I	4
ART R103	Western Art II: Renaissance to Contemporary	3	or SPAN R220H	Honors: Spanish for Heritage Speakers I	
ART R171	Modern Art	3	SPAN R230	Spanish for Heritage Speakers II	4
ART R172	Art of the Ancient Americas	3	or SPAN R230H	Honors: Spanish for Heritage Speakers II	
ART R174	Latin American Art	3	SPAN R232	Latin American Literature	3
ASL R103	American Sign Language 3	4	or SPAN R232H	Honors: Latin American Literature	
ASL R104	American Sign Language 4	4	SPAN R234	Latin American and Spanish Film	3
ENGL R104	English Literature I	3	SPAN R236	Cultures of Latin America	3
ENGL R105	English Literature II	3	or SPAN R236H	Honors: Cultures of Latin America	
ENGL R107	American Literature I	3	THTR R111	Introduction to Theatre	3
ENGL R108	American Literature II	3	<b>Area 4 Social and Behavioral Science: Select one course</b>		
ENGL R111	Shakespeare	3	ADS/PSY R131	Abnormal Psychology	3
ENGL R112	Literature by Women	3	ANTH R102	Introduction to Cultural Anthropology	3
ENGL R124	Introduction to LGBTIQ Literature	3	or ANTH R102H	Honors: Introduction to Cultural Anthropology	
ENGL R125	Children's Literature	3	ANTH R103	Introduction to Archaeology	3
ENGL R126	Introduction to Chicana/o Literature	3	ANTH R105	Sex, Gender and Culture	3
ESL R100	College Writing Preparation for Non-Native Speakers	4	ANTH/ETHS R107	The Anthropology of Native Americans	3
FTVE R107	History of Film	3	ANTH R110	People of the World: The Cultures of Globalization and Change	3
HIST R108	African-American History	3	ANTH R111	Magic, Witchcraft and Religion: Anthropology of Belief	3
HIST R109	History of Mexico	3	or ANTH R111H	Honors: Magic, Witchcraft and Religion: Anthropology of Belief	
HIST R110	History of the Middle East	3	ANTH R113	Ancient Civilizations of the Americas	3
HIST R150	World History I	3	ANTH/ETHS R114	African American Culture and Experience	3
or HIST R150H	Honors: World History I		ANTH R115	Introduction to Language and Culture	3
HIST R160	World History II	3	ANTH/ETHS R119/ BRS R101	Introduction to Border Studies	3
or HIST R160H	Honors: World History II		ASL R110	Introduction to Deaf Studies	3
MUS R101	Fundamentals of Music	3	CHST R101	Introduction to Chicana/o Studies	3
MUS R103	Music Appreciation	3	CHST R102	Chicana/o Cultural Identity	3
MUS R116	History of Rock Music	3	CHST/HIST R107	History of Mexicans in the United States	3
MUS R109	Music of Latin America	3	CHST/SOC R108	Sociology of the Chicano Community	3
PHIL R101	Introduction to Philosophy	3	COMM R102	Introduction to Communication Studies	3
or PHIL R101H	Honors: Introduction to Philosophy		COMM R111	Interpersonal Communication	3
PHIL R102	Introduction to Ethics	3	COMM R113	Intercultural Communication	3
or PHIL R102H	Honors: Introduction to Ethics		ECE R102	Child Growth and Development	3
PHIL R103	Survey of World Religions: East	3	ECON R100	Introduction to Economics and Contemporary Economics Issues	3
PHIL R104	Survey of World Religions: West	3	ECON R201	Introduction to the Principles of Microeconomics	3
PHIL R105	History of Ancient and Medieval Philosophy	3	or ECON R201H	Honors: Introduction to the Principles of Microeconomics	

ECON R202	Introduction to the Principles of Macroeconomics	3
or ECON R202H	Honors: Introduction to the Principles of Macroeconomics	
GEOG R102	World Regional Geography	3
GEOG R104	Geography of California	3
GEOG R105	Introduction to Human Geography	3
GLST R101	Introduction to Global Studies	3
GLST R102	Global Issues and Problems	3
HED R113	Introduction to Public Health	3
HIST R104	History of California	3
HIST R108	African-American History	3
HIST R109	History of Mexico	3
HIST R110	History of the Middle East	3
HIST R117	History of American Women	3
HIST R124	Sports in American History	3
HIST R125	U.S. Foreign Policy and Covert Action	3
or HIST R125H	Honors: U.S. Foreign Policy and Covert Action	
HIST R130	History of the United States I	3
or HIST R130H	Honors: History of the United States I	
HIST R140	History of the United States II	3
or HIST R140H	Honors: History of the United States II	
HIST R150	World History I	3
or HIST R150H	Honors: World History I	
HIST R160	World History II	3
or HIST R160H	Honors: World History II	
POLS R101	Government of the United States I: Institutions and Politics	3
POLS R102	Introduction to Law and Society	3
POLS R104	Introduction to International Relations	3
POLS R108	Comparative Politics	3
POLS R120	Political Theory	3
POLS R125	U.S. Foreign Policy and Covert Action	3
or POLS R125H	Honors: U.S. Foreign Policy and Covert Action	
PSY R101	General Psychology	3
or PSY R101H	Honors: General Psychology	
PSY R104	Research Methods in Psychology	3
PSY R107/SOC R104	Sex Roles	3
PSY R108	Developmental Psychology	3
PSY R110	Human Sexuality	3
SJS/ETHS R110	Introduction to Social Justice Studies	3
SJS R120	Introduction to Women's Studies	3
SJS R130	Introduction to LGBTQ Studies	3
SOC R101	Introduction to Sociology	3
or SOC R101H	Honors: Introduction to Sociology	
SOC R102	Social Problems	3
SOC R103	Race and Ethnic Relations	3
SOC R106	Contemporary Family in American Society	3
SOC R111	Introduction to Social Research	3
SOC R116	Crime and Society	3
SOC R119	Introduction to Social Work and Human Services	3
URBS R101	Introduction to Urban Studies	3

**Area 5B Biological Science: Select one course**

ANAT R101	General Human Anatomy	4
ANTH R101	Introduction to Biological Anthropology	3
or ANTH R101H	Honors: Introduction to Biological Anthropology	
BIOL R100	Marine Biology	3
BIOL R101	General Biology	3
or BIOL R101H	Honors: General Biology	
BIOL R120	Principles of Biology I	4
BIOL R122	Principles of Biology II	4
BIOL R155	Principles of Botany	3
ESRM R100	Introduction to Environmental Science	3
MICR R100	Principles of Microbiology	3
MST R100	Marine Biology	3
PHSO R101	Human Physiology	5
PSY R105	Introduction to Physiological Psychology	3

**Area 6 Language Other than English**

ASL R101	American Sign Language 1	4
ASL R102	American Sign Language 2	4
ASL R103	American Sign Language 3	4
ASL R104	American Sign Language 4	4
SPAN R200	Intermediate Spanish I	4
SPAN R210	Intermediate Spanish II	4
SPAN R220	Spanish for Heritage Speakers I	4
or SPAN R220H	Honors: Spanish for Heritage Speakers I	
SPAN R230	Spanish for Heritage Speakers II	4
or SPAN R230H	Honors: Spanish for Heritage Speakers II	

**Total Units for the Major**

IGETC	21
IGETC Electives	0
<b>Total Units for Degree</b>	<b>67</b>

Upon successful completion of this program, students will be able to:

- Apply the fundamental principles of physics to solve quantitative problems.
- Appropriately utilize physics equipment and the skills needed to gather and analyze data.
- Extract information from graphs and utilize said information to draw conclusions.
- Interpret and develop diagrams depicting physical systems and use them to draw conclusions, formulate mathematical representations, and solve for unknown quantities.
- Utilize communication skills (e.g. written, oral, web-based) to effectively report observational results and conclusions based on these results.

## Physiology

Physiology is the science of life. It is the branch of biology that aims to understand the mechanisms of living things, from the basis of cell function at the ionic and molecular level to the integrated behavior of the whole body and the influence of the external environment. Research in physiology helps us to understand how the body works in health and how it responds and adapts to the challenges of everyday life; it also helps us to determine what goes wrong in disease, facilitating the development of new treatments and guidelines for maintaining human and animal health.

The emphasis on integrating molecular, cellular, systems and whole body function is what distinguishes physiology from the other life sciences.

See "Biological Sciences (p. 215)" for information on programs.

### **PHSO R101 Human Physiology 5 Units**

*In-Class Hours:* 52.5 lecture, 105 laboratory

*Prerequisites:* ANAT R101 and CHEM R104 or CHEM R110 and ENGL R097 and MATH R005 or MATH R015 or placement as determined by the college's multiple measures assessment process

*C-ID:* BIOL 120B

This course emphasizes principles of cellular and systemic functions of the human body. Lecture topics include scientific method, basic inorganic and organic chemistry, solute as well as water transport and balance, homeostatic mechanisms, and functions of the major organ systems.

This course emphasizes demonstrations and techniques of commonly utilized laboratory equipment. Laboratory topics will primarily consist of analysis, interpretation and evaluation of data gathered relating to homeostatic mechanisms, functions of the major organ systems and disease. Experiments reinforce material presented in lecture.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** B2, B3

**IGETC:** 5B, 5C

## **Political Science**

A Political Science major offers an education in government and political issues, local, national and global. A variety of courses in Political Science develop skills in research and analysis of government institutions, political behavior, the public policy process and global politics. Topics include the interpretation and use of constitutions, the politics of the legislative process, the impact of money and lobbying on elections, campaigns and public policy decisions, the role of political parties, interactions between national, state and local government, the role of executive leadership including the United States President, the impact of bureaucracies on public and personal life, the judicial process and the criminal justice system, comparative government, international relations, globalization and a wide range of issues that affect the lives of citizens. Development of skills in research, critical thinking, persuasive argument in debate, and analytical writing are primary goals of instruction in political science. All courses provide a stimulating foundation for the life of an educated citizen.

### **POLS R100 Introduction to Politics 3 Units**

*In-Class Hours:* 52.5 lecture

*C-ID:* POLS 150

This course introduces students to the discipline and subfields within Political Science. Basic political concepts, political ideologies, political institutions and political systems are examined. The concepts of power, law, justice, democracy, social welfare and liberty will be discussed in relation to contemporary institutions of government. The impact of international and transnational influences on domestic politics will be analyzed. This course includes the study of California Government.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B1, B2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D, US-2, US-3

**IGETC:** 4

### **POLS R101 Government of the United States I: Institutions and Politics 3 Units**

*In-Class Hours:* 52.5 lecture

*C-ID:* POLS 110

This course provides a study of the Constitutional principles, institutions and politics of American Government with special attention to the dynamics of representative government evident in voting, campaigns, political party politics, legislative process, presidential leadership and the public policy process. The California Constitution and government will be examined.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B1, B2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D, US-2, US-3

**IGETC:** 4

### **POLS R102 Introduction to Law and Society 3 Units**

*In-Class Hours:* 52.5 lecture

*C-ID:* LPPS 110

This course offers an introduction to the study of principles, institutions and procedures characteristic of government in the United States, national, state and local. Special attention is given to the American legal system including its development, structure and history; the judicial process and judicial interpretations of constitutional principles regarding federal-state relations, legislative authority, presidential authority, civil liberties and civil rights. This course includes study of the California Constitution and analysis of the California legal system. Issues including immigration, police authority, juvenile crime, due process in court proceedings and punishment policies are debated. Also included is a review of the principles of legal ethics. This course partially fulfills a state requirement in American Institutions.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B1, B2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D, US-2, US-3

**IGETC:** 4

**POLS R104 Introduction to International Relations 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* POLS 140

An introduction to international relations theory, this course examines national, international, transnational, and sub-national actors and their institutions, interactions and processes as they relate to global issues. The role of international institutions such as the United Nations and the World Bank, the activities of non-governmental organizations and the goals and methods of protest movements are described. Topics to be discussed include the impact of globalization, international trade, transnational corporations, mass communication technology, global migration, massive arms distributions and the sources of armed conflict.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**POLS R108 Comparative Politics 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* POLS 130

This course surveys the political life and institutions of a number of foreign countries. The impact of politics in developed and developing countries is examined on the local, state and international levels. Political and economic development, political conflicts, civil war, revolution, civic participation and their relationship to global forces are all examined in an effort to identify both similarities and differences in people's attempts to grapple with government problems throughout the world.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**POLS R120 Political Theory 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* POLS 120

This course is an introduction to political theory in which students explore the most significant concepts in political science including: power, justice, equality, punishment, and freedom. Students will engage in the analysis of selected political theories, political ideologies, and the application of political theory to contemporary problems.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**POLS R125 U.S. Foreign Policy and Covert Action 3 Units***Same-As:* HIST R125*In-Class Hours:* 52.5 lecture

This course is a survey of selected themes, problems, and personalities which have been associated with the creation of both official and covert American relationships with foreign powers. The course examines how U.S. involvements with nations in Europe, Latin America, the Middle East, Africa, and Asia have interacted with and impacted American society, economics, and democratic institutions with an emphasis on CIA actions performed by the U.S. in the latter half of the 20th Century. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of C or better or "P".

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**POLS R125H Honors: U.S. Foreign Policy and Covert Action 3 Units***Same-As:* HIST R125H*In-Class Hours:* 52.5 lecture

This course is a survey of selected themes, problems, and personalities which have been associated with the creation of both official and covert American relationships with foreign powers. The course examines how U.S. involvements with nations in Europe, Latin America, the Middle East, Africa, and Asia have interacted with and impacted American society, economics, and democratic institutions with an emphasis on CIA actions performed by the U.S. in the latter half of the 20th Century. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications, and enrichment opportunities. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of C or "P" or better.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**POLS R199 Directed Studies in Political Science 1-3 Units***In-Class Hours:* 17.5-52.5 lecture

Designed for selected students interested in furthering their knowledge of political science on an independent study basis; assigned problems will involve library, lab and field work.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

- Political Science, Associate in Arts for Transfer (p. 410)
- Political Science, Associate in Arts (p. 409)

For more information, contact:

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## Political Science, Associate in Arts

The Associate in Arts degree in Political Science introduces students to political theory, the American political system and government structure including the process of local, state, and federal governments and its relationship to the international/global system. Students learn the skills of logical reasoning, critical analysis, fact gathering and developing effective arguments. In addition, students in the program gain an understanding for, and appreciation of, the American political system.

