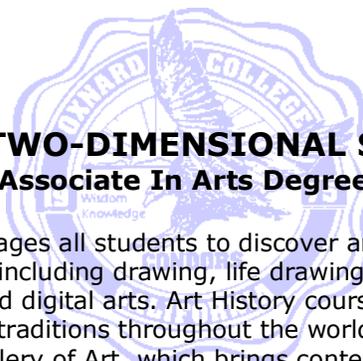


ART – TWO-DIMENSIONAL STUDIO

Associate In Arts Degree



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!. For more information contact: Christine Morla (805) 678-5046 cmorla@vcccd.edu

REQUIRED CORE CLASSES		UNITS
ART R102	Western Art I: Prehistory through the Middle Ages <i>ADVISORIES: ENGL R101</i>	3.0
ART R103	Western Art II: Renaissance to Contemporary	3.0
ART R104A	Color and Design: 2-D Foundations	3.0
ART R104B	Color Theory <i>PREREQUISITIES: ART R104A</i>	3.0
ART R106A	Drawing and Composition I	3.0
ART R106B	Drawing and Composition II <i>PREREQUISITIES: ART R106A</i>	3.0
ART R115A	Abstract Concepts I <i>PREREQUISITIES: ART R110A</i>	3.0
ART R126A	Life Drawing I <i>PREREQUISITIES: ART R106A</i>	3.0
ART R171	Survey of Modern Art	3.0
ART R165	Portfolio/Gallery Presentation <i>PREREQUISITIES: ART R106A</i>	3.0

LIST A		
Choose a series of 2 PAINTING COURSES (minimum of 6.0 units)		
ART R108A	Beginning Oil Painting	3.0
ART R108B	Intermediate Oil Painting <i>PREREQUISITIES: ART R108A</i>	3.0
-OR-		
ART R110A	Beginning Acrylic Painting	3.0
ART R110B	Intermediate Acrylic Painting <i>PREREQUISITIES: ART R110A</i>	3.0



Total Required Major Units	36.0
Oxnard College General Education Pattern	29.0
Double-Counted Units	3.0
Free Electives Required	0.0
Total Units required for the A.A. Degree	62.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



AUTOMOTIVE BODY AND FENDER REPAIR

Associate In Science Degree Certificate Of Achievement

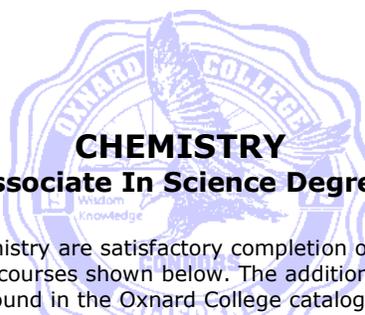
The Automotive Body, Painting, and Fender Repair program at Oxnard College prepares students to enter the industry as entry-level technicians and provides continuous skills improvement training for employed technicians in the field. Students can complete a Certificate of Achievement and an Associate of Science Degree if the necessary general education requirements are completed. The program emphasizes hand-on training in body, fender, collision repair, painting, and automotive graphics so that students have the skills necessary to gain employment in the industry. *For more information contact: Jose Ortega (805) 678-5047 jortega@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
AB R001	Introduction to Automotive - Body and Fender Repair	4.0
AB R002	Intermediate Auto Body and Fender Repair <i>Prerequisites: AB R001</i>	4.0
AB R003	Introduction to Estimating Auto Body Damage <i>Prerequisites: AB R002</i>	4.0
AB R004	Advanced Auto Body Collision and Damage Repair <i>Prerequisites: AB R003</i>	4.0
AB R005A	Auto Body Painting and Refinishing I	2.0
AB R005B	Auto Body Painting and Refinishing II <i>Prerequisites: AB R005A</i>	4.0

Required additional courses		
Complete a minimum of one course from the following:		
AB R007A	Automotive Graphics	2.0
AB R007B	Advanced Automotive Graphics <i>Prerequisites: AB R007A</i>	2.0
AT R110	Introduction to Auto Technology	6.0
AT R115	Automotive Electrical Systems <i>Advisories: AT R110</i>	6.0

Total Required Major Units	24-28
Oxnard College General Education Pattern	29.0
Double-Counted Units	0.0
Degree-Applicable Electives (needed to reach 60 units)	5-7
Total Units required for the A.S. Degree	60.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



CHEMISTRY
Associate In Science Degree

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. *For more information contact: Yong Ma (805) 678-5053. yma@vcccd.edu or Dr. Anna Toy-Palmer (805) 678-5205 atoypalmer@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
CHEM R120	General Chemistry I <i>Prerequisites: CHEM R110 and MATH R015 or MATH R005 or MATH R014 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	5.0
CHEM R122	General Chemistry II <i>Prerequisites: CHEM R120</i>	5.0
CHEM R130	Organic Chemistry I <i>Prerequisites: CHEM R122</i>	5.0
CHEM R132	Organic Chemistry II <i>Prerequisites: CHEM R130</i>	5.0
MATH R120	Calculus with Analytic Geometry I <i>Prerequisites: MATH R115 and MATH R116 or MATH R117 or placement as determined by the college's multiple measures assessment process</i>	5.0
MATH R121	Calculus with Analytic Geometry I <i>Prerequisites: MATH R120</i>	
PHYS R131	Physics for Scientists and Engineers 1 <i>Prerequisites: MATH R120</i>	5.0
PHYS R131	Physics for Scientists and Engineers 1 <i>Prerequisites: MATH R121 and PHYS R131</i>	5.0
Total Required Major Units		40.0
Oxnard College General Education Pattern		29.0
Double-Counted Units		-(6.0)
Degree Applicable Electives (<i>needed to reach 60 units</i>)		0.0
Total Units required for the A.S. Degree		60.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



CHICANA/O STUDIES

Associate In Arts Degree

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. *For more information contact: Dr. Linda Chaparro (805) 678-5096 lchaparro@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
CHST R101	Introduction to Chicana/o Studies	3.0
CHST R102	Chicana/o Cultural Identity	3.0
SOC R108	Sociology of the Chicano Community	3.0

Restricted Electives - Choose a minimum of 9 units from the following:

CHST R107	History of Mexicans in the United States (HIST R107)	3.0
BRS R101	Introduction to Border Studies (ANTH R119)	3.0
SOC R103	Race and Ethnic Relations	3.0
ART R172	Art of the Ancient Americas	3.0
ART R174	Latin American Art <i>Advisories: ENGL R101</i>	3.0
DANC R110A	Mexican Folklórico Dance I	2.0
DANC R110B	Mexican Folklórico Dance II <i>Advisories: DANC R110A</i>	2.0
HIST R109	History of Mexico	3.0
HIST R126	History of Latin America	3.0
MUS R109	Music of Latin America	3.0
MUS R126	Mariachi Ensemble	1.0
SPAN R103	Intermediate Spanish 1 <i>Prerequisites: SPAN R102</i>	5.0
SPAN R104	Intermediate Spanish 2 <i>Prerequisites: SPAN R103</i>	5.0
SPAN R117	Latin American Literature <i>Prerequisites: SPAN R103 or SPAN R140 or placement as determined by the college's multiple measures assessment process</i> <i>Advisories: SPAN R104 or SPAN R141</i>	3.0
SPAN R118	Latin American and Spanish Film <i>Advisories: SPAN R103 or SPAN R140 or a score of 429 or above on the Spanish Assessment Test</i>	3.0
SPAN R140	Spanish for Heritage Speakers 1 <i>Advisories: SPAN R102</i>	5.0
SPAN R141	Spanish for Heritage Speakers 2 <i>Prerequisites: SPAN R140</i>	5.0

Total Required Major Units	18-20
Oxnard College General Education Pattern	29.0
Double-Counted Units	-(6-12)
Free Electives Required	19-21
Total Units required for the A.A. Degree	60.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



ASSOCIATE IN ARTS FOR TRANSFER

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 R101 or ECON R102. For more information, contact: Dr. Ishita Edwards (805) 678-5060 iedwards@vcccd.edu