The Associate in Arts degree in Political Science requires a 15 unit core of the most common courses found in Political Science majors at both the UC and CSU. Requiring only 6 units of restricted electives, it is structured in a way that allows students to customize their major based on their intended transfer destination or their academic interests. Students may choose the general education pattern most appropriate for their educational goal including the Oxnard College General Education pattern, CSU GE-Breadth, or IGETC.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		<b>15</b>
POLS R100	Introduction to Politics	
POLS R101	Government of the United States I: Institutions and Politics	
POLS R102	Introduction to Law and Society	
POLS R104	Introduction to International Relations	
POLS R108	Comparative Politics	
<b>Required Additional Courses</b>		<b>6</b>
ANTH R102 or ANTH R102	Introduction to Cultural Anthropology	
CHST/HIST R107	History of Mexicans in the United States	
ECON R100	Introduction to Economics and Contemporary Economics Issues	
ECON R201 or ECON R201H	Introduction to the Principles of Microeconomics Honors: Introduction to the Principles of Microeconomics	
ECON R202 or ECON R202H	Introduction to the Principles of Macroeconomics Honors: Introduction to the Principles of Macroeconomics	
GEOG R102	World Regional Geography	
HIST R110	History of the Middle East	
HIST R126	History of Latin America	
HIST R150 or HIST R150H	World History I Honors: World History I	
HIST R160 or HIST R160H	World History II Honors: World History II	
IDS R102	Science, Technology, and Human Values	

PHIL R111	Critical Thinking and Analytic Writing	
PHIL/SOC R114	Social Philosophy	
POLS R120	Political Theory	
POLS/HIST R125/ R125H or POLS R125H	U.S. Foreign Policy and Covert Action Honors: U.S. Foreign Policy and Covert Action	
PSY R103	Beginning Statistics for Behavioral Science	
SOC R103	Race and Ethnic Relations	
<b>Total Required Major Units</b>		<b>21</b>
Oxnard College General Education Pattern		29
Double-Counted Units		- 6-12
Free Electives Required		16-22
<b>Total Required Units for A.A. Degree</b>		<b>60</b>
OR		
<b>Total Required Major Units</b>		<b>21</b>
CSU GE-Breadth		39
Health (can be taken within CSU GE)		3
PE / Kinesiology		1
Double-Counted Units		- 6-12
Free Electives Required		2-8
<b>Total Required Units for A.A. Degree</b>		<b>60</b>
OR		
<b>Total Required Major Units</b>		<b>21</b>
IGETC		37
Health		3
PE / Kinesiology		1
Double-Counted Units		- 6-12
Free Electives Required		4-10
<b>Total Required Units for A.A. Degree</b>		<b>60</b>

To complete the Associate Degree, students must meet requirements in the major, general education, competency, units, scholarship, and residency. Refer to Education Pathways - Earn an Associate Degree and the A.A. or A.S. Degree in Specific Majors sections of this catalog.

Upon successful completion of this program, students will be able to:

- Demonstrate a knowledge and awareness of contemporary issues, political institutions, and problems in the community and their historical contexts. Students should demonstrate an understanding of the importance of community involvement and leadership.
- Demonstrate a working knowledge of research in political science and identify research questions, hypotheses and analyze, critique and integrate source materials.
- Demonstrate an in-depth understanding and knowledge of the political institutions through which public policies are formulated, modified, and implemented.
- Demonstrate an understanding of the mechanics of writing in Political Science and demonstrate proficiency in spelling, grammar and sentence structure. This includes stylistic considerations such as formatting and source documentation. Students should also demonstrate the ability to communicate ideas (oral) effectively.
- Demonstrate increasingly sophisticated skills in reading sources critically. Students should be able to research, evaluate and analyze the field of Political science and relate ideas to other fields as well.
- Demonstrate knowledge and theories relevant to global politics and policies. This includes knowledge of Western and non-Western



political systems, processes, values and models of politics and patterns of interaction among them. Students should demonstrate an understanding and respect for economic, socio-cultural, political and environmental interaction of global life.

## Political Science, Associate in Arts for Transfer

*\*Program was changed after publication of catalog. Please see addendum (p. 496) for details.*

The Associate in Arts in Political Science for Transfer (Political Science AA-T) is intended for students who plan to complete a bachelor's degree in a "similar" major at a CSU campus. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) webpage and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, but not to a particular CSU campus or major of their choice.

To earn an AA-T in Political Science, students must:

1. Complete a minimum of **60** CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of **18** semester units in the Political Science major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of **2.0** in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that accepts the Political Science AA-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is designated as a "high-unit" major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		<b>3</b>
POLS R101	Government of the United States I: Institutions and Politics	
<b>List A - Complete three of the following courses:</b>		<b>9</b>
POLS R120	Political Theory	
POLS R108	Comparative Politics	

POLS R104	Introduction to International Relations	
POLS R100	Introduction to Politics	
<b>List B - Complete two of the following courses:</b>		<b>6-7</b>
Any course from List A not already selected		
SOC R125	Statistics for the Behavioral and Social Sciences	
or MATH R105	Introductory Statistics	
or MATH R105H	Honors: Introductory Statistics	
or PSY R103	Beginning Statistics for Behavioral Science	
ANTH R102	Introduction to Cultural Anthropology	
or ANTH R102H	Honors: Introduction to Cultural Anthropology	
ANTH R105	Sex, Gender and Culture	
ANTH R110	People of the World: The Cultures of Globalization and Change	
CHST R108	Sociology of the Chicano Community	
or SOC R108	Sociology of the Chicano Community	
ECON R100	Introduction to Economics and Contemporary Economics Issues	
ECON R201	Introduction to the Principles of Microeconomics	
or ECON R201H	Honors: Introduction to the Principles of Microeconomics	
ECON R202	Introduction to the Principles of Macroeconomics	
or ECON R202H	Honors: Introduction to the Principles of Macroeconomics	
HIST R130	History of the United States I	
or HIST R130H	Honors: History of the United States I	
HIST R140	History of the United States II	
or HIST R140H	Honors: History of the United States II	
HIST R150	World History I	
or HIST R150H	Honors: World History I	
HIST R160	World History II	
or HIST R160H	Honors: World History II	
HIST R109	History of Mexico	
HIST R117	History of American Women	
HIST R125	U.S. Foreign Policy and Covert Action	
or HIST R125H	Honors: U.S. Foreign Policy and Covert Action	
POLS R102	Introduction to Law and Society	
POLS R125	U.S. Foreign Policy and Covert Action	
or POLS R125H	Honors: U.S. Foreign Policy and Covert Action	
SOC R101	Introduction to Sociology	
or SOC R101H	Honors: Introduction to Sociology	
SOC R102	Social Problems	
SOC R104	Sex Roles	
or PSY R107	Sex Roles	
or SOC R140	Sociology of Gender	
<b>Total Required Major Units</b>		<b>18-19</b>
CSU GE-Breadth		39
Double-Counted Units		- 6-12
Free Electives Required		9-15
<b>Total Units Required for AA-T Degree</b>		<b>60</b>
OR		

<b>Total Required Major Units</b>	<b>18-19</b>
IGETC	37
Double-Counted Units	- 6-12
Free Electives Required	11-17
<b>Total Units Required for AA-T Degree</b>	<b>60</b>

Upon successful completion of this program, students will be able to:

- Students should demonstrate knowledge and theories relevant to global politics and policies. This includes knowledge of Western and non-Western political systems, processes, values and models of politics and patterns of interaction among them. Students should demonstrate an understanding and respect for economic, socio-cultural, political and environmental interaction of global life.
- Students should demonstrate a knowledge and awareness of contemporary issues, political institutions, and problems in the community and their historical contexts. Students should demonstrate an understanding of the importance of community involvement and leadership.
- Students should demonstrate increasingly sophisticated skills in reading sources critically. Students should be able to research, evaluate and analyze the field of Political Science and relate ideas to other fields as well.
- Students should demonstrate an understanding of the mechanics of writing in Political Science, and demonstrate proficiency in spelling, grammar and sentence structure. This includes stylistic considerations such as formatting and source documentation. Students should also demonstrate the ability to communicate ideas (oral) effectively.
- Students should demonstrate an in-depth understanding and knowledge of the political institutions through which public policies are formulated, modified, and implemented.
- Students should demonstrate a working knowledge of research in political science, and identify research questions, hypotheses and analyze critique and integrate source materials.

## Pre-Health Professions

- Pre-Health Profession, Associate in Science (p. 411)

For more information contact:

**Math, Science, Health, PE and Athletics Division Office**

## Pre-Health Profession, Associate in Science

The Associate in Science in Pre-Health Professions degree prepares students for further study in a variety of health professions. While designed for programs offered within the Ventura County Community College District, including, dental hygiene, nursing, and radiologic technology, completion of this major may prepare students for transfer into other two and four year health professions programs. These include, but are not limited to nursing, radiologic technology, physician's assistant, respiratory technology, sonography, nuclear medicine, pharmacy, clinical laboratory assistant, occupational therapy, veterinary technology, and other related fields. Students completing the program will obtain classroom and hands-on laboratory experience needed in the sciences and required general education courses required to complete Associate degrees or prepare for transfer. Admission requirements vary

by program and by college or university, therefore it is recommended that students work with a Counselor when selecting courses.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		<b>23</b>
BIOL R101	General Biology	
or BIOL R101H	Honors: General Biology	
BIOL R101L	General Biology Laboratory	
CHEM R104	General, Organic, and Biological Chemistry	
or CHEM R110	Elementary Chemistry	
or CHEM R112	Elementary Organic and Biological Chemistry	
ANAT R101	General Human Anatomy	
PHSO R101	Human Physiology	
MICR R100	Principles of Microbiology	
MICR R100L	Principles of Microbiology Laboratory	
<b>List A</b>		<b>19</b>
ENGL R101	College Composition	
or ENGL R101H	Honors: College Composition	
PSY R101	General Psychology	
or PSY R101H	Honors: General Psychology	
PSY R108	Developmental Psychology	
COMM R101	Introduction to Oral Communication	
SOC R101	Introduction to Sociology	
or SOC R101H	Honors: Introduction to Sociology	
ANTH R102	Introduction to Cultural Anthropology	
or ANTH R102H	Honors: Introduction to Cultural Anthropology	
<b>Choose one of the following Critical Thinking courses</b>		<b>3-4</b>
ENGL R102	Critical Thinking through Composition and Literature	
or ENGL R102H	Honors: Critical Thinking through Composition and Literature	
ENGL R128	Composition and Critical Thinking through Non-Fiction	
PHIL R107	Introduction to Logic	
PHIL R112	Symbolic Logic	
<b>Choose one of the following Statistics courses</b>		<b>3-4</b>
MATH R105	Introductory Statistics	
or MATH R105H	Honors: Introductory Statistics	
PSY R103	Beginning Statistics for Behavioral Science	
SOC R125	Statistics for the Behavioral and Social Sciences	
<b>Choose one of the following American Institutions courses</b>		<b>3</b>
CHST/HIST R107	History of Mexicans in the United States	
HIST R108	African-American History	
HIST R117	History of American Women	
HIST R130	History of the United States I	
or HIST R130H	Honors: History of the United States I	
HIST R140	History of the United States II	
or HIST R140H	Honors: History of the United States II	
POLS R100	Introduction to Politics	
POLS R101	Government of the United States I: Institutions and Politics	
POLS R102	Introduction to Law and Society	

Choose one course from General Education area C1 Fine/Performing Arts	3
Choose one course from General Education area C2 Humanities	3
Choose one Kinesiology activity course from General Education area E	1-2
Choose one of the following Health courses	3
HED R105      CPR, AED, First Aid, and Personal Safety	
HED R114      Introduction to Nutrition Science	
<b>Total Required Major Units</b>	<b>55-63</b>
Oxnard College General Education	29
Double-Counted Units	-29
Free Electives Required	0-5
<b>Total required units for the A.S. Degree</b>	<b>60-63</b>
OR	
<b>Total Required Major Units</b>	<b>55-63</b>
CSU GE-Breadth	39
Health (fulfilled within the major)	0
Kinesiology Activity	1
Double-Counted Units	-33
Free electives required	0
<b>Total required units for the A.S. Degree</b>	<b>61-69</b>

**General Education requirements:** Students will be allowed to choose the general education pattern that best aligns with their educational goals and transfer destination from those offered by Oxnard College including the Oxnard College General Education pattern or CSU GE-Breadth.

Year 1		Units/Hours
<b>Fall Semester</b>		
BIOL R101 or BIOL R101H	General Biology or Honors: General Biology	3
BIOL R101L	General Biology Laboratory	1
ENGL R101 or OR ENGL R101H	College Composition or	4
COMM R101	Introduction to Oral Communication	3
MATH R105 or MATH R105H	Introductory Statistics or Honors: Introductory Statistics	4
<b>Units/Hours</b>		<b>15</b>
<b>Spring Semester</b>		
CHEM R104 or CHEM R110	General, Organic, and Biological Chemistry or Elementary Chemistry	5
ANAT R101	General Human Anatomy	4
SOC R101 or SOC R101H	Introduction to Sociology or Honors: Introduction to Sociology	3
ANTH R102 or ANTH R102H	Introduction to Cultural Anthropology or Honors: Introduction to Cultural Anthropology	3
<b>Units/Hours</b>		<b>15</b>

Year 2		Units/Hours
<b>Fall Semester</b>		
PHSO R101	Human Physiology	5
PSY R101 or PSY R101H	General Psychology or Honors: General Psychology	3
Choose one course from American Institutions		3
Choose one course from area C1 Fine/Performing Arts		3
Choose one Kinesiology activity course from area E		1
<b>Units/Hours</b>		<b>15</b>
<b>Spring Semester</b>		
MICR R100	Principles of Microbiology	3
MICR R100L	Principles of Microbiology Laboratory	2
PSY R108	Developmental Psychology	3

Choose one course in Critical Thinking from the following: ENGL R102, ENGL R102H, ENGL R128, PHIL R107, or PHIL R112	3	
Choose one course from area C2 Humanities	3	
HED R105      CPR, AED, First Aid, and Personal Safety or HED R114      or Introduction to Nutrition Science	3	
<b>Units/Hours</b>		<b>17</b>
<b>Total Units/Hours</b>		<b>62</b>

Upon successful completion of this program, students will be able to:

- Apply the scientific method in order to explain natural phenomena and world.
- Analyze and present biological data in a graphical format.
- Use acquired knowledge of biology to evaluate current events.
- Communicate core concepts central to biology using scientific terminology.

## Psychology

The Department of Psychology at Oxnard College studies mental processes and human behavior. It offers courses exploring different aspects of people's behavior and thinking. Students interested in the major and general education will find several courses addressing their specific interests, as well as those with Workforce and Continuing Education needs.

The major is designed to prepare the student for higher level studies at California State University as well as The University of California.

## University of California Limitation on Transfer of Statistics Courses

The UC will give credit for a maximum of one Statistics course:

Course ID	Title	Units/Hours
MATH R105	Introductory Statistics	3-4
MATH R105H	Honors: Introductory Statistics	
PSY R103	Beginning Statistics for Behavioral Science	
SOC R125	Statistics for the Behavioral and Social Sciences	

Select one of the following:

**NOTE:** The UC limits enrollment in some courses. See the UC Transfer Course Agreement (p. 105)page for details.

**PSY R101 General Psychology 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* PSY 110

Psychology is the scientific study of behavior and mental processes. This course will introduce students to major psychological theories and concepts, methods, and research findings in psychology. The course will cover the biological bases of behavior, perception, cognition and consciousness, learning, memory, emotion, motivation, development, personality, social psychology, applied psychology, and psychological disorders and therapeutic approaches. In addition, the course will examine the impact of diversity on psychological research, theory and application, including (but not limited to): age, race, ethnicity, culture, gender, socio-economic status, disability, and sexual orientation. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P".

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D, E**IGETC:** 4**PSY R101H Honors: General Psychology 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* PSY 110

Psychology is the scientific study of behavior and mental processes. This course will introduce students to major psychological theories and concepts, methods, and research findings in psychology. The course will cover the biological bases of behavior, perception, cognition and consciousness, learning, memory, emotion, motivation, development, personality, social psychology, applied psychology, and psychological disorders and therapeutic approaches. In addition, the course will examine the impact of diversity on psychological research, theory and application, including (but not limited to): age, race, ethnicity, culture, gender, socio-economic status, disability, and sexual orientation.

Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications, and enrichment opportunities. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of C or better or "P".

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D, E**IGETC:** 4**PSY R102 Interpersonal Relations 3 Units***Formerly:* PSY R102A*In-Class Hours:* 52.5 lecture*C-ID:* PSY 115

The class provides an exploration of personal awareness and interaction. Students will learn to apply psychological principles of human behavior, explore ways of knowing themselves, and learn how they are perceived by others. A combination of experimental and theoretical approaches is used to increase awareness, clarify values, and aid in decision-making that is sensitive to factors such as culture, gender, ethnicity, historical cohort, and socio-economic status of others.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** E**IGETC:** None**PSY R103 Beginning Statistics for Behavioral Science 3 Units***In-Class Hours:* 52.5 lecture, 17.5 laboratory

*Prerequisites:* PSY R101 or PSY R101H and MATH R005 or MATH R015 or placement as determined by the college's multiple measures assessment process

*C-ID:* MATH 110

This course is designed for students majoring in psychology, sociology and anthropology. The emphasis is on the use of statistics in behavioral science research. Topics discussed include procedures in hypothesis testing, descriptive, inferential and correlational statistics.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B4**IGETC:** 2A**PSY R104 Research Methods in Psychology 3 Units***In-Class Hours:* 52.5 lecture

*Prerequisites:* PSY R101; and PSY R103 or MATH R105 or MATH R105H  
*C-ID:* PSY 200

This psychological methods course emphasizes research design; experimental procedures and techniques; descriptive methodology; and the collection, analysis and interpretation of research data. The course details the scientific method, as well as ethical considerations in psychological research.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4

**PSY R105 Introduction to Physiological Psychology 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* PSY R101*C-ID:* PSY 150

The course provides exploration of physiological bases of behavior. Topics include: neural impulses and sensory processes, neural basis of reinforcement, electrical stimulation of the brain, memory, learning, emotion, biofeedback, split-brain studies, and research on right and left hemispheres. Emphasis is on current research findings as well as ethical standards and implications.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B2**IGETC:** 5B**PSY R107 Sex Roles 3 Units***Same-As:* SOC R104*In-Class Hours:* 52.5 lecture*C-ID:* SOCI 140

The class explores sex role development, status, role change and role conflicts, common stereotypes of males and females, women as a minority group, aspects of sexuality, and psycho-social implications of the liberation movement; psycho-social aspects of both sex and gender are emphasized.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D, E**IGETC:** 4**PSY R108 Developmental Psychology 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* PSY 180

The course explores the path of human physical, cognitive, social and emotional development from the beginning of life through death. The emphasis is placed on normal development patterns using current information, child-rearing practices and their effects on later development.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D, E**IGETC:** 4**PSY R110 Human Sexuality 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* PSY 130

The course examines human sexuality with contributions from various disciplines: medicine, biology, psychology, anthropology, sociology, public health. Human sexuality will be examined from psychological, biological, sociocultural, and historical perspectives. Emphasis is placed on the individual's sexuality and sexual attitudes, values, and behaviors. Current sex norms and various aspects of interpersonal and individual sexual behaviors are examined.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D, E**IGETC:** 4**PSY R111 The Exceptional Child 3 Units***Formerly:* CD R108*Same-As:* ECE R108*In-Class Hours:* 52.50 lecture

This course is designed to give educators and other caregivers an overview of children with exceptional characteristics. The main emphasis of this course is to provide an introduction to the broad span of children with exceptional characteristics and to the field of special education. Cultural backgrounds, beliefs, and linguistic practices that can impede parent involvement will be examine and students will be taught to identify ways school personnel can help families understand school culture, policies, and practices. Students will be introduced to the Individuals with Disabilities Education Act (IDEA) and related laws and regulations that impact special education and support programs and learn basic classroom management theories and strategies for individuals with exceptional learning needs.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**PSY R115 Introduction to Public Mental Health 3 Units***In-Class Hours:* 52.5 lecture

This is an introductory course for students interested in public mental health. An overview of the history of public mental health, the types and functions of agencies, practices, careers, professional ethics, current trends and issues is provided.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** E**IGETC:** None



**PSY R122 Psychology of Gender 3 Units**

*In-Class Hours:* 52.5 lecture

This course examines the psychological research on gender. The psychosocial implications of sex differences and similarities in behavior, cognition, and personality are explored. Emphasis is placed on gender identity, gender roles and conflicts, status, gender stereotypes, masculinity, career and education dynamics, aspects of sexuality and partnering, and mental health.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2, F

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D, E

**IGETC:** None

**PSY R131 Abnormal Psychology 3 Units**

*Same-As:* ADS R131

*In-Class Hours:* 52.5 lecture

*C-ID:* PSY 120

This course surveys various definitions, causes, and treatment methods relative to abnormal behavior. This course also covers psychological, biological and sociocultural theories of abnormal behavior. Topics include: diagnosis of abnormal behavior, clinical syndromes, various forms of intervention and preventive strategies.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D

**IGETC:** 4

- Psychology, Associate in Arts for Transfer (p. 415)

*For more information, contact:*

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**Samantha Marshall** 805-678-5318 smarshall@vcccd.edu

## Psychology, Associate in Arts for Transfer

The Associate in Arts in Psychology for Transfer degree (AA-T in Psychology) prepares students to pursue a bachelor’s degree in Psychology or move into careers in mental health care, research, education, and human services. Within this degree, Psychology is explored from psychodynamic, behavioral, social, biological, humanistic, cognitive, evolutionary, developmental, organizational, and cultural perspectives. Psychologists use scientific methods to investigate complex patterns of human behavior and propose solutions to improve the quality of life of the populations being studied.

The Associate in Arts in Psychology for Transfer degree (AA-T in Psychology) is intended for students who plan to complete a bachelor’s degree in Psychology or a “similar” major at a CSU campus. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as “similar” to this degree at each CSU campus, please refer to CSU’s Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>)

webpage and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, although not necessarily to a particular CSU campus or major.

**To earn an AA-T in Psychology, students must:**

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 18 semester units in the Psychology major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of “C” or better or “P” in all courses required in the major. Even though a “pass-no-pass” is allowed (Title 5 section 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that accepts the Psychology AA-T will be required to complete no more than 60 units after transfer to earn a bachelor’s degree (unless the major is a designated “high-unit” major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/Hours
<b>Required Core Courses</b>		
PSY R101	General Psychology	
or PSY R101H	Honors: General Psychology	
PSY R104 & PSY R103	Research Methods in Psychology and Beginning Statistics for Behavioral Science	
or MATH R105	Introductory Statistics	
or MATH R105H	Honors: Introductory Statistics	
<b>List A - Complete one of the following:</b>		<b>3</b>
PSY R105	Introduction to Physiological Psychology	
<b>List B - Complete one of the following:</b>		<b>3</b>
PSY R108	Developmental Psychology	
<b>List C - Complete one of the following:</b>		<b>3</b>
PSY R102	Interpersonal Relations	
PSY R107	Sex Roles	
PSY R122	Psychology of Gender	
PSY R110	Human Sexuality	
PSY R115	Introduction to Public Mental Health	
PSY R131	Abnormal Psychology	
<b>Total Required Major Units</b>		<b>18-19</b>
CSU GE-Breadth		39
Double-Counted Units		- 15-18

Free Electives Required	18-21
<b>Total Units Required for AA-T Degree</b>	<b>60</b>
OR	
<b>Total Required Major Units</b>	<b>18-19</b>
IGETC	37
Double-Counted Units	- 12-15
Free Electives Required	17-20
<b>Total Units Required for AA-T Degree</b>	<b>60</b>

Upon successful completion of this program, students will be able to:

- Demonstrate competence in information technologies used for data analysis, research, and presentation.
- Demonstrate an understanding of and apply psychological principles and methods to personal, social, and organizational issues in ways that promote self-understanding, personal development and effective relationships, and which enable students to function as more effective members of society.
- Demonstrate critical thinking and creative problem-solving strategies by applying psychological research methods, such as descriptive methods, experimental design, data analysis and interpretation.
- Demonstrate effective communication skills appropriate to professional work in psychology.
- Demonstrate knowledge of major concepts, theories, and empirical approaches from diverse perspectives of psychology, including: behavioral, biological, developmental, cognitive, social, organizational, humanistic, and evolutionary.
- Identify and abide by the ethics of psychology, including recognition and understanding of, and respect for socio-cultural complexity and international/global diversity.

## Public Health Science

The AS-T in Public Health Science provides preparation for students interested in careers in public health. Some of the career opportunities for those who study public health include epidemiologists, community health workers, environmental scientists, health educators, public health officers, biostatisticians, clinical research coordinators, nonprofit coordinators, research assistants, healthcare consultants, hospital administrators, clinical trials analysts, infection control officers, project managers, public health nurses, nutritionists, and behavioral scientists.

The Associate in Sciences Degree in Public Health Science for Transfer (Public Health Science AS-T) is intended for students who plan to complete a bachelor's degree in Public Health Science or Health Science or a "similar" major at a CSU campus. Students completing the degree are guaranteed admission to the CSU system, but not to a particular campus or major. Each CSU campus determines which of the degrees it offers are "similar" and can be completed with the preparation included in the AS-T in Public Health Science within 60 units once a student transfers, so which majors are "similar" varies from CSU to CSU. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to [icangotocollege.com](http://icangotocollege.com) and seek guidance from an Oxnard College counselor. The AS-T in Public Health Science may not be the best option for students intending to transfer to a particular CSU campus or to a college or university that is not part of the CSU system.

### HED R113 Introduction to Public Health 3 Units

*In-Class Hours:* 52.5 lecture

*Advisories/Rec Prep:* ENGL R101

*C-ID:* PHS 101

This course provides an introduction to the discipline of Public Health. Students will gain an understanding of the basic concepts and terminologies of public health, and the history and accomplishments of public health officials and agencies. An overview of the functions of various public health professions and institutions, and an in-depth examination of the core public health disciplines is covered. Topics of the discipline include the epidemiology of infectious and chronic disease; prevention and control of diseases in the community including the analysis of the social determinants of health and strategies for eliminating disease, illness and health disparities among various populations; community organizing and health promotion programming; environmental health and safety; global health; and healthcare policy and management.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E1

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D, E

**IGETC:** 4

- Public Health Science, Associate in Science for Transfer (p. 416)

*For more information contact:*

**Math, Science, Health, PE and Athletics Division Office**

## Public Health Science, Associate in Science for Transfer

The AS-T in Public Health Science provides preparation for students interested in careers in public health. Some of the career opportunities for those who study public health include epidemiologists, community health workers, environmental scientists, health educators, public health officers, biostatisticians, clinical research coordinators, nonprofit coordinators, research assistants, healthcare consultants, hospital administrators, clinical trial analysts, infection control officers, project managers, public health nurses, nutritionists, and behavioral scientists.

The Associate in Sciences in Public Health Science for Transfer (Public Health Science AS-T) is intended for students who plan to complete a bachelor's degree in Public Health Science or Health Science or a "similar" major at a CSU campus. Students completing the degree are guaranteed admission to the CSU system, but not to a particular campus or major. Each CSU campus determines which of the degrees it offers are "similar" and can be completed with the preparation included in the AS-T in Public Health Science within 60 units once a student transfers, so which majors are "similar" varies from CSU to CSU. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) and seek guidance from an Oxnard College counselor. The AS-T in Public Health Science may not be the best option for students intending to transfer to a particular

CSU campus or to a college or university that is not part of the CSU system.

**To earn an AS-T in Public Health Science, students must:**

- Complete a minimum of **60** CSU-transferable semester units including both of the following:
  - Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth (CSU GE-Breadth) requirements.
  - A minimum of **33** semester units in the **Public Health Science** major as listed in the Oxnard College catalog.
- Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
- Obtain a grade of “C” or better or “P” in all courses required in the major. Even though a “pass-no-pass” is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.
- Complete requirements in residency. For students in the Ventura County Community College District, a minimum of **12** units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that accepts the **Public Health Science AS-T** will be required to complete no more than 60 units after transfer to earn a bachelor’s degree (unless the major is designated a “high-unit” major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
HED R104	Personal Health and Wellness	<b>27-29</b>
HED R113	Introduction to Public Health	
MATH R105	Introductory Statistics	
or MATH R105H	Honors: Introductory Statistics	
or PSY R103	Beginning Statistics for Behavioral Science	
BIOL R101 & R101L	General Biology and General Biology Laboratory	
or BIOL R101H	Honors: General Biology	
CHEM R110 or CHEM R120	Elementary Chemistry General Chemistry I	
PSY R101 or PSY R101H	General Psychology Honors: General Psychology	
ANAT R101	General Human Anatomy	
PHSO R101	Human Physiology	
<b>List A</b>		
<b>3-5</b>		
Complete one of the following:		
ECON R201	Introduction to the Principles of Microeconomics	
or ECON R201H	Honors: Introduction to the Principles of Microeconomics	
ECON R202	Introduction to the Principles of Macroeconomics	

or ECON R202H Honors: Introduction to the Principles of  
Macroeconomics

HED R114	Introduction to Nutrition Science
PSY R110	Human Sexuality
SOC R101 or SOC R101H	Introduction to Sociology Honors: Introduction to Sociology
HED R103	Women’s Health
COMM R101	Introduction to Oral Communication
BIOL R120 & R120L	Principles of Biology I and Principles of Biology I Lab: Intro to Cellular and Molecular Biology
BIOL R122 & R122L	Principles of Biology II and Principles of Biology II Laboratory
MATH R106	Business Calculus
MATH R115	College Algebra
MATH R120	Calculus with Analytic Geometry I
PHYS R121	Physics with Calculus 1
PHYS R122	Physics with Calculus 2
PHYS R131	Physics for Scientists and Engineers 1
PHYS R132	Physics for Scientists and Engineers 2

<b>Total Required Major Units</b>	<b>33-36</b>
CSU GE-Breadth	39
Double-Counted Units	- 15-21
Free Electives Required	3-6
<b>Total Units Required for AS-T Degree</b>	<b>60</b>
OR	
<b>Total Required Major Units</b>	<b>33-36</b>
IGETC	37
Double-Counted Units	- 13-15
Free Electives Required	0-5
<b>Total Units Required for AS-T Degree</b>	<b>60</b>

Upon successful completion of this program, students will be able to:

- The student will demonstrate the ability to comprehend and apply the multidimensional approach of public health sciences.
- The student will identify proactive factors for disease prevention and risk factors for disease and disability.
- The student will demonstrate and apply behavior-changing techniques to maximize health and wellness.
- The student will demonstrate the concepts of research, program planning, and evaluation strategies.