REQUIRED CORE CLASSES		UNITS
ECON R101/H	Introduction to the Principles of Macroeconomics/ Honors <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i>	3.0
ECON R102/H	Introduction to the Principles of Microeconomics/ Honors <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i>	3.0
MATH R105/H	Introductory Statistics/ Honors <i>Prerequisites: MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
-AND-		
MATH R106	Business Calculus <i>Prerequisites: MATH R014 or MATH R014B or MATH R015 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
-OR-		
MATH R120	Calculus with Analytic Geometry I <i>Prerequisites: MATH R115 and MATH R116 or MATH R117 or placement as determined by the college's multiple measures assessment process</i>	5.0

List A		
ACCT R101/H	Financial Accounting/ Honors <i>Advisories: BUS R001</i>	3.0
ACCT R102	Managerial Accounting <i>Prerequisites: ACCT R101 or ACCT R101H</i>	3.0
BUS R140	Business Communications <i>Prerequisites: ENGL R101 Advisories: Word-processing skills</i>	3.0
CIS R100	Introduction to Computer Information Systems <i>Advisories: CIS R020A</i>	3.0
MATH R121	Calculus with Analytical Geometry II <i>Prerequisites: MATH R120</i>	5.0
SPAN R101	Elementary Spanish 1	5.0
SPAN R102	Elementary Spanish 2 <i>Prerequisites: SPAN R101 or placement as determined by the college's multiple measures assessment process</i>	5.0
SPAN R103	Intermediate Spanish 1 <i>Prerequisites: SPAN R102</i>	5.0
SPAN R104	Intermediate Spanish 2	5.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



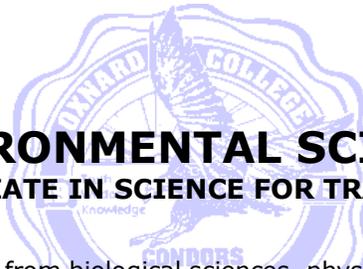
SPAN R140	Spanish for Heritage Speakers 1 <i>Prerequisites: SPAN R103</i> <i>Advisories: SPAN R102</i>	5.0
SPAN R141	Spanish for Heritage Speakers 2 <i>Prerequisites: SPAN R140</i>	5.0

List B

Select one of the following courses (3-5 units):
Any course from List A not selected above

ECON R100	Introduction to Economics and Contemporary Economic Issues <i>Advisories: ENGL R095 and ENGL R097 or equivalent</i>	3.0
MATH R122	Calculus with Analytic Geometry III <i>Prerequisites: MATH R121</i>	5.0
MATH R134	Linear Algebra <i>Prerequisites: MATH R121</i>	3.0

Total Required Major Units	20-25
CSU General Education <i>or</i> IGETC Pattern	37-39
Double-Counted Units	-(9-12)
Electives (CSU transferable units needed to reach 60)	8-12
Total Units required for the AA-T Degree	60



ENVIRONMENTAL SCIENCE

ASSOCIATE IN SCIENCE FOR TRANSFER

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. *For more information, contact: Jim Danza (805) 678-5209 jdanza@vcccd.edu*

Select either Option 1 or Option 2

OPTION 1 (15 units)

UNITS

BIOL R120	Principles of Biology I <i>Prerequisites: CHEM R120 and MATH R005 or MATH R015 or placement based on multiple measurements assessments</i> <i>Advisories: ENGL R097 or ENGL R100 or ENGL R101</i>	4.0
BIOL R120L	Principles of Biology I Lab: Intro to Cellular and Molecular Biology <i>Prerequisites: BIOL R120 or concurrent enrollment</i>	1.0
BIOL R122	Principles of Biology II <i>Prerequisites: BIOL R120 and BIOL R120L and ENGL R100 or ENGL R101 or ENGL R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or placement as determined by the college's multiple measures assessment process</i>	4.0
BIOL R122L	Principles of Biology II Lab <i>Prerequisites: BIOL R120 and BIOL R120L and BIOL R122 or concurrent enrollment</i>	1.0
CHEM R120	General Chemistry I <i>Prerequisites: CHEM R110 and MATH R015 or MATH R005 or MATH R014 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	5.0

OPTION 2 (15 units)

BIOL R120	Principles of Biology I <i>Prerequisites: CHEM R120 and MATH R005 or MATH R015 or placement based on multiple measurements assessments</i> <i>Advisories: ENGL R097 or ENGL R100 or ENGL R101</i>	4.0
BIOL R120L	Principles of Biology I Lab: Intro to Cellular and Molecular Biology <i>Prerequisites: BIOL R120 or concurrent enrollment</i>	1.0
CHEM R120	General Chemistry I <i>Prerequisites: CHEM R110 and MATH R015 or MATH R005 or MATH R014 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	5.0
CHEM R122	General Chemistry II <i>Prerequisites: CHEM R120</i>	5.0

LIST A

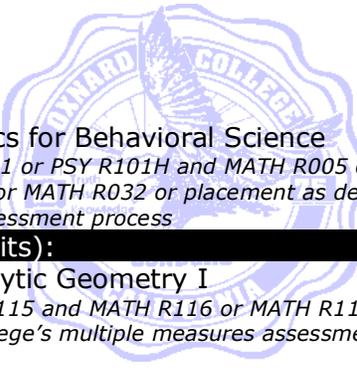
Select Geology and the appropriate statistics and calculus course for the intended transfer institution (14-18 units)

GEOL R101	Physical Geology	3.0
GEOL R101L	Physical Geology Lab <i>Prerequisites: GEOL R101 or concurrent enrollment</i>	1.0

Choose one Statistics course and one Calculus course from the following (7-9 units):

MATH R105/H	Introductory Statistics/Honors <i>Prerequisites: MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
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★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



PSY R103	Beginning Statistics for Behavioral Science	3.0
	<i>Prerequisites: PSY R101 or PSY R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or placement as determined by the college's multiple measures assessment process</i>	

Choose one Calculus course (4-5 units):

MATH R120	Calculus with Analytic Geometry I	5.0
	<i>Prerequisites: MATH R115 and MATH R116 or MATH R117 or placement as determined by the college's multiple measures assessment process</i>	
MATH R106	Business Calculus	4.0
	<i>Prerequisites: MATH R014 or MATH R014B or MATH R015 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	

LIST B

Select ECON and the appropriate physics series for the Intended transfer institution (13 units)

ECON R102	Introduction to the Principles of Microeconomics	3.0
	<i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i>	

-AND-

Physics Series 1 (10 units)

PHYS R131	Physics for Scientists and Engineers 1	5.0
	<i>Prerequisites: MATH R120</i>	
PHYS R132	Physics for Scientists and Engineers 2	5.0
	<i>Prerequisites: MATH R121 and PHYS R131</i>	
-OR-		
PHYS R101	College Physics 1	4.0
	<i>Prerequisites: MATH R116</i>	
PHYS R101L	College Physics 1 Laboratory	1.0
	<i>Prerequisites: PHYS R101 or concurrent enrollment</i>	
PHYS R102	College Physics 2	4.0
	<i>Prerequisites: PHYS R101</i>	
PHYS R102L	College Physics 2 Laboratory	1.0
	<i>Prerequisites: PHYS R102 or concurrent enrollment</i>	

Total Required Major Units	39-41
CSU General Education <i>or</i> IGETC Pattern	31
Double-Counted Units	-(13)
Free Electives Required (ESRM 100 Recommended)	1-3
Total Units required for the AS-T Degree	60



FIRE TECHNOLOGY

Associate In Science Degree Certificate of Achievement

The Oxnard College Fire Technology Program educates career, volunteer, and industrial fire protection and emergency services students throughout our communities to deal effectively with the social, economic, and technical aspects of fire and emergency response. The Program will enhance their professionalism and capabilities to protect California from the devastation of fire, environmental, natural, and man-made emergencies by providing state of the art education, training, resources, certification and leadership. Students will be prepared to enter the field of fire technology as a firefighter. Firefighters are required to carry out emergency duties such as fire suppression, rescue, 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. The Fire Technology Department will provide students with foundational course requirements for certificate programs, two-year degrees and transfers to four-year schools. The Department also maintains a Fire Academy Program, allowing students to earn eligibility for a California State Fire Marshal Firefighter I/II Certificate, a condition of employment for many fire agencies. Fire Fighter II curriculum will be effective Fall 2020. *For more information, contact: Public Safety Division Office 805-678-5115*