## Reading

The reading courses are designed to develop and enhance students’ college-level reading skills for success in subjects across the curriculum at Oxnard College. Reading courses focus on techniques for improved comprehension, critical thinking, vocabulary and study skills for all types of reading including college textbooks and research. Additional reading courses for ESL students are also offered and are listed in the catalog under the English as a Second Language program.

## Program Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- Successfully apply specific academic reading study strategies for college-level courses.

### **READ R091 Academic Reading for Biological Anthropology 1 Unit**

*In-Class Hours:* 17.5 lecture

*Corequisites:* ANTH R101

Intended for students currently enrolled in ANTH R101, this course will provide strategies for actively reading, understanding and responding to college-level texts used in biological anthropology. Content-area reading skills are explicitly taught, modeled and practiced. This course also emphasizes critical thinking, discipline-based vocabulary, and reading rates as they relate to academic success.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### **READ R095 College Reading Across the Curriculum 3 Units**

*In-Class Hours:* 52.5 lecture

*Advisories/Rec Prep:* ESL R085

This course emphasizes college-level reading materials across the curriculum with training in reading for major details, main ideas, drawing inferences, and conclusions; considering the nature of evidence and knowledge; and interpreting author's tone and purpose. The course includes advanced vocabulary training, rapid reading techniques with improved comprehension. Formal evaluation is used to individualize instruction. Other activities include a mini research project with instruction in documentation and study skills practice.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### **READ R105 Critical Reading 3 Units**

*In-Class Hours:* 52.5 lecture

*Advisories/Rec Prep:* ESL R095 or READ R091 or READ R095

This course covers the theory and practice of critical reading applying critical thinking skills for academic success. The course emphasizes methods of analysis, criticism, and interpretation including application of logic and reasoning with college-level academic texts and research.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** A3

**IGETC:** None

*For more information contact:*

**Kari Tudman (805) 678-5068 ktudman@vcccd.edu**

## **Social Justice Studies**

The Social Justice Studies major is an "area of emphasis" (AOE) focused on developing critical and interdisciplinary approaches to the study of race/ethnicity, gender, sexuality and identity. It has specifically been

designed to prepare students at the community college level for transfer into a variety of CSU majors including but not limited to:

African American Studies; Africana Studies; American Indian Studies; American Studies; Arabic Language, Literature and Culture; Asian American Studies; Chicano/Chicana Studies; Ethnic Studies; Gender Studies; Labor and Employment Studies; Labor Studies; Latin American Studies; Liberal Studies w/ Option in Interdisciplinary Studies in Culture & Society; Liberal Studies - Border Studies Option; Mexican-American Studies; Modern Jewish Studies; Negotiation, Conflict Resolution and Peacebuilding; Sociology - Concentration in Critical Race Studies; Sociology - Concentration Race, Class, and Gender; Sociology with Inequalities and Diversity Option; Social Science with Emphasis in Islamic and Arabic Studies; Women, Gender, and Sexuality Studies; Women's Studies.

### **SJS R110 Introduction to Social Justice Studies 3 Units**

*Same-As:* ETHS R110

*In-Class Hours:* 52.5 lecture

*C-ID:* SJS 110

This course introduces students to the interdisciplinary study of race and ethnicity in the United States and the world beyond. It examines social justice movements in relation to ethnic and racial groups in the United States to provide a basis for a better understanding of the socioeconomic, cultural and political conditions among Native American, African American, Asian American, and Latina and Latino American communities. Using an intersectional lens, we will explore colonialism, racism and social movements in the U.S. context.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2, F

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D

**IGETC:** 4

### **SJS R120 Introduction to Women's Studies 3 Units**

*In-Class Hours:* 52.5 lecture

*C-ID:* SJS 120

This course introduces students to the origins, purpose, subject matter, and methods of Women's Studies and to feminist perspectives on a range of social issues affecting people of diverse backgrounds. The primary goal of this course is to familiarize students with key issues, questions and debates in Women's and Gender Studies scholarship, both historical and contemporary. Gender scholarship critically analyzes themes of gendered performance and power in a range of social spheres, such as law, culture, education, work, medicine, social policy and the family. It will include the study of gender and its intersections with race, class, sexuality, dis/ability, age, religion, and other systems of difference.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2, F

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D

**IGETC:** 4



**SJS R130 Introduction to LGBTQ Studies 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* SJS 130

This course is an introduction to queer studies, with a focus on intersectionality and social justice. This introductory course examines a broad range of contemporary gay, lesbian, bisexual, transgender, and queer issues in various contexts including the bio-medical, cultural, sociological, political, racial and sexual.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2, F**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4

- Social Justice Studies - Chicana/o Studies, Associate in Arts for Transfer (p. 419)
- Social Justice Studies, Associate in Arts for Transfer (p. 420)

*For more information, contact:***Dolores Ortiz (805) 678-5270** dortiz@vcccd.edu

## Social Justice Studies - Chicana/o Studies, Associate in Arts for Transfer

The AA-T in Social Justice Studies – Chicana/o Studies program seeks to introduce students to the broader field of Social Justice Studies, providing a theoretical framework for the study of race, ethnicity, gender, sexuality, and identity while also providing students with the opportunity to examine and analyze historical, social, and political context and events that have shaped the Chicana/o experience. The Social Justice Studies – Chicana/o Studies major gives students a wide variety of options to pursue courses relevant to their intended transfer major as well as courses that provide cultural experiences in art, music, dance, and language.

Students completing an AA-T in Social Justice Studies – Chicana/o Studies will be prepared for transfer to a number of majors within the CSU including but not limited to Chicano/Chicana Studies, Mexican-American Studies, Latin American Studies, Ethnic Studies, Multicultural and Gender Studies, Liberal Studies - Border Studies Option and Ethnic Studies.

Each CSU campus determines which of the degrees it offers are “similar” and can be completed with the preparation included in the AA-T in Social Justice Studies – Chicana/o Studies within 60 units once a student transfers, so which majors are “similar” varies from CSU to CSU. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as “similar” to this degree at each CSU campus, please refer to CSU’s Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) webpage and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

**To earn an AA-T in Social Justice Studies - Chicana/o Studies, students must:**

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 18 semester units in the Social Justice Studies – Chicana/o Studies major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of “C” or better or “P” in all courses required in the major. Even though a “pass-no-pass” is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that accepts the Social Justice Studies – Chicana/o Studies AA-T will be required to complete no more than 60 units after transfer to earn a bachelor’s degree (unless the major is a designated “high-unit” major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/Hours
<b>Required Core Courses:</b>		<b>9</b>
CHST R101	Introduction to Chicana/o Studies	
<b>Complete one of the following courses:</b>		<b>3</b>
SJS R110	Introduction to Social Justice Studies	
SOC R103	Race and Ethnic Relations	
<b>Complete one of the following courses:</b>		<b>3</b>
SJS R120	Introduction to Women’s Studies	
SJS R130	Introduction to LGBTQ Studies	
PSY R107/ SOC R104	Sex Roles	
SOC R140	Sociology of Gender	
<b>List A - Complete three courses from at least two of the following areas:</b>		<b>9</b>
<b>Area 1: History or Government</b>		<b>3</b>
CHST/HIST R107	History of Mexicans in the United States	
HIST R109	History of Mexico	
<b>Area 2: Arts and Humanities</b>		<b>3</b>
ART R174	Latin American Art	
or ART R174H	Honors: Latin American Art	
ENGL R126	Introduction to Chicana/o Literature	
ENGL R129	Introduction to Latinx Literature	
MUS R109	Music of Latin America	
SPAN R232	Latin American Literature	
or SPAN R232H	Honors: Latin American Literature	
<b>Area 3: Social Science</b>		<b>3</b>
CHST R102	Chicana/o Cultural Identity	



BRS R101/ ANTH R119/ETHS R119	Introduction to Border Studies	
SOC/CHST R108	Sociology of the Chicano Community	
Area 4: Quantitative Reasoning and Research Methods		3-4
MATH R105	Introductory Statistics	
	or MATH R105H Honors: Introductory Statistics	
	or PSY R103 Beginning Statistics for Behavioral Science	
	or SOC R125 Statistics for the Behavioral and Social Sciences	
	or PSY R104 Research Methods in Psychology	
	or SOC R111 Introduction to Social Research	
Area 5: Major Preparation		
SPAN R200	Intermediate Spanish I	
SPAN R210	Intermediate Spanish II	
SPAN R220	Spanish for Heritage Speakers I	
	or SPAN R220H Honors: Spanish for Heritage Speakers I	
SPAN R230	Spanish for Heritage Speakers II	
	or SPAN R230H Honors: Spanish for Heritage Speakers II	
<b>Total Required Major Units</b>		<b>18-20</b>
CSU GE-Breadth		39
Double-Counted Units		- 9-18
Free Electives Required		12-21
<b>Total Units Required for AA-T Degree</b>		<b>60</b>
OR		
<b>Total Required Major Units</b>		<b>18-20</b>
IGETC		37
Double-Counted Units		- 9-18
Free Electives Required		10-23
<b>Total Units Required for AA-T Degree</b>		<b>60</b>

Upon successful completion of this program, students will be able to:

- Demonstrate broad familiarity with Chicana and Chicano histories and the ways in which such histories have shaped and are shaping contemporary Chicana and Chicano experiences.
- Identify the ways in which institutional forces (such as legal, educational, public policy, economic practices and informal norms and discourses) impact Chicana and Chicano lives.
- Demonstrate general knowledge of Chicana/o impact on culture.
- Describe how gendered, classed, sexualized, and racialized forms of identity have shaped the Chicana/o experience.

## Social Justice Studies, Associate in Arts for Transfer

The Associate in Arts in Social Justice Studies for Transfer (Social Justice Studies AA-T) is intended for students who plan to complete a bachelor's degree in a "similar" major at a CSU campus. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) webpage and seek guidance from an Oxnard College counselor. Students completing

this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

To earn an AA-T in Social Justice Studies, students must:

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 18 semester units in the Social Justice Studies major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that accepts the Social Justice Studies AA-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
<b>List A - Complete one of the following:</b>		<b>3</b>
SJS R110	Introduction to Social Justice Studies	3
SOC R103	Race and Ethnic Relations	3
<b>List B - Complete one of the following:</b>		<b>3</b>
SJS R120	Introduction to Women's Studies	3
SJS R130	Introduction to LGBTQ Studies	3
SOC R104/PSY R107	Sex Roles	3
<b>List C - Complete one of the following:<sup>1</sup></b>		<b>3</b>
<b>Any course from List A or List B not already selected</b>		
ANTH R105	Sex, Gender and Culture	3
ANTH R107	The Anthropology of Native Americans	3
ANTH R114	African American Culture and Experience	3
CHST R101	Introduction to Chicana/o Studies	3
CHST/HIST R107	History of Mexicans in the United States	3
HIST R108	African-American History	3
SOC R108	Sociology of the Chicano Community	3
<b>List D - Area 1 - History or Government</b>		<b>0-6</b>
<b>Complete three courses (9 units minimum) from at least two of the following areas (List D - List H)</b>		
CHST/HIST R107	History of Mexicans in the United States	3
HIST R108	African-American History	3
HIST R117	History of American Women	3

**List E - Area 2 - Arts and Humanities 0-6**

ENGL R124	Introduction to LGBTIQ Literature	3
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**List F - Area 3 - Social Sciences 0-6**

ANTH R105	Sex, Gender and Culture	3
ANTH R107	The Anthropology of Native Americans	3
ANTH R114	African American Culture and Experience	3
CHST R101	Introduction to Chicana/o Studies	3
CHST/HIST R107	History of Mexicans in the United States	3
SOC R103	Race and Ethnic Relations	3
PSY R107/SOC R104	Sex Roles	3
SOC R108	Sociology of the Chicano Community	3

**List G - Area 4 - Quantitative Reasoning and Research Methods 0-4**

MATH R105	Introductory Statistics	3-4
or MATH R105H	Honors: Introductory Statistics	
or PSY R103	Beginning Statistics for Behavioral Science	
or SOC R125	Statistics for the Behavioral and Social Sciences	

**List H- Area 5 - Major Preparation <sup>2</sup> 0-6**

ANTH R105	Sex, Gender and Culture	3
ANTH R107	The Anthropology of Native Americans	3
ANTH R114	African American Culture and Experience	3
CHST R101	Introduction to Chicana/o Studies	3
CHST/HIST R107	History of Mexicans in the United States	3
HIST R108	African-American History	3
HIST R109	History of Mexico	3
PSY R101	General Psychology	3
or PSY R101H	Honors: General Psychology	
PSY R107/SOC R104	Sex Roles	3
SOC R101	Introduction to Sociology	3
or SOC R101H	Honors: Introduction to Sociology	
SOC R103	Race and Ethnic Relations	3
SOC R108	Sociology of the Chicano Community	3
SPAN R232	Latin American Literature	3
or SPAN R232H	Honors: Latin American Literature	

**Total Required Major Units 18**

CSU GE-Breadth	39
Double-Counted Units	- 18
Free Electives Required	21-23

**Total Units Required for AA-T Degree 60**

OR

**Total Required Major Units 18**

IGETC	37
Double-Counted Units	- 18
Free Electives Required	21-23

**Total Units Required for AA-T Degree 60**

1

It is strongly recommended that wherever possible students take a course in List C that directly relates to their intended major at their transfer institution.

2

Courses can only be utilized to fulfill List H if they have not already been utilized to fulfill list A, B or C.

Upon successful completion of this program, students will be able to:

- Identify and apply interdisciplinary perspectives and theories relevant to social justice studies.
- Demonstrate an awareness of issues relevant to social justice studies including race/ethnicity, gender, sexuality and identity.

## Sociology

Sociology is the study of social relations in groups. Topics include socialization, social stratification, sex roles, race and ethnic relations, social philosophy, the family, population trends and the dynamics of social change. Sociology majors are prepared to transfer to four year colleges and universities so that they may prepare for careers as counselors, teachers, police officers, social workers and human services workers.

## University of California Limitation on Transfer of Statistics Courses

The UC will give credit for a maximum of one Statistics course:

Course ID	Title	Units/Hours
Select one of the following:		
MATH R105	Introductory Statistics	3
MATH R105H	Honors: Introductory Statistics	
PSY R103	Beginning Statistics for Behavioral Science	
SOC R125	Statistics for the Behavioral and Social Sciences	

**NOTE:** The UC limits enrollment in some courses. See the UC Transfer Course Agreement (p. 105)page for details.

**SOC R101 Introduction to Sociology 3 Units**

*In-Class Hours:* 52.5 lecture

*C-ID:* SOCI 110

This course introduces students to the field of Sociology; a scientific field that emphasizes how structural, institutional, and group related social forces shape our society. These issues are addressed through an examination of historical and modern theoretical developments in the field. Students encounter topics such as the Sociological Imagination, socialization, culture, social class, race, ethnicity, age and gender in a context of social change. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P".

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D

**IGETC:** 4

**SOC R101H Honors: Introduction to Sociology 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* SOCI 110

This course introduces students to the field of Sociology; a scientific field that emphasizes how structural, institutional, and group related social forces shape our society. These issues are addressed through an examination of historical and modern theoretical developments in the field. Students encounter topics such as the Sociological Imagination, socialization, culture, social class, race, ethnicity, age and gender in a context of social change. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of C or better or "P".

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**SOC R102 Social Problems 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* SOCI 115

This course is a study of contemporary social problems from a theoretical framework that emphasizes how social problems are rooted in structural conditions. Specifically, this course focuses on the role of power and politics in defining social issues as social problems, the causes and consequences of social problems, and practices and policies that can help alleviate social problems.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**SOC R103 Race and Ethnic Relations 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* SOCI 150

This course will provide a sociological analysis of race, ethnicity, and racism. It examines the cultural, political, and economic practices and institutions that support or challenge racism, racial and ethnic inequalities. We will also explore historical and contemporary patterns of interaction between various racial and ethnic groups in the United States.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2, F**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**SOC R104 Sex Roles 3 Units***Same-As:* PSY R107*In-Class Hours:* 52.5 lecture*C-ID:* SOCI 140

The class explores sex role development, status, role change and role conflicts, common stereotypes of males and females, women as a minority group, aspects of sexuality, and psycho-social implications of the liberation movement; psycho-social aspects of both sex and gender are emphasized.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2, F**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D, E**IGETC:** 4**SOC R106 Contemporary Family in American Society 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* SOCI 130

This course will introduce students to sociological concepts and issues within contemporary family sociology. The intersections between the family and other social institutions as well as diversity of families will be central foundations for this course. Issues of privilege and inequality will be explored, along with social justice as it pertains to families. Using sociological analysis we will examine family as an institution, including historical and recent changes, present nature and the socio-cultural and economic forces shaping these changes.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D, E**IGETC:** 4**SOC R108 Sociology of the Chicano Community 3 Units***Same-As:* CHST R108*In-Class Hours:* 52.5 lecture

This course examines the institutional and structural conditions that have and continue to shape the Chicana/o experience in the United States. This course makes use of a Sociological perspective that incorporates various paradigms/theories including but not limited to: Stratification, Colonialism/Imperialism, Chicana Feminism, Queer Theory, Conflict Theory, and Assimilation/Acculturation. Of specific interest is the impact of social institutions such as: Education, the Legal System, the Economy, Politics, Family, and the Media on the Chicana/o community. This course will examine institutionally perpetuated systems of oppression and privilege such as: white supremacy, sexism, heteronormativity, and classism.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2, F**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4

**SOC R111 Introduction to Social Research 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* SOC R101 or SOC R101H*C-ID:* SOCI 120

In this course students examine the fundamental elements of empirical research through a Sociological perspective. The course includes attention to the nature of theory, hypotheses, variables, and ethical considerations when conducting research. In addition, the course will focus on qualitative and quantitative methods used to collect and analyze data such as surveys, experiments, observations, and comparative historical research. Course may involve the use of computer applications/software for data analysis.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**SOC R114 Social Philosophy 3 Units***Same-As:* PHIL R114*In-Class Hours:* 52.5 lecture

Social philosophy studies humans in society from the standpoint of metaphysical and ethical principles and presuppositions of human nature. This course highlights major historical and contemporary perspectives in the history of philosophy and focuses on prominent social philosophers for detailed study. Questions concerning legal and social relationships, purpose in social order, and ethical values in human institutions are explored.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2, C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2, D**IGETC:** 3B, 4**SOC R116 Crime and Society 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* SOCI 160

This course provides a sociological analysis of crime, criminal behavior, and the criminal justice system. It explores the history and social construction of crime and criminality and examines the definition of crime and its violations as well as the laws and methods used to control criminal behavior. Measurement of crime and basic theoretical explanations of criminal behavior will be discussed.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**SOC R119 Introduction to Social Work and Human Services 3 Units***Formerly:* SOC R118*In-Class Hours:* 52.5 lecture

This course includes a survey of helping institutions and social issues concerning human services and social welfare; identifying target populations, the historical perspective of human services and social welfare in the U.S., theoretical perspectives of human services and social welfare, survey of social service occupations and careers, and economics of the helping professions. Special attention is given to current service delivery systems, their policies and procedures, and the tasks of culturally responsive social workers and human service workers within those settings.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** D**IGETC:** 4**SOC R120 Fieldwork/Practicum: Social Work and Human Services 3 Units***Formerly:* SOC R110*In-Class Hours:* 52.5 lecture*Prerequisites:* SOC R119

This course offers the student a supervised field experience in a community organization, agency, or institution, allowing the student to apply knowledge and learn new skills outside of the classroom environment. A weekly class meeting provides the academic element to this experiential course offering and reinforces the application of concepts gained in the prerequisite course. This course is designed to provide the student with an opportunity to develop skills that would facilitate gaining employment in the human services field.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** B2**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**SOC R125 Statistics for the Behavioral and Social Sciences 3 Units***In-Class Hours:* 52.5 lecture*Prerequisites:* MATH R005 or MATH R015 or placement as determined by the college's multiple measures assessment process*C-ID:* SOCI 125

Students learn and apply statistical methods to social science data. The topics include: descriptive and inferential statistics, levels and types of measurement, measures of central tendency and dispersion, normal t and chi-square distributions, probability and hypothesis testing, and correlation and regression. Applications of statistical software to social science data are required.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** D2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** B4**IGETC:** 2A

**SOC R140 Sociology of Gender 3 Units**

Formerly: SOC R104  
 In-Class Hours: 52.5 lecture  
 Advisories/Rec Prep: SOC R101  
 C-ID: SOCI 140

This course examines the social construction of gender identities and practices as societal and institutional products that are performed on macro, meso, and micro levels. This examination incorporates the intersection of various statuses and identities, such as race, sexuality, and class, that influence the construction of gender. As an institutional product, the course analyzes the role of culture, the economy, politics, and other institutions that define and reshape gendered expectations and practices.

**Grade Modes:** Letter Graded  
**Degree Applicability:** Applies to Associate Degree  
**AA/AS GE:** B2, F  
**Transfer Credit:** CSU, UC  
**UC Credit Limitations:** None  
**CSU GE-Breadth:** D  
**IGETC:** None

- Sociology, Associate in Arts for Transfer (p. 425)
- Sociology, Associate in Arts (p. 425)
- Human Services, Associate in Science (p. 424)
- Human Services, Certificate of Achievement (p. 424)

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## Human Services, Associate in Science

The Human Services program provides the student with an academic background for entry-level positions in various human services agencies such as providers of health care, vocational training, welfare services, probation supervision, and pre-professional counseling. It also prepares the student for upper-division programs in human services, behavioral sciences, social sciences and education.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		
SOC R101/R101H	Introduction to Sociology	3
SOC R102	Social Problems	3
SOC R103	Race and Ethnic Relations	3
SOC R104/PSY R107	Sex Roles	3
SOC R120	Fieldwork/Practicum: Social Work and Human Services	3
SOC R119	Introduction to Social Work and Human Services	3
<b>Recommended Optional Courses <sup>1</sup></b>		

SOC R106	Contemporary Family in American Society
SOC R108	Sociology of the Chicano Community
SOC R116	Crime and Society
ANTH R105	Sex, Gender and Culture
ECE R106	Child, Family and Community
POLS R102	Introduction to Law and Society
<b>Total Required Major Units</b>	<b>18</b>
Oxnard College General Education Pattern	29
Double-Counted Units	- 3
Free Electives Required	16
<b>Total Required Units for A.S. Degree</b>	<b>60</b>

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 Students are encouraged to take at least one of the following courses.

To complete the Associate Degree, students must meet requirements in the major, general education, competency, units, scholarship, and residency. Refer to Earn an Associate Degree and the A.A. or A.S. Degree in Specific Majors sections of this catalog.

Upon successful completion of this program, students will be able to:

- Demonstrate an understanding of the social services' agencies and their goals for assisting clients with problems in the community.
- Identify elementary knowledge of intervention techniques for counseling clients.
- Utilize role playing in order to examine values and attitudes of human service providers and their clients.
- Evaluate the role of human services professionals and the needs of the poor.
- Incorporate community social welfare goals within the field of service along with the basic needs of clients.
- Demonstrate familiarity with major theoretical approaches to service delivery.
- Demonstrate an understanding of cross-cultural differences and an understanding of the importance of the structural context in analyzing social problems.
- Demonstrate an understanding of the ethical treatment of human service clientele when providing service.

## Human Services, Certificate of Achievement

The Human Services program provides the student with an academic background for entry-level positions in various human services agencies such as providers of health care, vocational training, welfare services, probation supervision, and pre-professional counseling. It also prepares the student for upper-division programs in human services, behavioral sciences, social sciences and education.

Course ID	Title	Units/ Hours
<b>Required Courses</b>		
SOC R101/R101H	Introduction to Sociology	3
SOC R102	Social Problems	3
SOC R103	Race and Ethnic Relations	3
SOC R104/PSY R107	Sex Roles	3



SOC R120	Fieldwork/Practicum: Social Work and Human Services	3
SOC R119	Introduction to Social Work and Human Services	3

Recommended Optional Courses <sup>1</sup>		
SOC R106	Contemporary Family in American Society	
SOC R108	Sociology of the Chicano Community	
SOC R116	Crime and Society	
ANTH R105	Sex, Gender and Culture	
ECE R106	Child, Family and Community	
POLS R102	Introduction to Law and Society	

**Total Required Major Units 18**

1

Students are encouraged to take at least one of the following courses.

To complete the Certificate of Achievement, students must also meet requirements in scholarship and residency. Refer to Earn a Certificate of Achievement section in this catalog for specific information.

Upon successful completion of this program, students will be able to:

- Demonstrate an understanding of the social services’ agencies and their goals for assisting clients with problems in the community.
- Identify elementary knowledge of intervention techniques for counseling clients.
- Utilize role playing in order to examine values and attitudes of human service providers and their clients.
- Evaluate the role of human services professionals and the needs of the poor.
- Incorporate community social welfare goals within the field of service along with the basic needs of clients.
- Demonstrate familiarity with major theoretical approaches to service delivery.
- Demonstrate an understanding of cross-cultural differences and an understanding of the importance of the structural context in analyzing social problems.
- Demonstrate an understanding of the ethical treatment of human service clientele when providing service.

## Sociology, Associate in Arts

Course ID	Title	Units/ Hours
<b>Required Core Courses 12</b>		
SOC R101/R101H	Introduction to Sociology	
SOC R102	Social Problems	
SOC R111	Introduction to Social Research	

Plus one of the following courses:

SOC R103	Race and Ethnic Relations	
or SOC R108	Sociology of the Chicano Community	

Required Additional Courses		
Select one of the following: 3		
SOC R104/ PSY R107	Sex Roles	
SOC R106	Contemporary Family in American Society	
SOC/PHIL R114	Social Philosophy	

SOC R125	Statistics for the Behavioral and Social Sciences	
Select one of the following: 3		
ANTH R110	People of the World: The Cultures of Globalization and Change	
HIST/CHST R107	History of Mexicans in the United States	
HIST R108	African-American History	
SOC R116	Crime and Society	
SOC R119	Introduction to Social Work and Human Services	
SOC R125	Statistics for the Behavioral and Social Sciences	

**Total Required Major Units 18**

Oxnard College General Education Pattern 29

Double-Counted Units - 3-9

Free Electives Required 16-22

**Total Required Units for A.A. Degree 60**

To complete the Associate Degree, students must meet requirements in the major, general education, competency, units, scholarship, and residency. Refer to Earn an Associate Degree and the A.A. or A.S. Degree in Specific Majors sections of this catalog.

Upon successful completion of this program, students will be able to:

- Demonstrate familiarity with major theories in sociology and exercise the sociological imagination to the study of social life.
- Demonstrate an understanding of cross-cultural differences and an understanding of the importance of a structural context in analyzing social issues.
- Demonstrate and understand a variety of explanations of human behavior in groups and account for differences in terms of the influences between society, culture and the environment, and among particular groups within.
- Demonstrate competence in defining, critically assessing, and using sociological concepts and their application to a social structural context.
- Identify and employ various research designs and their appropriate application to the study of social life, utilizing theoretical perspectives in the discipline and analysis of data produced.

## Sociology, Associate in Arts for Transfer

*\*Program was changed after publication of catalog. Please see addendum (p. 496) for details.*

The Associate in Arts in Sociology for Transfer (Sociology AA-T) is intended for students who plan to complete a bachelor's degree in Sociology or a "similar" major at a CSU campus. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) webpage and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

**To earn an AA-T in Sociology, students must:**

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education - Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 18 semester units in the AA-T in Sociology major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that does accept the **Sociology AA-T** will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		<b>3</b>
SOC R101 or SOC R101H	Introduction to Sociology Honors: Introduction to Sociology	
<b>Required Additional Courses</b>		<b>6</b>
SOC R102	Social Problems	
SOC R125	Statistics for the Behavioral and Social Sciences	
or MATH R105	Introductory Statistics	
or MATH R105H	Honors: Introductory Statistics	
<b>List A - Complete two courses from the following:</b>		<b>6</b>
SOC R111	Introduction to Social Research	
SOC R106	Contemporary Family in American Society	
SOC R104/ PSY R107	Sex Roles	
or SOC R140	Sociology of Gender	
SOC R103	Race and Ethnic Relations	
SOC R116	Crime and Society	
<b>List B - Complete one course from the following:</b>		<b>3</b>
Any course from List A not already selected		
SOC R108 or CHST R108	Sociology of the Chicano Community Sociology of the Chicano Community	
SOC R119	Introduction to Social Work and Human Services	
<b>Total Required Major Units</b>		<b>18-19</b>
CSU GE-Breadth		39

Double-Counted Units	- 9-12
Free Electives Required	11-15
<b>Total Units Required for AA-T Degree</b>	<b>60</b>
OR	
<b>Total Required Major Units</b>	<b>18-19</b>
IGETC	37
Double-Counted Units	- 9
Free Electives Required	13-14
<b>Total Units Required for AA-T Degree</b>	<b>60</b>

Upon successful completion of this program, students will be able to:

- Demonstrate familiarity with major theories in sociology and exercise the sociological imagination to the study of social life.
- Demonstrate an understanding of cross-cultural differences and an understanding of the importance of a structural context in analyzing social issues.
- Demonstrate and understand a variety of explanations of human behavior in groups and account for differences in terms of the influences between society, culture and the environment, and among particular groups within.
- Demonstrate competence in defining, critically assessing, and using sociological concepts and their application to a social structural context.
- Identify and employ various research designs and their appropriate application to the study of social life, utilizing theoretical perspectives in the discipline and analysis of data produced.