REQUIRED CORE CLASSES		UNITS
FT R151	Fire Protection Organizations	3.0
FT R152	Fire Prevention Technology <i>Prerequisites: FT R151 or concurrent enrollment</i>	3.0
FT R154	Fire Behavior and Principles of Combustion <i>Prerequisites: FT R151 or concurrent enrollment</i>	3.0
FT R155	Fire Protection Equipment and Systems <i>Prerequisites: FT R151 or concurrent enrollment</i>	3.0
FT R158	Principles of Fire and Emergency Services: Safety and Survival <i>Prerequisites: FT R151 or concurrent enrollment</i>	3.0
FT R160	Fire Tactics and Strategies <i>Prerequisites: FT R151</i>	3.0
FT R161	Building Construction for Fire Protection <i>Prerequisites: FT R151 or concurrent enrollment</i>	3.0
FT R167	Fire Apparatus and Equipment <i>Prerequisites: FT R151 or concurrent enrollment</i>	3.0
EMT R169	Emergency Medical Technician <i>Advisories: ENGL R085 and ENGL R087 and EMT R109</i> <i>Limitations: American Heart Association (AHA) Basic Life Support or American Red Cross (ARC) Basic Life Support</i>	8.0
Complete a minimum of one course from the following:		
FT R090	USLA Lifeguard Academy I <i>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</i>	3.0
FT R157	Wildland Fire Control <i>Prerequisites: FT R151</i>	3.0
FT R170	Fire Fighter I/II Academy <i>Prerequisites: FT R151 and EMT R169</i> <i>Advisories: FT R154 and FT R161 and FT R167</i> <i>Limitations: Admission to the Fire Academy</i>	19.0
FT R180	Wildland Fire Academy <i>Prerequisites: FT R151 and EMT R109</i> <i>Limitations: No acrylic or long nails in clinical settings Physical examination demonstrating general good health</i>	7.5
Total Required Major Units		35-51
Oxnard College General Education Pattern		29.0
Double-Counted Units		0.0
Free Electives Required		0.0
Total Units required for the A.S. Degree		64-80

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



ACCOUNTING FOR ENTREPRENEURS

Proficiency Award
(Awarded By The Department)

Students completing the Accounting for Entrepreneurs proficiency award will learn accounting applications and software that runs small businesses. Students will learn how to set up a company, create invoices, write checks, prepare payroll and taxes, and create reports to handle financial responsibilities of a small business owner. *For more information contact: Timothy Fontenette (805) 678-5266 tfotenette@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
BUS R100	Introduction to Entrepreneurship	1.0
BUS R105	Accounting for Entrepreneurs	1.5
ACCT R110	QuickBooks 1 <i>Advisories: BUS R001</i>	1.5
ACCT R111	QuickBooks 2 <i>Advisories: ACCT R110</i>	1.5
Total Required Units for the Award		5.5



ADDICTIVE DISORDERS STUDIES

Associate In Science Degree Certificate Of Achievement

This California Association of Alcohol/Drug Educators (CAADE) approved program will prepare 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, case write-ups, and treatment planning. Students completing this program will have the necessary education and skills required to apply for 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/. In addition, students who complete CAADE accredited programs may apply for certification through the California Association of DUI Treatment Program (CADTP) at <https://www.cadtp.org> and the California Consortium of Addiction Programs and Professionals (CCAPP) at www.ccapp.us. These additional certifications will assist students in building their career in the Addiction Counseling field. For more information contact: Lois Zsarnay (805) 678-5229 lois_zsarnay1@vcccd.edu

REQUIRED CORE CLASSES		UNITS
ADS R101	Overview of Addiction	3.0
ADS R102	Case Management <i>*Prerequisites: ADS R101</i>	3.0
ADS R103	Physiology and Pharmacology of Alcohol and Other Drugs <i>*Prerequisites: ADS R101</i>	3.0
ADS R104	Addiction Counseling Theories and Techniques	3.0
ADS R105A	Group Leadership I <i>*Prerequisites: ADS R101</i> <i>**Advisories: ADS R104</i>	3.0
ADS R105B	Group Leadership II <i>*Prerequisites: ADS R105A</i>	3.0
ADS R106	Adult Children of Alcoholics	3.0
ADS R108	Alcohol/Drugs and Human Development	3.0
ADS R109	Counseling Addicted Families	3.0
ADS R110A	Alcohol and Drug Studies Field Experience I <i>*Prerequisites: ADS R101 and ADS R102 and ADS R103 and ADS R104 and ADS R105A</i>	1.0
ADS R110B	Alcohol and Drug Studies Field Experience II <i>*Prerequisites: ADS R110A</i>	1.0
ADS R113A	Co-occurring Disorders I	3.0
ADS R124	Ethics and Confidentiality for Alcohol/Drug Studies	3.0
COT R190V	Occupational Cooperative Unpaid Work Experience <i>*Prerequisites: Completion of or concurrent enrollment in one other course</i>	4.0
-OR-		
COT R191V	Occupational Cooperative Paid Work Experience <i>*Prerequisites: Completion of or concurrent enrollment in one other course</i>	4.0
Total Required Major Units		39.0
Oxnard College General Education Pattern		29.0
Double-Counted Units		0.0
Free Electives Required		0.0
Total Units required for the A.S. Degree		68.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



ADDICTIVE DISORDERS STUDIES FOR ALCOHOL/DRUG COUNSELORS

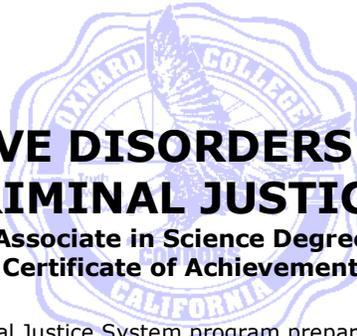
**Associate in Science Degree
Certificate of Achievement**

For those who have already completed the Addictive Disorders Studies Program, this is an advanced certificate program tailored to meet the demands of new developments in the field. Emphasis will be given to develop special knowledge and skills for treatment in the increasingly complex areas of substance abuse. Students with this certificate will be trained to work as clinical supervisors, domestic violence facilitators, addiction and trauma counselors, program managers and prevention specialists. *For more information contact: Lois Zsarnay (805) 678-5229 lois_zsarnay1@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
ADS R105B	Group Leadership II <i>* Prerequisites: ADS R101</i>	3.0
ADS R111	Management and Supervision 3 in Alcohol Programs <i>* Prerequisites: ADS R101</i>	3.0
ADS R112	Prevention Overview	3.0
ADS R115	Alcohol, Drugs, Eating 3 Disorders, and Nutrition	3.0
ADS R121	Alcohol/Drugs and Domestic 3 Violence	3.0
ADS R122	Reducing Binge & Underage 3 Drinking: A Collective Responsibility <i>* Prerequisites: ADS R110A</i>	3.0
ADS R123	Alcohol, Drug Addiction 3 and Trauma	3.0
Total Required Major Units		21.0
Oxnard College General Education Pattern		29.0
Double-Counted Units		0.0
Degree-Applicable Electives (needed to reach 60 units)		10.0
Total Units required for the A.S. Degree		60.0

ADDICTIVE DISORDERS STUDIES IN THE CRIMINAL JUSTICE SYSTEM

**Associate in Science Degree
Certificate of Achievement**



The Addictive Disorders Studies in the Criminal Justice System program 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 choose to 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. Graduates completing this program will be qualified to apply for a number of certifications including Certified Addictions Treatment Counselor (CATC) 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. Application forms and information can be found on their website at www.accbc.org/catc/. For more information contact: Lois Zsarnay (805) 678-5229 lois_zsarnay1@vcccd.edu.