## Spanish

The Associate in Arts in Spanish for Transfer (Spanish AA-T) is intended for students who plan to complete a bachelor's degree in a "similar" major at a CSU campus. Each CSU campus determines which the degrees it offers are "similar" and can be completed with the preparation included in the AA-T in Spanish within 60 units once a student transfers, so which majors are "similar" varies from CSU to CSU.

At the time this catalog went to print, the Spanish AA-T was considered "similar" to majors such as Spanish (with a variety of emphases including Language and Culture, Preparation for Teaching, Literature), Latin American Studies, Chicano Studies, Chicana/o Studies: Transborder Communities, Linguistics, Central American Studies, Spanish Language and Hispanic Culture, Ethnic Studies, Comparative World Literature, and Chicano and Latino Studies.

For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to [icangotocollege.com](http://icangotocollege.com) and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

## Assessment Cut Scores

Scores	Placement Recommendation
0 - 269:	SPAN R100
270 - 345:	SPAN R110
346 - 428:	SPAN R200 SPAN R210
429 - 1000:	SPAN R210 SPAN R232 SPAN R234 SPAN R236 SPAN R230

**SPAN R100 Elementary Spanish I 4 Units***Formerly:* SPAN R101*In-Class Hours:* 70 lecture*C-ID:* SPAN 100

This is a first course at the elementary level for non-heritage speakers. It provides an introduction to the language and cultures of the Spanish-speaking world. This course emphasizes oral communication and vocabulary development in a cultural context.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** None**SPAN R110 Elementary Spanish II 4 Units***Formerly:* SPAN R102*In-Class Hours:* 70 lecture*Prerequisites:* SPAN R100*C-ID:* SPAN 110

This elementary level course continues to teach language acquisition in a cultural context through listening, speaking, reading and writing at the second semester level. It emphasizes oral communication in real-life settings by means of authentic, culturally sensitive materials. This course is taught primarily in Spanish.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** None**SPAN R200 Intermediate Spanish I 4 Units***Formerly:* SPAN R103*In-Class Hours:* 70 lecture*Prerequisites:* SPAN R110*C-ID:* SPAN 200

This is the first course at the intermediate level for non-heritage speakers of Spanish. It teaches culture and facilitates language acquisition through listening, speaking, reading and writing. Students will interact with authentic language in context and demonstrate an increased awareness of Spanish-speaking cultural traditions. Students will demonstrate the ability to think critically by analyzing different types of texts in Spanish, and make cross-cultural comparisons. This course is taught primarily in Spanish.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** None**SPAN R210 Intermediate Spanish II 4 Units***Formerly:* SPAN R104*In-Class Hours:* 70 lecture*Prerequisites:* SPAN R200*C-ID:* SPAN 210

This is the second course at the intermediate level for non-heritage speakers of Spanish. It introduces different registers of the language and more advanced grammatical structures through reading and listening to a variety of works. Students will be guided through the process of writing a well-organized composition. Students' oral skills will be developed through listening-comprehension exercises, guided class discussion and oral presentations. Students will learn about social, political and artistic aspects of Latin America and Spain.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B**SPAN R220 Spanish for Heritage Speakers I 4 Units***Formerly:* SPAN R140*In-Class Hours:* 70 lecture*Advisories/Rec Prep:* SPAN R110*C-ID:* SPAN 220

This is a Spanish course designed for native and heritage speakers of Spanish. It increases awareness of linguistic registers, provides instruction that builds upon the existing reading, writing, speaking and listening skills and the cultural heritage and knowledge of these students. The process of writing, at paragraph and composition level, will be practiced throughout the course. The reading of Spanish-speaking writers will be used to improve students' reading and writing skills, critical thinking abilities and understanding of the diversity of Spanish-speaking societies. This course is conducted entirely in Spanish.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B

**SPAN R220H Honors: Spanish for Heritage Speakers I 4 Units***In-Class Hours:* 70 lecture*Advisories/Rec Prep:* SPAN R110*C-ID:* SPAN 220

This is a Spanish course designed for native and heritage speakers of Spanish. It increases awareness of linguistic registers, provides instruction that builds upon the existing reading, writing, speaking and listening skills and the cultural heritage and knowledge of these students. The process of writing, at paragraph and composition level, will be practiced throughout the course. The reading of Spanish-speaking writers will be used to improve students' reading and writing skills, critical thinking abilities and understanding of the diversity of Spanish-speaking societies. Honors work challenges students to be more analytical and creative through expanded assignments, and enrichment opportunities. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P". This course is conducted entirely in Spanish.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B**SPAN R230 Spanish for Heritage Speakers II 4 Units***Formerly:* SPAN R141*In-Class Hours:* 70 lecture*Advisories/Rec Prep:* SPAN R200 or SPAN R220*C-ID:* SPAN 230

This course is designed to build upon the existing reading, writing, listening and cultural skills of heritage speakers of Spanish. Students will further expand their vocabulary, distinguish different registers of the language, and learn advanced grammatical forms. The process of essay writing will be practiced throughout the course. The reading of Spanish-speaking writers will be used to improve students' reading and writing skills, critical thinking abilities and understanding of the diversity of Spanish-speaking societies. This course is conducted entirely in Spanish.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B**SPAN R230H Honors: Spanish for Heritage Speakers II 4 Units***Formerly:* SPAN R141*In-Class Hours:* 70 lecture*Advisories/Rec Prep:* SPAN R200 or SPAN R220*C-ID:* SPAN 230

This course is designed to build upon the existing reading, writing, listening and cultural skills of heritage speakers of Spanish. Students will further expand their vocabulary, distinguish different registers of the language, and learn advanced grammatical forms. The process of essay writing will be practiced throughout the course. The reading of Spanish-speaking writers will be used to improve students' reading and writing skills, critical thinking abilities and understanding of the diversity of Spanish-speaking societies. Honors work challenges students to be more analytical and creative through expanded assignments, and enrichment opportunities. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P". This course is conducted entirely in Spanish.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B**SPAN R232 Latin American Literature 3 Units***Formerly:* SPAN R117*In-Class Hours:* 52.5 lecture*Advisories/Rec Prep:* SPAN R210 or SPAN R230

This course provides a survey of Latin American Literature from pre-Columbian times to the present. It includes representative writers from each of the major literary periods, as well as a discussion of literary genres such as poetry, short story, essay and novel. Readings, written assignments, and class discussions will be conducted in Spanish.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2, F**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B

**SPAN R232H Honors: Latin American Literature 3 Units***In-Class Hours:* 52.5 lecture*Advisories/Rec Prep:* SPAN R210 or SPAN R230

This course provides a survey of Latin American Literature from pre-Columbian times to the present. It includes representative writers from each of the major literary periods, as well as a discussion of literary genres such as poetry, short story, essay and novel. Readings, written assignments, and class discussions will be conducted in Spanish. Honors work challenges students to be more analytical and creative through expanded assignments, and enrichment opportunities. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P". This course is conducted entirely in Spanish.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2, F**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B**SPAN R234 Latin American and Spanish Film 3 Units***Formerly:* SPAN R118*In-Class Hours:* 52.5 lecture*Advisories/Rec Prep:* SPAN R200 or SPAN R220

Through films from established and emerging Latin American and Spanish directors, this course explores cultural identity, historical and political events, gender roles, popular movements, and the effect of social media in Spanish-speaking countries. Students view films, read film reviews, participate in group discussions, compare film techniques and artistic styles, and analyze recurrent themes and ideas presented by the films. The class is conducted in Spanish; the films have English or Spanish subtitles.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C1**IGETC:** 3A**SPAN R236 Cultures of Latin America 3 Units***Formerly:* SPAN R119*In-Class Hours:* 52.5 lecture*Advisories/Rec Prep:* SPAN R200 or SPAN R220

This course introduces students to various historical, social, and political aspects of Latin American cultures. This course is conducted entirely in Spanish.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B**SPAN R236H Honors: Cultures of Latin America 3 Units***In-Class Hours:* 52.5 lecture*Advisories/Rec Prep:* SPAN R200 or SPAN R220

This course introduces students to various historical, social, and political aspects of Latin American cultures. This course is conducted entirely in Spanish. Honors work challenges students to be more analytical and creative through expanded assignments, and enrichment opportunities. Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P". This course is conducted entirely in Spanish.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C2**IGETC:** 3B

- Spanish, Associate in Arts for Transfer (p. 429)

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## Spanish, Associate in Arts for Transfer

*\*Program was changed after publication of catalog. Please see addendum (p. 496) for details.*

Through the study of language, history, art, literature and cultures of the Spanish-speaking world, the Associate in Arts in Spanish for Transfer (Spanish AA-T) provides students with linguistic and intercultural skills that are relevant to diverse areas of study in the liberal arts, and prepares them for various professions in education, business, health, government, and hospitality.

The Associate in Arts in Spanish for Transfer (Spanish AA-T) is intended for students who plan to complete a bachelor's degree in Spanish or a "similar" major at a CSU campus. Each CSU campus determines which the degrees it offers are "similar" and can be completed with the preparation included in the AA-T in Spanish within 60 units once a student transfers, so which majors are "similar" varies from CSU to CSU. The Spanish AA-T is considered "similar" to majors such as Spanish (with a variety of emphases including Language and Culture, Preparation for Teaching, Literature), Latin American Studies, Chicano Studies, Chicana/o Studies: Transborder Communities, Linguistics, Central American Studies, Spanish Language and Hispanic Culture, Ethnic Studies, Comparative World Literature, and Chicano and Latino Studies.

For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (<https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>) webpage and seek guidance from an Oxnard College counselor. Students



completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

**To earn an AA-T in Spanish, students must:**

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
  - a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth (CSU GE-Breadth) requirements.
  - b. A minimum of 19 semester units in the Spanish major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of “C” or better or “P” in all courses required in the major. Even though a “pass-no-pass” is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that accepts the Spanish AA-T will be required to complete no more than 60 units after transfer to earn a bachelor’s degree (unless the major is designated as a “high-unit” major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/ Hours
<b>Required Core Courses</b>		<b>16</b>
SPAN R100	Elementary Spanish I	
SPAN R110	Elementary Spanish II	
SPAN R200	Intermediate Spanish I	
or SPAN R220	Spanish for Heritage Speakers I	
or SPAN R220H	Honors: Spanish for Heritage Speakers I	
SPAN R210	Intermediate Spanish II	
or SPAN R230	Spanish for Heritage Speakers II	
or SPAN R230H	Honors: Spanish for Heritage Speakers II	
<b>Substitution Courses</b>		

Students who do not have a minimum of 16 units in Core courses need to choose courses from the following substitution list.

SPAN R234	Latin American and Spanish Film
CHST R101	Introduction to Chicana/o Studies
HIST R109	History of Mexico
CHST/HIST R107	History of Mexicans in the United States
ART R174	Latin American Art
or ART R174H	Honors: Latin American Art

**List A** **3-4**

Select one of the following courses

SPAN R232	Latin American Literature
or SPAN R232H	Honors: Latin American Literature
SPAN R236	Cultures of Latin America

or SPAN R236H Honors: Cultures of Latin America	
HIST R126	History of Latin America
<b>Total Required Major Units</b>	<b>19</b>
<b>CSU GE-Breadth</b>	<b>39</b>
Double Counted Units	- 6-18
Free Electives Required	8-20
<b>Total Units Required for AA-T Degree</b>	<b>60</b>
OR	
<b>IGETC</b>	<b>37</b>
Double Counted Units	- 6-18
Free Elective Required	10-22
<b>Total Units Required for AA-T Degree</b>	<b>60</b>
Note: Credit will not be granted for both SPAN R200 and SPAN R220 or SPAN R220H, or for both SPAN R210 and SPAN R230 or SPAN R230H.	

Upon successful completion of this program, students will be able to:

- Distinguish the cultural and linguistic diversity of the Spanish spoken in Latin American countries, Spain, and the U.S.
- Read, analyze, and discuss a wide range of texts in Spanish, including literary works.
- Demonstrate awareness of cultural, political, and social aspects of the Spanish-speaking world.
- Communicate orally and in writing at the Intermediate-High level of proficiency as stated by the American Council on the Teaching of Foreign Languages (ACTFL).

## Theatre

Theatre at Oxnard College is a set of classes that can be used as electives, or in some cases to meet general education, with the hope to inspire a student to think about a career in performance. We regularly offer a few classes that provide theoretical instruction and hands-on experience for students concentrating on a career both on and off stage. Interested students may pursue careers in acting, directing, playwriting, as well as lighting, set, sound, costume, and make-up design. The study of Theatre encourages all students to enrich their appreciation of varying forms of art and enhances their abilities in communication, critical analysis, and self-expression.

## Program Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- Knowledge of the various means (acting, directing, designing, constructing, etc.) through which a theatrical concept is realized.
- Knowledge of plays that are representative of the development of theatre and theatre history, including its cultural context and its modes of production.
- Knowledge of research sources and methods.
- The ability to think critically and analytically, and to evaluate critical concepts in the context of a range of individual dramatic works.
- The cultivation and development of a professional discipline, collaborative attitude, artistic standards and judgement and respect for the art form as it contributes to an understanding of human diversity.
- The ability to respond as a critically informed member of the theatre audience.

- An appreciation of how the knowledge and skills learned in the discipline of theatre can transfer to life skills.

**THTR R111 Introduction to Theatre 3 Units***In-Class Hours:* 52.5 lecture*C-ID:* THTR 111

This course focuses on the relationship of theatre to various cultures throughout history, and on the contributions of significant individual artists. It will also introduce elements of the production process including play-writing, acting, directing, design, and criticism. Further, it will survey different periods, styles and genres of theatre through play reading, discussion, films and viewing and critiquing live theatre, including required attendance of theatre productions.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** C1**IGETC:** 3A**THTR R151 Acting I 3 Units***In-Class Hours:* 35 lecture, 52.5 laboratory*C-ID:* THTR 151

This course will introduce basic acting theories leading to classroom performance. It will also emphasize exercises that develop memorization, improvisation, focus, concentration, stage movement, vocal production, and interpretation of text.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C1**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**THTR R191 Theatre Production: Performance I 3 Units***In-Class Hours:* 157.5 laboratory*Enrollment Limitations:* Audition is required.*C-ID:* THTR 191

This course allows students to rehearse and perform as actors utilizing introductory level skills in a college production staged for public performance. It also involves the use of varying content each semester with production schedules and will range from classical to contemporary, published comedic, dramatic and/or musical theatre material.

**Grade Modes:** Letter Graded**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU, UC**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None*For more information, contact:***Liberal Studies Division Office (805) 678-5804**

## Tutoring

Oxnard College offers noncredit courses in Tutoring. This course grants no college credit, no units, and no student grades. There is limited to no costs associated with noncredit courses.