REQUIRED CORE CLASSES		UNITS
ADS R101	Overview of Addiction	3.0
ADS R104	Addiction Counseling Theories 3 and Techniques <i>* Prerequisites: ADS R101</i>	3.0
ADS R106	Adult Children of Alcoholics	3.0
ADS R107	Alcohol/Drug Treatment 3 of Adolescents	3.0
ADS R113A	Co-occurring Disorders I	3.0
ADS R116	Alcohol, Drugs, and the 3 Driving Laws	3.0
ADS R117	Treatment Modalities in 3 the Criminal Justice System	3.0
ADS R118	Culture, Race, & Gender Considerations in CJS Treatment	3.0
ADS R119	Community as Treatment in the 3 Criminal Justice System	3.0
ADS R120	Introduction to Alcohol and Drugs in 3 the Criminal Justice System	3.0
COT R190V	Occupational Cooperative Unpaid Work Experience <i>* Prerequisites: Completion of or concurrent enrollment in one other course</i>	1.5
OR		
COT R191V	Occupational Cooperative Paid Work Experience <i>* Prerequisites: Completion of or concurrent enrollment in one other course</i>	1.5
Total Required Major Units		31.5
Oxnard College General Education Pattern		29.0
Double-Counted Units		0
Free Electives Required		0
Total Units required for the A.S. Degree		60.5



★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



ADMINISTERING MICROSOFT WINDOWS

Proficiency Award
(Awarded By The Department)

The Administering Microsoft® Windows Program is an award recognizing proficiency in administering the Microsoft Windows desktop and server operating systems.. For more information contact: Alex Lynch (805) 678-5061 alynch@vcccd.edu

REQUIRED CORE CLASSES		UNITS
CNIT R130	Administer Microsoft Windows Operating System <i>*Advisories: CNIT R101</i>	3.0
CNIT R131	Administer Microsoft Windows Server <i>*Advisories: CNIT R130</i>	3.0
Total Required Units for Award		6.0



ADMINISTRATIVE ASSISTANT

Associate In Science Degree Certificate of Achievement

This program is designed for students who wish to prepare for positions as administrative assistants or secretaries and work closely with management in a business, professional, educational, or industrial office. *For more information contact: Maria Pinto-Casillas (805) 678-5097 mpintocasillas@vcccd.edu or Alex Lynch (805) 678-5061 alynch@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
BUS R104	Business English	3.0
CAOT R001	Keyboarding (Alpha and Numeric)	1.5
CAOT R002	Keyboarding Speed and Accuracy <i>Advisories: CAOT R001</i>	1.5
CAOT R004	Microsoft Outlook	1.5
CAOT R009	Office Procedures <i>Advisories: CAOT R001 or CAOT R002 and CAOT R130</i>	3.0
CAOT R123	Microsoft Excel <i>Advisories: CIS R020A</i>	3.0
CAOT R130	Microsoft Word <i>Advisories: CIS R020A</i>	3.0
Required Additional Courses		
Complete a minimum of one course from the following		
BUS R001	Preparation for Accounting	3.0
BUS R120	Introduction to Business	3.0
CAOT R124	Microsoft Access <i>Advisories: CIS R020A</i>	3.0
CAOT R129	Microsoft PowerPoint <i>Advisories: CIS R020A</i>	3.0
Total Required Major Units		19.5
Oxnard College General Education Pattern		29.0
Double-Counted Units		0.0
Degree-Applicable Electives (needed to reach 60 units)		11.5
Total Units required for the A.S. Degree		60.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



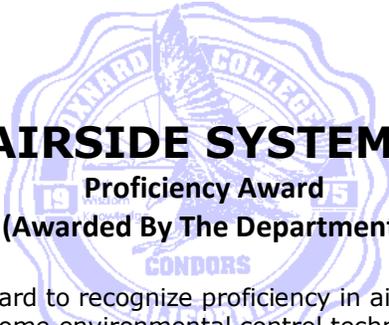
AIR CONDITIONING & REFRIGERATION

Associate in Science Degree
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. *For more information contact: Alan Ainsworth (805) 678-5042 aainsworth@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
AC R010	Introduction to Air Conditioning & Refrigeration	3.0
AC R010L	Introduction to Air Conditioning & Refrigeration I Lab	2.0
AC R011L	Introduction to Air Conditioning & Refrigeration II Lab	2.0
	* Prerequisites: AC R101L	
AC R020	Electrical Systems I	3.0
AC R020L	Electrical Systems I Lab	2.0
AC R021L	Electrical Systems II Lab	2.0
	* Prerequisites: AC R020L	
AC R030	Airside Systems	3.0
AC R030L	Airside Systems Lab	2.0
AC R040	Heating and Control Systems	3.0
AC R040L	Heating and Control Systems Lab	2.0
AC R050	Energy Auditing	3.0
	* Prerequisites: AC R050L	
	*Advisories: AC R010 and AC R010L and students should possess a strong understanding of air conditioning/ refrigeration system operations.	
AC R050L	Energy Auditing Lab	2.0
	* Prerequisites: AC R050	
	*Advisories: AC R010 and AC R010L and students should possess a strong understanding of air conditioning/ refrigeration system operations.	
Total Required Major Units		29.0
Oxnard College General Education Pattern		29.0
Double-Counted Units		0.0
Degree-Applicable Electives (needed to reach 60 units)		2.0
Total Units required for the A.S. Degree		60.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



AIRSIDE SYSTEMS

Proficiency Award

(Awarded By The Department)

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. *For more information contact: Alan Ainsworth (805) 678-5042 aainsworth@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
AC R030	Airside Systems	3.0
AC R030L	Airside Systems Lab	<u>2.0</u>
Total Required Units for the Award		5.0



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 members of 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 interested in learning ASL 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. 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. For more information contact: Emily Zwaal (805) 678-5074. ezwaal@vcccd.edu**

REQUIRED CORE CLASSES		UNITS
ASL R101	American Sign Language 1	4.0
ASL R102	American Sign Language 2	4.0
ASL R103	American Sign Language 3	4.0
ASL R104	American Sign Language 4	4.0
ASL R110	Introduction to Deaf Studies	3.0
Total Required Units for the Certificate		19.0

**Note: Students must begin ASL R101 during Fall semester in order to complete the series and earn the Certificate in four consecutive semesters (unless R103 and R104 move to being offered each semester or ASL R102 is offered during summer). ASL R110 may be taken after ASL R102 is completed (either concurrently with ASL R103 or ASL R104) if offered during both Fall and Spring.*



ANTHROPOLOGY

ASSOCIATE IN ARTS

The Anthropology program at Oxnard College offers lower division courses in biological anthropology, cultural anthropology, linguistics, archaeology and other areas of focus in anthropology, such as gender, prehistory, cultural history and cross cultural communication. Anthropology is an excellent transfer major, as it is the general study of our species, *Homo sapiens*, human beings. These courses are widely accepted at four year institutions for a bachelor's degree in anthropology, as well as for several other 4 year degrees. Anthropology's central questions have to do with where humans came from, how they got where they are today, where they are going, what their nature is and how cultures vary. Anthropology students develop critical thinking skills, communication skills for a global setting, information literacy, ethics and aesthetic awareness, as anthropology is a holistic field. *For more information contact: Dr. Linda LeValley Kama'ila (805) 678-5045 lkamaila@vcccd.edu or Dr. Arion Melidonis (805) 678-5044 amelidonis@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
ANTH R101/H	Introduction to Biological Anthropology/Honors	3.0
ANTH R102/H	Introduction to Cultural Anthropology/Honors	3.0
<i>Plus one of the following:</i>		
ANTH R103	Introduction to Archaeology	3.0
-OR-		
ANTH R115	Introduction to Language and Culture	3.0

Required Additional Courses:		
Complete a minimum of 9 units from the following or any course not selected above:		
ANTH R101L	Introduction to Biological Anthropology Lab <i>* Prerequisites: ANTH R101 or concurrent enrollment</i>	1.0
ANTH R105	Sex, Gender and Culture	3.0
ANTH R106	Psychological Anthropology	3.0
ANTH R107	The Anthropology of Native Americans	3.0
ANTH R110	People of the World: The Cultures of Globalization and Change	3.0
ANTH R111/H	Magic, Witchcraft and Religion: Anthropology of Belief /Honors	3.0
ANTH R113	Ancient Civilizations of the Americas	3.0
ANTH R114	African American Culture and Experience	3.0
ANTH R116	Science, Technology, and Human Values (IDS R102)	3.0
ANTH R118	Introduction to Forensic Science	3.0
ANTH R119	Introduction to Border Studies (BRS R101)	3.0
GLST R101	Introduction to Global Studies	3.0
MATH R105/H	Introductory Statistics /Honors <i>* Prerequisites: MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
PHIL R108	WORLD MYTHOLOGY	3.0
PSY R103	Beginning Statistics for Behavioral Science <i>* Prerequisites: PSY R101 or PSY R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or placement as determined by the college's multiple measures assessment process</i>	3.0
URBS R101	Introduction to Urban Studies	3.0