## Noncredit Courses

**TUTR R802 Tutoring Methods 0 Units***In-Class Hours:* 16 noncredit

This course, designed for students who will be working as tutors, introduces methods and best practices for tutoring individuals and groups. Students will examine learning theories and instructional pedagogies. This course offers students the opportunity for the application of learned skills and techniques to tutoring sessions.

**Catalog Notes:** This is a noncredit course; Does not apply to Associate Degree.**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Repeatable for Credit:** Unlimited.**Degree Applicability:** Noncredit course; not applicable for degree credit**AA/AS GE:** None**Transfer Credit:** None**TUTR R805 Supervised Tutoring 0 Units***In-Class Hours:* 1-300 noncredit

This open-entry/open-exit supervised tutoring course provides student assistance in understanding college course assignments. This course offers students the opportunity for individualized and group activities designed to promote academic success in the classroom setting. Includes learning style assessment and follow#up, study skills workshops, group tutorials activities and assignments for individualized tutoring support. This is a noncredit course. Does not apply to Associate Degree.

**Grade Modes:** Pass/No Pass Grading**Repeatable for Credit:** Unlimited.**Degree Applicability:** Noncredit course; not applicable for degree credit**AA/AS GE:** None**Transfer Credit:** None*For more information, contact:***Liberal Studies Division Office  
(805) 678-5804**

## Urban Studies

### URBS R101 Introduction to Urban Studies 3 Units

*In-Class Hours:* 52.5 lecture

This course serves as an introduction to the multi-disciplinary field of urban studies. It explores the nature of the city, how cities developed, and what the cities of the future will look like. Utilizing an interdisciplinary approach incorporating anthropology, geography, history, political science and sociology, the course examines the space of the city. Students will consider the city's origins, complexity, richness, challenges, social problems, and its physical, social and cultural characteristics. The class will explore the appeal of the city as a social and political space, and consider the cities of the future and what they mean for human culture and society.

**Grade Modes:** Letter Graded

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2

**Transfer Credit:** CSU, UC

**UC Credit Limitations:** None

**CSU GE-Breadth:** D

**IGETC:** 4

*For more information, contact:*

**Dr. Arion Melidonis, (805) 678-5044**

amelidonis@vcccd.edu

## Noncredit Programs and Courses

### Accounting

#### ACCT R810 QuickBooks 1 0 Units

*In-Class Hours:* 24-27 noncredit

QuickBooks is a complete computerized accounting system for small businesses. Topics include a review of basic accounting concepts, preparation of business reports and graphs, and the creation of a company using QuickBooks accounting. This course also covers creation and operation of a detailed accounting system for new and existing businesses.

**Grade Modes:** Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

#### ACCT R811 QuickBooks 2 0 Units

*In-Class Hours:* 24-27 noncredit

*Advisories/Rec Prep:* ACCT R810

QuickBooks is a complete computerized accounting system for small businesses. This advanced course covers planning and budgeting, progress billing, file importing and exporting, and creating reports and graphs.

**Grade Modes:** Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

## Automotive Body and Fender Repair

### AB R801 Introduction to Automotive Body and Fender Repair 0 Units

*In-Class Hours:* 140 noncredit

This course covers the fundamentals of auto body repair including metal inert gas (MIG) welding, oxy-acetylene welding, metal finishing, use of body fillers, sanding, masking, and priming.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### AB R802 Intermediate Auto Body and Fender Repair 0 Units

*In-Class Hours:* 140 noncredit

*Prerequisites:* AB R801 or AB R001

This course teaches students advanced auto body repair techniques using various materials such as steel, aluminum and plastics. Students are also taught special priming methods.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### AB R803 Introduction to Estimating Auto Body Damage 0 Units

*In-Class Hours:* 140 noncredit

*Prerequisites:* AB R802 or AB R002

This course is designed to prepare students with the necessary skills in writing estimates or accident reports for non-structural refinishing and repair of automobile damage.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### AB R804 Advanced Auto Body Collision and Damage Repair 0 Units

*In-Class Hours:* 140 noncredit

*Prerequisites:* AB R803 or AB R003

This is an advanced course in the techniques of repairing heavy damage to the automobile body and chassis; emphasis will be on automobile frame straightening, structure damage repairs, and advanced welding. The student's auto body projects will be in the scope of complete automotive wrecks.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**AB R805A Auto Body Painting and Refinishing I 0 Units***In-Class Hours:* 70 noncredit

This course is designed to prepare students for entry-level positions in the automotive refinishing industry by providing training in painting fundamentals. Topics to be covered include a history of the industry, shop safety, shop equipment and layout, required tools and materials, and surface preparation techniques.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**AB R805B Auto Body Painting and Refinishing II 0 Units***In-Class Hours:* 140 noncredit*Prerequisites:* AB R805A or AB R005A

This course continues training in automotive painting and refinishing. Topics to be covered include application of undercoats and topcoats, spot repair procedures, paint job procedures, paint problems, and procedures for securing employment in the field.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**AB R807A Automotive Graphics 0 Units***In-Class Hours:* 70 noncredit

This is an introductory course that gives a comprehensive overview of automotive graphics including preparation and layout of pinstriping, touch-up, lettering, and murals. This course also includes graphics for commercial trucks and boats.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**AB R807B Advanced Automotive Graphics 0 Units***In-Class Hours:* 70 noncredit*Prerequisites:* AB R807A or AB R007A

This course provides instruction in advanced level automotive graphics design including color selection, paint mixing, customized murals, advanced commercial lettering applications, advanced outlines and shadowing, advanced pinstriping, and customized quills.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**Business Information Worker****CAOT R800 Introduction to Business Information Worker 0 Units***In-Class Hours:* 56 noncredit

This course provides instruction and practical applications in current office techniques. Students will learn about the workplace environment, communication skills, business English, soft skills, ethics, customer focus, team work, technology basics, workforce behaviors, business correspondence, meetings and travel, and job search among other related topics essential for employment in office positions.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**CAOT R801 Keyboarding (Alpha and Numeric) 0 Units***In-Class Hours:* 43 noncredit

This course is for the beginning student and provides instruction and development of fundamental skills in the operation of the keyboard including letter, number, symbol, special keys, and the numeric keypad.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**CAOT R802 Keyboarding Speed and Accuracy 0 Units***In-Class Hours:* 58 noncredit

This course is designed to improve speed and accuracy in using the keyboard through development of proper technique, assessment of keyboarding deficiencies, and through individual practice to improve keyboarding deficiencies. It is for students who know the keyboard by touch but need more work on speed and/or accuracy. Drills for speed development and accuracy will be self-paced.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**CAOT R803 Computer Literacy 0 Units***In-Class Hours:* 24 noncredit

This course is designed for those with little or no computer experience. Learners practice file management, email, instant messaging, Internet browsing and searching. This course includes a brief introduction to industry standard Microsoft Office (word processing, spreadsheet, and presentation) application programs. Computer terminology and identification of fundamental hardware and software applications is introduced.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None



**CAOT R804 MS Outlook 0 Units***In-Class Hours:* 32 noncredit

This course introduces personal management software and use of Microsoft Outlook functions. Topics include management of e-mail, organization of contacts, creation and scheduling of events using the calendar, and creating and managing tasks for personal and business use. Customization of Outlook features is also covered.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**CAOT R805 MS Word 0 Units***In-Class Hours:* 50 noncredit*Advisories/Rec Prep:* CAOT R801

This course is designed to provide the learner with basic to intermediate level of understanding of word processing with Microsoft Word including basic document creation, formatting, and editing using Microsoft Word.

Learners create, edit, and format business letters, multiple-page reports, newsletters, and cover letters. This course prepares the student for the Microsoft Office User certification exam for Word.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**CAOT R806 MS Excel 0 Units***In-Class Hours:* 50 noncredit*Advisories/Rec Prep:* CAOT R801

This course is designed to provide the learner with a basic to intermediate understanding of Microsoft Excel beginning with spreadsheet design, creation, revision, formatting, and printing a workbook. Formulas, functions, and syntax are introduced along with an introduction to using charts and graphs. Problem solving for Excel solutions is also emphasized. This course prepares the student for the Microsoft Office User Certification exam for Excel.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**CAOT R807 MS PowerPoint 0 Units***In-Class Hours:* 32 noncredit

This course provides the learner with experience planning, creating, editing, viewing, print and run professional PowerPoint presentations. Included is the opportunity to add and modify both text and graphics; insert and modify information graphics and multimedia; apply, modify, and create master pages; and to apply, modify, and create templates. Integration with other Microsoft programs is included.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

## Emergency Medical Technician

**EMT R809 Emergency Medical Responder 0 Units***In-Class Hours:* 87.5 noncredit*Advisories/Rec Prep:* ENGL R097

In this course students learn to assess and initiate immediate lifesaving care to critical patients. Students will obtain basic knowledge and skills necessary to provide lifesaving interventions while awaiting additional Emergency Medical Services (EMS) response and to assist higher level personnel at the scene and during transport. Emergency Medical Responders (EMR) function as part of a comprehensive EMS team under medical oversight, and perform basic interventions with minimal equipment. This course provides emergency care knowledge and skills to prepare students for Emergency Medical Technician, and in the fields of Professional and Volunteer Firefighters and Peace Officers. Upon successful completion of this course, the student will receive an American Heart Association Healthcare Provider Card. Additionally, students will be prepared to take the National EMR Exam.

**Catalog Notes:** This is a noncredit course; Does not apply to Associate Degree.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

**EMT R869 Emergency Medical Technician 0 Units***In-Class Hours:* 190 noncredit*Advisories/Rec Prep:* EMT R109 or EMT R809, and ENGL R097

*Enrollment Limitations:* Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross).

This course covers the knowledge and skills necessary for the individual to provide emergency medical care with an ambulance, fire, or other specialized services at the Basic Life Support (BLS) level. This course is approved by the Ventura County Emergency Medical Services Agency and the California State Department of Emergency Services. Upon successful completion of the skills testing, final exam, and passing the course with a grade of B or better, the student will be eligible to take the EMT National Registry Examination, which is required for certification as an EMT.

**Catalog Notes:** This is a noncredit course; Does not apply to Associate Degree.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None



## English as a Second Language

### ESL R800A Beginning Listening and Speaking Noncredit 0 Units

*In-Class Hours:* 54 noncredit

This course focuses on speaking and listening skills designed for beginning non-native speakers of English. Activities include role playing, dialogues, pronunciation practice, and class discussions.

**Grade Modes:** Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### ESL R800B Beginning Reading and Writing Noncredit 0 Units

*In-Class Hours:* 54 noncredit

This course provides instruction in reading and writing skills for non-native speakers of English who are at the entry-level of English language acquisition. Course content includes reading comprehension, vocabulary development, basic grammar and sentence writing.

**Grade Modes:** Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### ESL R801A ESL Communication Skills Noncredit 0 Units

*In-Class Hours:* 54 noncredit

*Advisories/Rec Prep:* ESL R800A

This course is designed for non-native speakers of English at a high-beginning to low-intermediate level. The course provides listening and speaking practice used in conversational patterns and academic settings. The course also includes grammar points, vocabulary, note-taking, and pronunciation to develop language proficiency and build academic skills. The course emphasizes developing confidence in expressing oneself in English.

**Grade Modes:** Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### ESL R801B ESL Reading, Grammar and Writing Skills 0 Units

*In-Class Hours:* 70 noncredit

*Prerequisites:* Placement based on college's multiple measures process

*Advisories/Rec Prep:* ESL R800B

This is a low-intermediate level reading and writing course for students learning English as a second language and native English speakers who need to develop basic reading and writing skills. Topics included are comprehension skills, critical thinking, vocabulary development, and study skills integrated with grammar and sentence-level writing for academic and real-life situations.

**Grade Modes:** Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### ESL R802A ESL Speaking and Listening Skills 0 Units

*Formerly:* ESL R048

*In-Class Hours:* 48 noncredit

*Prerequisites:* Placement as determined by the college's multiple measures assessment process

*Advisories/Rec Prep:* ESL R801A

This course is intended for high-intermediate to advanced non-native English speakers who are able to hold a conversation in English. The course helps ESL students communicate more effectively in academic, professional, and social settings, and to adequately document oral presentations. Students will also develop listening, note-taking, and speaking skills, and strategies for success in the college environment. The course provides review of grammar, vocabulary, and idiomatic expressions.

**Grade Modes:** Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### ESL R802B ESL Reading and Writing Skills 0 Units

*Formerly:* ESL R065

*In-Class Hours:* 66-70 noncredit

*Prerequisites:* Placement as determined by the college's multiple measures assessment process

*Advisories/Rec Prep:* ESL R801B and ESL R801C

This course provides intermediate level ESL students instruction in basic academic reading and writing skills. Topics include understanding main idea and supporting details, literal and inferential comprehension, grammar and sentence skills, vocabulary development, study skills and basic use of library resources and the college's course management system.

**Grade Modes:** Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### ESL R805 Language Skills for Citizenship Preparation Noncredit 0 Units

*In-Class Hours:* 18 noncredit

*Advisories/Rec Prep:* Intended for students interested in becoming naturalized citizens

The course is designed to help non-native speakers of English prepare for U.S. Citizenship. Students receive direct instruction in oral/aural and written literacy skills in English necessary to pass an oral and written test with an Immigration and Naturalization Service official.

**Grade Modes:** Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

## Music

### MUS R801 Pro Tools Fundamentals I 0 Units

*In-Class Hours:* 16 noncredit

Pro Tools is the industry standard software for audio recording, mixing, and editing. This course is the first of a 2-part non-credit series that will award an industry recognized credential for both academic users and industry professionals, the Avid Certified User: Pro Tools. This course introduces fundamental Pro Tools concepts and principles, covering everything an individual needs to know to complete a basic Pro Tools project, from initial setup to final mixdown.

**Grade Modes:** Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### MUS R810 Pro Tools Fundamentals II 0 Units

*In-Class Hours:* 24 noncredit

*Prerequisites:* MUS R801 or Pro Tools 101 Certification

*Enrollment Limitations:* Completion of Pro Tools Fundamentals I (PT101) Certification Exam.

Pro Tools is the industry standard software for audio recording, mixing, and editing. This course is the second of a 2-part non-credit sequence that will award an industry recognized credential for both academic users and industry professionals, the Avid Certified User: Pro Tools. This course expands upon the basic principles taught in the Pro Tools Fundamentals I (MUS R801) course and introduces the core concepts and techniques students need to competently operate a Pro Tools system running mid-sized sessions. Students will learn to build sessions designed for commercial purposes and improve the results of their recording, editing, and mixing efforts.

**Grade Modes:** Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

## Personal Growth

### PG R805 Introduction to College Life 0 Units

*In-Class Hours:* 6 noncredit

*Enrollment Limitations:* Students must be receiving the adult portion of Cash-Aid from the County of Ventura. .

This course is designed to assist students who are transitioning to Oxnard College Campus by offering strategies to increase their academic success. This course will focus on college readiness, educational planning, information about academic counseling, transferring to a four-year institution, vocational programs, study skills, college activities and clubs, student services, basic survival hints and resources. This course will be discussing the service and policies of on campus support programs such as CalWORKs, EOPS/CARE, EAC, Financial Aid, etc. This class is an open entry, open exit. This is a noncredit course. Does not apply to Associate Degree.