Total Required Major Units	18-19
Oxnard College General Education	29
Double-Counted Units	-(6-12)
Free Electives Required	19-24
Total Units required for the AA Degree	60

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



ANTHROPOLOGY

ASSOCIATE IN ARTS FOR TRANSFER

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. For more information contact: Dr. Linda LeValley Kama'ila (805) 678-5045 lkamaila@vcccd.edu or Dr. Arion Melidonis (805) 678-5044 amelidonis@vcccd.edu

REQUIRED CORE CLASSES		UNITS
ANTH R101/H	Introduction to Biological Anthropology/Honors	3.0
ANTH R102/H	Introduction to Cultural Anthropology/Honors	3.0
ANTH R103	Introduction to Archaeology	3.0

List A

Select a minimum of **3** units from the following:

*These courses are commonly required as additional courses for a B.A. in Anthropology. CSU Channel Islands, Chico and Long Beach specifically require **ANTH R115** (3-4 Units).*

ANTH R101L	Introduction to Biological Anthropology Lab <i>* Prerequisites: ANTH R101 or concurrent enrollment</i>	1.0
ANTH R115	Introduction to Language and Culture	3.0
MATH R105/H	Introductory Statistics /Honors <i>* Prerequisites: MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
PSY R103	Beginning Statistics for Behavioral Science <i>* Prerequisites: PSY R101 or PSY R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or placement as determined by the college's multiple measures assessment process</i>	3.0
SOC R125	Statistics for the Behavioral and Social Sciences <i>* Prerequisites: MATH R005 or MATH R015 or placement as determined by the college's multiple measures assessment process</i>	3.0

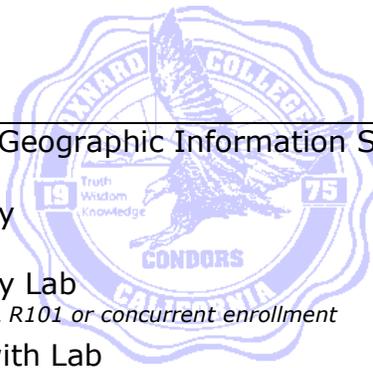
List B

Science and Methods Block: Select **1-2** courses from the following. Students may take any course in List A not already selected above; and/or any combination of coursework from list B (3-4 units)

ANAT R101	General Human Anatomy <i>* Prerequisites: ENGL R097 and BIOL R101 or BIOL R101H and BIOL R101L and MATH R015 or MATH R005 or MATH R014 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	3.0
ANTH R116	Science, Technology, and Human Values (IDS R102)	3.0
SOC R111	Introduction to Social Research <i>* Prerequisites: SOC R101 or SOC R101H</i>	3.0

Continued...

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



GEOG R106	Introduction to Geographic Information Systems and Techniques	3.0
GEOL R101	Physical Geology	3.0
-AND-		
GEOL R101L	Physical Geology Lab <i>* Prerequisites: GEOL R101 or concurrent enrollment</i>	1.0
GEOL R121	Earth Science with Lab	4.0

List C

Cultural Block: Select **one** course from the following. Students may take any course not selected from List A or List B or one of the following (**3** units minimum):

ANTH R105	Sex, Gender and Culture	3.0
ANTH R106	Psychological Anthropology	3.0
ANTH R107	The Anthropology of Native Americans	3.0
ANTH R110	People of the World: The Cultures of Globalization and Change	3.0
ANTH R111/H	Magic, Witchcraft and Religion: Anthropology of Belief /Honors	3.0
ANTH R113	Ancient Civilizations of the Americas	3.0
ANTH R114	African American Culture and Experience	3.0
ANTH R118	Introduction to Forensic Science	3.0
ANTH R119	Introduction to Border Studies (BRS R101)	3.0
CHST R101	Introduction to Chicana/o Studies	3.0
CHST R107	History of Mexicans in the United States	3.0
COMM R113	Intercultural Communication	3.0
GEOG R105	Introduction to Human Geography	3.0
GLST R101	Introduction to Global Studies	3.0
HIST R109	History of Mexico	3.0
PHIL R115/H	Comparative World Religions /Honors <i>* Advisories: ENGL R096</i>	3.0
SOC R101/H	Introduction to Sociology /Honors	3.0
SOC R103	Race and Ethnic Relations	3.0
URBS R101	Introduction to Urban Studies	3.0

Total Required Major Units	18-20
CSU General Education <i>or</i> IGETC Pattern	37-39
Double-Counted Units	-(9-18)
Electives (CSU transferable units needed to reach 60)	12-23
Total Units required for the AA-T Degree	60



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. *For more information contact: Dr. Rainer Mack (805) 678-5181 rmack@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
ART R102	Western Art I: Prehistory through the Middle Age <i>*Advisories: ENGL R101</i>	3.0
ART R103	Western Art II: Renaissance to Contemporary	3.0
ART R106A	Drawing and Composition I	3.0

List A

Select **one** course from the following (3 units)

ART R172	Art of the Ancient Americas	3.0
ART R174	Latin American Art <i>*Advisories: ENGL R101</i>	3.0

List B

Select **one** course from the following (3 units)

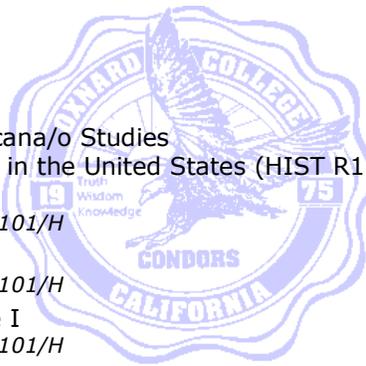
ART R104A	Color and Design: 2-D Foundations	3.0
ART R108A	Beginning Oil Painting <i>*Prerequisites : ART R108A</i>	3.0
ART R110A	Beginning Acrylic Painting	3.0
ART R126A	Life Drawing I <i>*Prerequisites : ART R126A</i>	3.0
ART R155	Beginning Sculpture	3.0
ART R160	Introduction to Digital Photography (FTVE R160)	3.0
ART R175	Introduction to Digital Art	3.0
ART R180	3-D Foundations	3.0

List C

Select **one** course from the following or any course not selected from List A or List B (3 units)

ART R171	Survey of Modern Art	3.0
FTVE R107	History of Film	3.0
MUS R116	History of Rock Music	3.0
ANTH R102/H	Introduction to Cultural Anthropology/Honors	3.0
ANTH R103	Introduction to Archaeology	3.0
ANTH R105	Sex, Gender and Culture	3.0
ANTH R107	The Anthropology of Native Americans	3.0
ANTH R110	People of the World: The Cultures of Globalization and Change	3.0
ANTH R113	Ancient Civilizations of the Americas	3.0
ANTH R114	African American Culture and Experience	3.0
ANTH R115	Introduction to Language and Culture	3.0

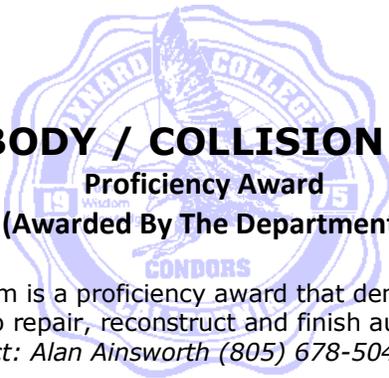
★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



CHST R101	Introduction to Chicana/o Studies	3.0
CHST R107	History of Mexicans in the United States (HIST R107)	3.0
ENGL R104	English Literature I <i>Prerequisites: ENGL R101/H</i>	3.0
ENGL R105	English Literature I <i>Prerequisites: ENGL R101/H</i>	3.0
ENGL R107	American Literature I <i>Prerequisites: ENGL R101/H</i>	3.0
ENGL R108	American Literature II <i>Prerequisites: ENGL R101/H</i>	3.0
ENGL R111	Shakespeare <i>Prerequisites: ENGL R101/H</i>	3.0
ENGL R112	Literature by Women <i>Prerequisites: ENGL R101/H</i>	3.0
ENGL R124	Introduction to LGBTIQ Literature <i>Prerequisites: ENGL R101/H</i>	3.0
GLST R101	Introduction to Global Studies	3.0
HIST R104	History of California	3.0
HIST R107	History of Mexicans (CHST R107)	3.0
HIST R108	African-American History	3.0
HIST R109	History of Mexico	3.0
HIST R110	History of the Middle East	3.0
HIST R117	History of American Women	3.0
HIST R122	History of Asia	3.0
HIST R126	History of Latin America	3.0
HIST R130/H	History of the United States I/Honors	3.0
HIST R140/H	History of the United States II/Honors	3.0
HIST R150/H	World History I /Honors	3.0
HIST R160/H	World History II /Honors	3.0
PHIL R101/H	Introduction to Philosophy /Honors	3.0
PHIL R103	Survey of World Religions: East	3.0
PHIL R104	Survey of World Religions: West	3.0
PHIL R105	History of Ancient and Medieval Philosophy	3.0
PHIL R106	History of Modern Philosophy	3.0
PHIL R108	World Mythology	3.0
PHIL R115/H	Comparative World Religions/Honors <i>Advisories: ENGL R096</i>	3.0
SPAN R101	Elementary Spanish 1	5.0
SPAN R102	Elementary Spanish 2 <i>Prerequisites: SPAN R101 or placement as determined by the college's multiple measures assessment process</i>	5.0
SPAN R103	Intermediate Spanish 1 <i>Prerequisites: SPAN R102</i>	5.0
SPAN R104	Intermediate Spanish 2 <i>Prerequisites: SPAN R103</i>	5.0
SPAN R140	Spanish for Heritage Speakers 1 <i>Advisories: SPAN R102</i>	5.0
SPAN R141	Spanish for Heritage Speakers 2 <i>Prerequisites: SPAN R140</i>	5.0
URBS R101	Introduction to Urban Studies	3.0

Total Required Major Units	18-20
CSU General Education <i>or</i> IGETC Pattern	37-39
Double-Counted Units	-(9-12)
Electives (CSU transferable units needed to reach 60)	10-17
Total Units required for the AA-T Degree	60

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



AUTO BODY / COLLISION REPAIR

Proficiency Award

(Awarded By The Department)

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. *For more information contact: Alan Ainsworth (805) 678-5042 aainsworth@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
AB R001	Introduction to Automotive - Body and Fender Repair	4.0
AB R002	Intermediate Auto Body and Fender Repair	4.0
	<i>Prerequisites: AB R001</i>	
Total Required Units for the Award		8.0



**AUTO BODY PAINTING
AND REFINISHING**
Proficiency Award
(Awarded By The Department)

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. *For more information contact: Jose Ortega (805) 678-5047 jortega@vccd.edu*

REQUIRED CORE CLASSES		UNITS
AB R005A	Auto Body Painting and Refinishing I	2.0
AB R005B	Auto Body Painting and Refinishing II <i>Prerequisites: AB R005A</i>	4.0
Total Required Units for the Award		6.0



AUTOMOTIVE TECHNOLOGY Associate In Science Degree

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.. *For more information contact: Kevin Corse (805) 678-5220*
kevin_corse1@vcccd.edu

REQUIRED CORE CLASSES		UNITS
AT R110	Introduction to Automotive Technology	6.0
AT R115	Automotive Electrical Systems	6.0
AT R113	Automotive Engine Performance <i>Advisories: AT R110</i>	6.0
AT R140	Automotive Steering and Suspension <i>Advisories: AT R110 and AT R115 or concurrent enrollment</i>	6.0
AT R116	Advanced Electrical Systems <i>Prerequisites: AT R115</i> <i>Advisories: AT R110</i>	3.0
AT R150	Automotive Braking Systems <i>Advisories: AT R110 and AT R115 or concurrent enrollment</i>	6.0
Total Required Major Units		33.0
Oxnard College General Education Pattern		29.0
Double-Counted Units		0.0
Free Electives Required		0.0
Total Units required for the A.S. Degree		62.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



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. *For more information contact: Kevin Corse (805) 678-5220 kevin_corse1@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
AT R110	Introduction to Automotive Technology	6.0
AT R115	Automotive Electrical Systems	6.0
AT R113	Automotive Engine Performance <i>Advisories: AT R110</i>	6.0
AT R140	Automotive Steering and Suspension <i>Advisories: AT R110 and AT R115 or concurrent enrollment</i>	6.0
AT R116	Advanced Electrical Systems <i>Prerequisites: AT R115</i> <i>Advisories: AT R110</i>	3.0
AT R150	Automotive Braking Systems <i>Advisories: AT R110 and AT R115 or concurrent enrollment</i>	6.0
Total Required Major Units		33.0



AUTOMOTIVE GRAPHICS

Proficiency Award
(Awarded By The Department)

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. For more information contact: Jose Ortega (805) 678-5047 jortega@vccd.edu

REQUIRED CORE CLASSES		UNITS
AB R007A	Automotive Graphics	2.0
AB R007B	Advanced Automotive Graphics <i>Prerequisites: AB R007A</i>	2.0
Total Required Units for the Award		4.0



BAKING & PATISSERIE

Proficiency Award

(Awarded By The Department)

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 "green," and meet the across-the-board need being driven by major hotel and restaurant chains as well as privately owned hotels, clubs, and restaurants. 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. *For more information contact: Adam Hart (805) 678-5267 ahart@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
CRM R103A	Introduction to Baking Techniques <i>Prerequisites: CRM R102A</i>	6.0
CRM R103B	Advanced Pastry <i>Prerequisites: CRM R103A</i>	3.5
CRM R104	Sanitation and Environmental Control	3.0
Total Required Units for the Award		12.5



BIOLOGY

ASSOCIATE IN SCIENCE FOR TRANSFER

The Associate in Science in Biology for Transfer (Biology AST) 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 adegreewithaguarantee.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. See page 70 for more information. For more information contact: Dr. Michael Nicholson (805) 678-5197 mnicholson@vcccd.edu.

REQUIRED CORE CLASSES		UNITS
BIOL R120	Principles of Biology I <i>Prerequisites: CHEM R120 and MATH R005 or MATH R015 or placement based on multiple measurements assessments</i> <i>Advisories: ENGL R097 or ENGL R100 or ENGL R101</i>	4.0
BIOL R120L	Principles of Biology I Lab <i>Prerequisites: BIOL R120 or concurrent enrollment</i>	1.0
BIOL R122	Principles of Biology II <i>Prerequisites: BIOL R120 and BIOL R120L and ENGL R100 or ENGL R101 or ENGL R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or placement as determined by the college's multiple measures assessment process</i>	4.0
BIOL R122L	Principles of Biology II Lab <i>Prerequisites: BIOL R120 and BIOL R120L and BIOL R122 or concurrent enrollment</i>	1.0

List A (15.0 units)

CHEM R120	General Chemistry I <i>Prerequisites: CHEM R110 and MATH R015 or MATH R005 or MATH R014 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	5.0
CHEM R122	General Chemistry II <i>Prerequisites: CHEM R120</i>	5.0
MATH R120	Calculus with Analytic Geometry I <i>Prerequisites: MATH R115 and MATH R116 or MATH R117 or placement as determined by the college's multiple measures assessment process</i>	5.0

Select one Physics Sequence (10 Units)

Sequence 1:

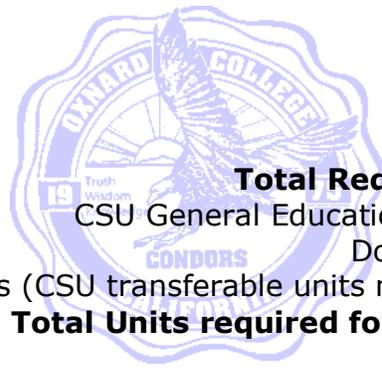
PHYS R101	College Physics 1 <i>Prerequisites: MATH R116</i>	4.0
PHYS R101L	College Physics 1 Laboratory <i>Prerequisites: PHYS R101 or concurrent enrollment</i>	1.0
PHYS R102	College Physics 2 <i>Prerequisites: PHYS R101</i>	4.0
PHYS R102L	College Physics 2 Laboratory <i>Prerequisites: PHYS R102 or concurrent enrollment</i>	1.0

-OR-

Sequence 2:

PHYS R131	Physics for Scientists and Engineers 1 <i>Prerequisites: MATH R120</i>	5.0
PHYS R132	Physics for Scientists and Engineers 2 <i>Prerequisites: MATH R121 and PHYS R131</i>	5.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