**Catalog Notes:** This course will be offered Open Entry Open Exit.

**Grade Modes:** Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### PG R810 Preparing for Workplace Success 0 Units

*In-Class Hours:* 35 noncredit

This is a free course designed to offer students crucial workplace readiness skills. Students will have the opportunity to learn effective job searching strategies and critical employability skills necessary to secure and maintain employment. Topics covered include assessment of unique personality and strengths, career research, goal setting, effective resume and cover letter writing, networking and interviewing techniques, and various behavioral and interpersonal skills related to workplace satisfaction.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### PG R820 Reaching Excellence in Academics and Challenges 0 Units

*In-Class Hours:* 3 noncredit

This course will provide students with the understanding of non-cognitive factors that contribute to the status of being placed on academic probation. Students will develop a strategic plan to overcome these issues through the utilization of emotional intelligence. Students will use skill building exercises, lecture and group discussion to identify barriers to their academic success as well as to overcome stress and negativity. Students will explore tools, techniques, and skills to perform their role and utilize effective problem solving skills with confidence.

**Grade Modes:** Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### PG R850 Emotional Intelligence 0 Units

*In-Class Hours:* 9 noncredit

This course will provide students with the ability to deal effectively with their emotions and self-perceptions that are critical to their success and inspire high performance as students, employees, and in relationships with others. Students will (learn) the definition and the five key components of emotional intelligence through skill-building exercises, lectures, and group discussions. Students will have opportunities to identify their own strengths and challenges in maintaining positive environments and collaborative relationships along with strategies for overcoming stress and negativity. Students will explore tools, techniques, and skills to help them perform their role and manage their emotions with confidence and positive results.

**Grade Modes:** Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

## Tutoring

### TUTR R802 Tutoring Methods 0 Units

*In-Class Hours:* 16 noncredit

This course, designed for students who will be working as tutors, introduces methods and best practices for tutoring individuals and groups. Students will examine learning theories and instructional pedagogies. This course offers students the opportunity for the application of learned skills and techniques to tutoring sessions.

**Catalog Notes:** This is a noncredit course; Does not apply to Associate Degree.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### TUTR R805 Supervised Tutoring 0 Units

*In-Class Hours:* 1-300 noncredit

This open-entry/open-exit supervised tutoring course provides student assistance in understanding college course assignments. This course offers students the opportunity for individualized and group activities designed to promote academic success in the classroom setting. Includes learning style assessment and follow#up, study skills workshops, group tutorials activities and assignments for individualized tutoring support. This is a noncredit course. Does not apply to Associate Degree.

**Grade Modes:** Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

## Certificate of Completion

- Automotive Body and Fender Repair, Certificate of Completion (p. 206)
- Business Information Worker Quick Start, Certificate of Completion (p. 438)
- QuickBooks, Certificate of Completion (p. 168)
- Emergency Medical Technician, Certificate of Completion (p. 284)

## Certificate of Competency

- English as a Second Language - Level 1, Certificate of Competency (p. 439)
- English as a Second Language - Level 2, Certificate of Competency Noncredit (p. 439)
- English as a Second Language - Level 3, Certificate of Competency Noncredit (p. 440)

## Auto Body Painting and Refinishing, Certificate of Completion

*\*Program was added after publication of catalog. Please see addendum (p. 496)for details.*

The Auto Body Painting and Refinishing Certificate of Completion is a noncredit program that prepares students for positions in the auto body and repair industry in the area of painting and refinishing.

Course ID	Title	Units/Hours
AB R805A	Auto Body Painting and Refinishing I	70
AB R805B	Auto Body Painting and Refinishing II	140
<b>Total Hours</b>		<b>210</b>

Year 1		Units/Hours
<b>Fall Semester</b>		
AB R805A	Auto Body Painting and Refinishing I	70
<b>Units/Hours</b>		<b>70</b>
<b>Spring Semester</b>		
AB R805B	Auto Body Painting and Refinishing II	140
<b>Units/Hours</b>		<b>140</b>
<b>Total Units/Hours</b>		<b>210</b>

Upon successful completion of this program, students will be able to:

- Demonstrate proficiency in spot painting repair
- Demonstrate proficiency in panel painting repair
- Demonstrate proficiency in complete car painting repair

## Automotive Body and Fender Repair, Certificate of Completion

*\*Program was added after publication of catalog. Please see addendum (p. 496)for details.*

The Automotive Body and Fender Repair Certificate of Completion prepares students to enter the automotive repair industry as entry-level technicians. This noncredit program emphasizes hands-on training in body, fender, collision repair, and painting, providing students with the necessary skills to gain employment in the industry.

Course ID	Title	Units/Hours
AB R801	Introduction to Automotive Body and Fender Repair	140
AB R802	Intermediate Auto Body and Fender Repair	140
AB R803	Introduction to Estimating Auto Body Damage	140
AB R804	Advanced Auto Body Collision and Damage Repair	140
AB R805A	Auto Body Painting and Refinishing I	70
AB R805B	Auto Body Painting and Refinishing II	140
<b>Total Hours</b>		<b>770</b>

Year 1		Units/Hours
<b>Fall Semester</b>		
AB R801	Introduction to Automotive Body and Fender Repair	140
AB R803	Introduction to Estimating Auto Body Damage	140
AB R805A	Auto Body Painting and Refinishing I	70
<b>Units/Hours</b>		<b>350</b>
<b>Spring Semester</b>		
AB R802	Intermediate Auto Body and Fender Repair	140
AB R804	Advanced Auto Body Collision and Damage Repair	140

AB R805B	Auto Body Painting and Refinishing II	140
	<b>Units/Hours</b>	<b>420</b>
	<b>Total Units/Hours</b>	<b>770</b>

Upon successful completion of this program, students will be able to:

- Identify and comprehend environmental safety rules and regulations, in the following areas: shop safety, personal safety, hazardous material safety, air bag safety, respirator safety, welding safety, and power tool and equipment safety.
- Demonstrate the ability to analyze and evaluate various damage areas of a vehicle, including estimating the costs of repair, and identify the safety and proper procedures of repair.
- Demonstrate the skills and knowledge required to repair vehicles in the auto body industry in the following areas: cosmetic repairs, painting spot repair, painting a panel repair, painting a complete car, non-structural body repairs, structural body repair, and fine detailing of a vehicle.

## Automotive Graphics, Certificate of Completion

*\*Program was added after publication of catalog. Please see addendum (p. 496) for details.*

The Automotive Graphics Certificate of Completion is a noncredit program that prepares students for entry level positions as an automotive graphic designer in the auto body and repair industry as well as other fields that require graphic design skill sets such as paint mixing, customized murals, advanced commercial lettering, advanced outlines and shadowing, and advanced pin-stripping.

Course ID	Title	Units/Hours
AB R807A	Automotive Graphics	70
AB R807B	Advanced Automotive Graphics	70
<b>Total Hours</b>		<b>140</b>

Year 1		
Fall Semester		Units/Hours
AB R807B	Advanced Automotive Graphics	140
	<b>Units/Hours</b>	<b>140</b>
Spring Semester		
AB R807A	Automotive Graphics	140
	<b>Units/Hours</b>	<b>140</b>
	<b>Total Units/Hours</b>	<b>280</b>

Upon successful completion of this program, students will be able to:

- Demonstrate proficiency in the preparation and layout of pin-stripping
- Demonstrate proficiency in advanced level automotive graphics design including color selection

## Business Information Worker Quick Start, Certificate of Completion

The Business Information Worker (BIW) Quick Start Certificate of Completion program is designed to prepare students for positions as office and administrative support workers and work closely with management in a business, professional, educational, or industrial office.

Students having successfully completed the BIW Quick Start coursework will have gained marketable skills required of the BIW—a California Community Colleges Pathway to Success initiative that leads to job readiness for an in-demand occupation.

The program is offered in the noncredit format. Noncredit instruction provides access to a variety of courses tuition free to assist students in reaching their personal, academic and professional goals.

Course ID	Title	Units/Hours
<b>Required Core</b>		
CAOT R800	Introduction to Business Information Worker	56
CAOT R801	Keyboarding (Alpha and Numeric)	43
CAOT R802	Keyboarding Speed and Accuracy	58
CAOT R803	Computer Literacy	24
CAOT R804	MS Outlook	32
CAOT R805	MS Word	50
CAOT R806	MS Excel	50
CAOT R807	MS PowerPoint	32
<b>Total Hours</b>		<b>345</b>

Year 1		
Fall Semester		Units/Hours
CAOT R800	Introduction to Business Information Worker	56
CAOT R801	Keyboarding (Alpha and Numeric)	43
CAOT R802	Keyboarding Speed and Accuracy	58
CAOT R803	Computer Literacy	24
CAOT R804	MS Outlook	32
CAOT R805	MS Word	50
CAOT R806	MS Excel	50
CAOT R807	MS PowerPoint	32
	<b>Units/Hours</b>	<b>345</b>
	<b>Total Units/Hours</b>	<b>345</b>

Upon successful completion of this program, students will be able to:

- Use the Web to conduct research
- Organize and maintain paper and electronic files
- Prepare letters, memos and e-mail
- Schedule appointments
- Prepare presentation materials including researching topic, writing basic content and preparing visuals
- Apply effective telephone techniques
- Create basic spreadsheets
- Work in teams with other administrative professionals

## Emergency Medical Technician, Certificate of Completion

*\*Program was added after publication of catalog. Please see addendum (p. 496) for details.*

The Emergency Medical Technician (EMT) Certificate of Completion program provides comprehensive instruction in the skills necessary for success as an EMT in the emergency services industry. This program is designed to meet the needs of current students and in-service professionals interested in career advancement and for those seeking

to advance their EMT knowledge. This program is aligned with the EMT-Basic: National Standard Curriculum. This program incorporates the National Registry of Emergency Medical Technicians psychomotor exam. Career opportunities after completion of the certificate include EMT, Emergency Room Technician, and Search and Rescue.

The program is offered in the noncredit format. Noncredit instruction provides access to a variety of courses tuition free to assist students in reaching their personal, academic and professional goals.

Course ID	Title	Units/Hours
<b>Required Courses</b>		
EMT R809	Emergency Medical Responder	87.5
EMT R869	Emergency Medical Technician	190
<b>Total Hours</b>		<b>277.5</b>
<b>Year 1</b>		
<b>Fall Semester</b>		<b>Units/Hours</b>
EMT R809	Emergency Medical Responder	87.5
	<b>Units/Hours</b>	<b>87.5</b>
<b>Spring Semester</b>		
EMT R869	Emergency Medical Technician	190
	<b>Units/Hours</b>	<b>190</b>
	<b>Total Units/Hours</b>	<b>277.5</b>

Upon successful completion of this program, students will be able to:

- Apply scientific knowledge in providing prehospital and emergency medical care
- Use effective communication and interpersonal skills with patients and other health care workers
- Operate within the roles of an entry level provider of care and contributor to the EMT profession
- Demonstrate and foster high standards of Prehospital and Emergency Medical practice in skill performance and patient advocacy
- Provide competent and safe care in a variety of settings to a group of patients with diverse needs across the life span by demonstrating knowledgeable decision making and judgment based on critical thinking, clinical competence, accountability and collaboration with the patient and health care team
- To promote the personal and professional growth, health and success of each student
- To promote the concept of lifelong learning, including the pursuit of advanced degrees and advanced practice in the health field
- To prepare graduates who are eligible to seek licensure as EMTs and that meet the expectations of the EMS Community

## English as a Second Language - Level 1, Certificate of Competency

The ESL Certificate of Competency-Level 1 prepares student to function in everyday situations in social, business, educational, financial, and medical settings. The focus is to prepare students to transition to credit ESL college courses.

Course ID	Title	Units/Hours
ESL R800A	Beginning Listening and Speaking Noncredit	54
ESL R800B	Beginning Reading and Writing Noncredit	54
<b>Total Hours</b>		<b>108</b>
<b>Year 1</b>		
<b>Fall Semester</b>		<b>Units/Hours</b>
ESL R800A	Beginning Listening and Speaking Noncredit	54
	<b>Units/Hours</b>	<b>54</b>
<b>Spring Semester</b>		
ESL R800B	Beginning Reading and Writing Noncredit	54
	<b>Units/Hours</b>	<b>54</b>
	<b>Total Units/Hours</b>	<b>108</b>

Upon successful completion of this program, students will be able to:

- Read with basic literal comprehension.
- Write simple sentences using basic grammar correctly.
- Participate in conversations on a variety of everyday topics.

## English as a Second Language - Level 2, Certificate of Competency Noncredit

The courses required for the ESL Certificate of Competency-Level 2 prepare students to function in everyday situations including social, business, educational, financial, and medical settings. Skills in reading, writing, listening, and speaking are taught at the advanced-beginning level and prepare students to progress in their acquisition of academic English in pursuit of a certificate or degree.

Course ID	Title	Units/Hours
ESL R801A	ESL Communication Skills Noncredit	54
ESL R801B	ESL Reading, Grammar and Writing Skills	70
<b>Total Hours</b>		<b>124</b>
<b>Year 1</b>		
<b>Fall Semester</b>		<b>Units/Hours</b>
ESL R801A	ESL Communication Skills Noncredit	54
	<b>Units/Hours</b>	<b>54</b>
<b>Spring Semester</b>		
ESL R801B	ESL Reading, Grammar and Writing Skills	70
	<b>Units/Hours</b>	<b>70</b>
	<b>Total Units/Hours</b>	<b>124</b>

Upon successful completion of this program, students will be able to:

- Read with basic comprehension and acquire new vocabulary from context.
- Write simple sentences using correct grammar and syntax.
- Participate in conversations on a variety of everyday topics.



## English as a Second Language - Level 3, Certificate of Competency Noncredit

The English as a Second Language Level 3 Certificate of Competency prepares student to transition to credit ESL college courses. The courses required for the certificate integrate low-intermediate reading and writing skills and listening and speaking skills that prepare students for academic work. Students will also acquire skills to help them communicate in everyday situations such as social, business, financial, and medical settings. The focus is to prepare students to transition to credit ESL college courses.

Course ID	Title	Units/ Hours
ESL R802A	ESL Speaking and Listening Skills	48
ESL R802B	ESL Reading and Writing Skills	70
<b>Total Hours</b>		<b>118</b>

Year 1		
Fall Semester		Units/Hours
ESL R802A	ESL Speaking and Listening Skills	48
	<b>Units/Hours</b>	<b>48</b>
Spring Semester		
ESL R802B	ESL Reading and Writing Skills	70
	<b>Units/Hours</b>	<b>70</b>
	<b>Total Units/Hours</b>	<b>118</b>

Upon successful completion of this program, students will be able to:

- Read with intermediate-level comprehension and acquire new vocabulary from context.
- Write simple sentences using correct grammar and syntax.
- Participate in conversations on a variety of topics regarding employment, academics, and leisure time.