Total Required Major Units	35
CSU General Education <i>or</i> IGETC Pattern	31-33
Double-Counted Units	-(7-9)
Electives (CSU transferable units needed to reach 60)	1.0
Total Units required for the AS-T Degree	60



BUSINESS ADMINISTRATION

ASSOCIATE IN SCIENCE FOR TRANSFER

The Business program offers a variety of courses in business leading to the degrees of Associate in Arts and Science and Certificates in Business and Business Management. In addition to the major coursework, which emphasizes business and accounting practices, the business program combines studies in computer information systems and meets the needs of students targeting careers that meld knowledge of business and information systems. *For more information contact: Timothy Fontenette (805) 678-5266*
tfotenette@vccd.edu

REQUIRED CORE CLASSES		UNITS
ACCT R101/H	Financial Accounting/ Honors <i>Advisories: BUS R001</i>	3.0
ACCT R102	Managerial Accounting <i>Prerequisites: ACCT R101/H</i>	3.0
BUS R111	Business Law	3.0
ECON R101/H	Introduction to the Principles of Macroeconomics/ Honors <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i>	3.0
ECON R102/H	Introduction to the Principles of Microeconomics/ Honors <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i>	3.0

List A (4 units)		
Select one of the following courses:		
MATH R105/H	Introductory Statistics <i>Prerequisites: MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
MATH R106	Business Calculus <i>Prerequisites: MATH R014 or MATH R014B or MATH R015 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0

List B		
Select 2 courses with no more than one course from each Category (6-7 units)		
Category 1 Mathematics		
	Any course from List A not already chosen	4.0
Category 2 Business		
BUS R120	Introduction to Business	3.0
BUS R140	Business Communication <i>Prerequisites: ENGL R101</i>	3.0
Category 3 Business Information Systems		
CAOT R122	Microsoft Office <i>Advisories: CIS R020A</i>	3.0
CIS R100	Introduction to Computer Information Systems <i>Advisories: CIS R020A</i>	3.0

Total Required Major Units	25-26
CSU General Education <i>or</i> IGETC Pattern	38-41
Double-Counted Units	-(9)
Electives (CSU transferable units needed to reach 60)	2-6
Total Units required for the AS-T Degree	60

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



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. For further information visit: <http://ict-dm.net/biw-landing/category/south-central>. 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. For more information contact: Mary Pinto-Casillas (805) 678-5097 mpintocasillas@vcccd.edu or Alex Lynch (806) 678-5061 alynch@vcccd.edu

REQUIRED CORE CLASSES		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 <i>Advisories: CAOT R801</i>	50
CAOT R806	MS Excel <i>Advisories: CAOT R801</i>	50
CAOT R807	MS PowerPoint	32
Total Required Hours		345



BUSINESS MANAGEMENT

Associate In Science Degree Certificate of Achievement

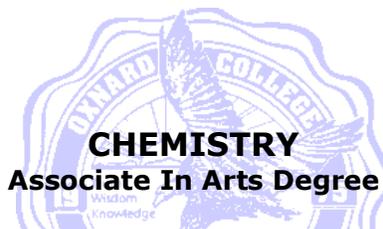
This program will prepare students to compete for management positions within an organization. These positions would include responsibilities for formulating and implementing policies, employee relations, long-range planning, and overseeing the work of other levels within the organization. Through coursework 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 partner with prospective peers to complete presentations on subjects such as consumer behavior, globalization, human capital and organizational culture. For more information contact: Timothy Fontenette (805) 678-5266 tfotenette@vcccd.edu

REQUIRED CORE CLASSES		UNITS
ACCT R101/H	Financial Accounting/Honors <i>Advisories: BUS R001</i>	3.0
BUS R100	Introduction to Entrepreneurship	1.0
BUS R103	Business Mathematics <i>Advisories: MATH R002 or MATH R011</i>	3.0
BUS R111	Business Law	3.0
BUS R120	Introduction to Business	3.0
BUS R121	Introduction to Management	3.0
BUS R122	Human Resource Management	3.0
BUS R140	Business Communications <i>Prerequisites: ENGL R101</i> <i>Advisories: Word-processing skills</i>	3.0

Complete a minimum of 6 units from the following courses:		
BUS R124	Organizational Behavior	3.0
BUS R125	Personal Finance	3.0
BUS R134	Marketing for Small Business	2.0
BUS R135	Social Media Marketing	1.5
CIS R100	Introduction to Computer Information Systems <i>Advisories: CIS R020A</i>	3.0
COMM R101	Introduction to Oral Communication <i>Advisories: ENGL R101</i>	3.0
ECON R101	Introduction to the Principles of Macroeconomics <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i>	3.0
ECON R102	Introduction to the Principles of Microeconomics <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i>	3.0

Total Required Major Units	28.0
Oxnard College General Education Pattern	29.0
Double-Counted Units	-(0-3)
Free Electives Required	3-6
Total Units required for the A.S. Degree	60.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



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 requirements for the A.A. degree in Chemistry are satisfactory completion of a minimum of 60 semester units of which 30 semester units must be the required major courses shown below. The additional minimum of 30 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 primarily for students who wish to transfer to CSUCI into the B.A. program in Chemistry, B.S. program in Chemistry or B.S. program in Chemistry with a Biochemistry option. For more information contact: Yong Ma (805) 678-5053 yma@vcccd.edu or Dr. Anna Toy-Palmer (805) 678-5205 atoypalmer@vcccd.edu

REQUIRED CORE CLASSES		UNITS
CHEM R120	General Chemistry I <i>Prerequisites: CHEM R110 and MATH R015 or MATH R005 or MATH R014 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	5.0
CHEM R122	General Chemistry II <i>Prerequisites: CHEM R120</i>	5.0
MATH R120	Calculus with Analytic Geometry I <i>Prerequisites: MATH R115 and MATH R116 or MATH R117 or placement as determined by the college's multiple measures assessment process</i>	5.0

REQUIRED ADDITIONAL COURSES (5 units)		
Complete a minimum of 5 units from the Following		
CHEM R130	Organic Chemistry I <i>Prerequisites: CHEM R122</i>	5.0
CHEM R112	Elementary Organic and Biological Chemistry <i>Prerequisites: CHEM R110 or CHEM R120</i>	5.0

Complete a minimum of 10 units from the following sequences:

}	PHYS R121	Physics with Calculus 1 <i>Prerequisites: MATH R120</i>	5.0
	PHYS R122	Physics with Calculus 2 <i>Prerequisites: MATH R121 and PHYS R121</i>	5.0
-OR-			
}	PHYS R101	College Physics 1 <i>Prerequisites: MATH R116</i>	4.0
	PHYS R101L	College Physics 1 Laboratory <i>Prerequisites: PHYS R101 or concurrent enrollment</i>	1.0
	PHYS R102	College Physics 2 <i>Prerequisites: PHYS R101</i>	4.0
	PHYS R102L	College Physics 2 Laboratory <i>Prerequisites: PHYS R102 or concurrent enrollment</i>	1.0

Total Required Major Units	30.0
Oxnard College General Education Pattern	29.0
Double-Counted Units	-(6.0)
Degree-Applicable Electives (needed to reach 60 units)	7.0
Total Units required for the A.A. Degree	60.0

***Transfer notes: If students plan to transfer to California State University Channel Islands 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. **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.**

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



CHILD AND ADOLESCENT DEVELOPMENT ASSOCIATE IN ARTS FOR TRANSFER

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, socioemotional, 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. *For more information contact: Liberal Studies Division Office (805) 678-5804.*

REQUIRED CORE CLASSES		UNITS
ECE R102	Child Growth and Development	3.0
PSY R101	General Psychology	3.0
Statistics: Select one course		
MATH R105	Introductory Statistics <i>Prerequisites: MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
PSY R103	Beginning Statistics for Behavioral Science <i>Prerequisites: PSY R101 or PSY R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or placement as determined by the college's multiple measures assessment process</i>	3.0
SOC R125	Statistics for Behavioral and Social Sciences <i>Prerequisites: MATH R005 or MATH R015 or placement as determined by the college's multiple measures assessment process</i>	3.0
Select 3 courses from the following 3 Groups (9 units)		
Group 1: Select one course (3 units)		
ANTH R102	Introduction to Cultural Anthropology	3.0
ECE R106	Child, Family and Community	3.0
SOC R101	Introduction to Sociology	3.0
SOC R106	Contemporary Family in American Society	3.0
Group 2: Select up to 2 courses (0-6 units)		
BIOL R101	General Biology <i>Advisories: Concurrent enrollment in BIOL R101L and completion of ENGL R095 and ENGL R097 or ENGL R100 or ENGL R101 or ENGL R101H</i>	3.0
PSY R108	Developmental Psychology	3.0
Group 3: Select up to 2 courses (0-6 units)		
COMM R101	Introduction to Oral Communication	3.0
COMM R110	Small Group Communication	3.0
ECE R103	Programs for Young Children	3.0
ECE R107	Teaching in a Diverse Society	3.0
ECE R111	Observation and Assessment <i>Prerequisites: ECE R100 and ECE R102</i> <i>Advisories: Fingerprint clearance</i> <i>Limitations: Proof of two measles, mumps, rubella vaccines, or a blood test for measles immunity. If not immune, must receive one MMR vaccine. Proof of one Tdap in the last 10 years. Flu vaccine for the current year. Tuberculosis clearance within the last year (PPD or Quantiferon or chest x-ray).</i>	3.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



ECE R112	Practicum in Early Childhood Education <i>Prerequisites: ECE R102 and ECE R106 and ECE R111</i> <i>Advisories: Fingerprint clearance</i> <i>Limitations: A negative TB test or X-ray is required</i>	3.0
ECE R113	Programs for Infants and Toddlers <i>Prerequisites: ECE R102</i>	3.0
ECE R129	Child Nutrition, Health and Safety	3.0
GEOG R101	Elements of Physical Geography	3.0
GEOG R102	World Regional Geography	3.0
GEOG R105	Introduction to Human Geography	3.0
MATH R102	Mathematics for Elementary School Teachers <i>Prerequisites: MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
POLS R101	Government of the United States I: Institutions and Politics	3.0

Total Required Major Units	18-20
CSU General Education <i>or</i> IGETC Pattern	37-39
Double-Counted Units	-(12-18)
Electives (CSU transferable units needed to reach 60)	15-23
Total Units required for the AA-T Degree	60



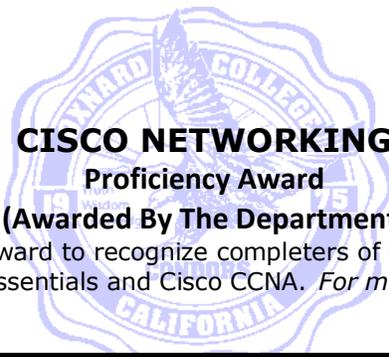
CHILD DEVELOPMENT EARLY CHILDHOOD EDUCATION SITE SUPERVISOR

Proficiency Award

(Awarded By The Department)

This proficiency award is designed for students who have completed the AS-T transfer degree in Early Childhood Education and who desire to apply for a Site Supervisor permit. The earned AS-T in Early Childhood Education will serve as a prerequisite for this proficiency award. The Site Supervisor permit authorizes the holder to supervise a child care and development program operating at a single site, provide service in the care, development, and instruction of children in a child care and development program, and serve as a coordinator of curriculum and staff development. *For more information, contact: Patricia Mendez (805) 678-5054 pmendez@vcccd.edu*

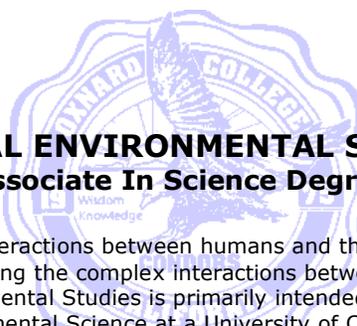
REQUIRED CORE CLASSES		UNITS
ECE R115	Administration I: Programs in Early Childhood Education <i>Prerequisites: ECE R103</i>	3.0
ECE R116	Administration II: Personnel and Leadership in Early Childhood Education <i>Prerequisites: ECE R115</i>	3.0
ECE R117	Adult Supervision/Mentor Teacher <i>Prerequisites: ECE R112</i>	2.0
Total Required Units for the Award		8.0



CISCO NETWORKING
Proficiency Award
(Awarded By The Department)

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. *For more information contact: Alex Lynch (805) 678-5061 alynch@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
CNIT R101	IT Essentials	3.0
CNIT R120	Cisco CCNA Computer Networking I	4.0
CNIT R121	Cisco CCNA Computer Networking II	4.0
	<i>Prerequisites: CNIT R120</i>	
Total Required Units for the Award		11.0

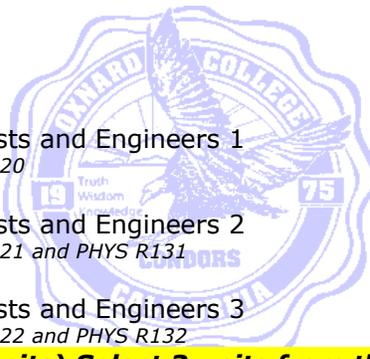


COASTAL ENVIRONMENTAL STUDIES Associate In Science Degree

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. *For more information contact: Jim Danza (805) 678-5209 jdanza@vcccd.edu or Dr. Shannon Newby (805) 678-5050 snewby@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
Life Science Requirements (8 - 10 units) Complete both Biology courses. Most transfer institutions also require the laboratory courses as part of the degree.		
BIOL R120	Principles of Biology I <i>Prerequisites: CHEM R120 and MATH R005 or MATH R015 or placement based on multiple measurements assessments</i> <i>Advisories: ENGL R097 or ENGL R100 or ENGL R101</i>	4.0
BIOL R120L	Principles of Biology I Lab: Intro to Cellular and <i>Prerequisites: BIOL R120 or concurrent enrollment</i>	1.0
BIOL R122	Principles of Biology II <i>Prerequisites: BIOL R120 and BIOL R120L and ENGL R100 or ENGL R101 or ENGL R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or placement as determined by the college's multiple measures assessment process</i>	4.0
BIOL R122L	Principles of Biology II Lab <i>Prerequisites: BIOL R120 and BIOL R120L and BIOL R122 or concurrent enrollment</i>	1.0
Chemistry Requirements (10 units) Complete both Chemistry courses. Please note that some transfer institutions also require the organic chemistry series.		
CHEM R120	General Chemistry I <i>Prerequisites: CHEM R110 and MATH R015 or MATH R005 or MATH R014 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	5.0
CHEM R122	General Chemistry II <i>Prerequisites: CHEM R120</i>	5.0
Earth Science Requirements (3 - 4 units) Complete the Physical Geology lecture course. If required by the intended transfer institution, complete the Geology lab.		
GEOL R101	Physical Geology	3.0
GEOL R101L	Physical Geology Lab <i>Prerequisites: GEOL R101 or concurrent enrollment</i>	1.0
Economics Requirements (3 units) Choose the appropriate Economics course. Some transfer institutions require both ECON R101 and ECON R102.		
ECON R101/H	Introduction to the Principles of Macroeconomics/ Honors <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i>	3.0
ECON R102/H	Introduction to the Principles of Microeconomics/ Honors <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i>	3.0
Math Requirements (10 units) 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 <i>Prerequisites: MATH R115 and MATH R116 or MATH R117 or placement as determined by the college's multiple measures assessment process</i>	5.0
-AND-		
MATH R121	Calculus with Analytic Geometry II <i>Prerequisites: MATH R120</i>	5.0
Physics Requirements (10 - 15 units) Complete one PHYS series:		
PHYS R121	Physics with Calculus 1 <i>Prerequisites: MATH R120</i>	5.0
-AND-		
PHYS R122	Physics with Calculus 2 <i>Prerequisites: MATH R121 and PHYS R121</i>	5.0
-OR-		

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



PHYS R131	Physics for Scientists and Engineers 1 <i>Prerequisites: MATH R120</i>	5.0
-AND-		
PHYS R132	Physics for Scientists and Engineers 2 <i>Prerequisites: MATH R121 and PHYS R131</i>	5.0
-AND-		
PHYS R133	Physics for Scientists and Engineers 3 <i>Prerequisites: MATH R122 and PHYS R132</i>	5.0

Social Science Requirements (3 units) 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/H	Introduction to Cultural Anthropology/ Honors	3.0
PHIL R102/H	Introduction to Ethics/ Honors	3.0
POLS R100	Introduction to Politics	3.0
POLS R104	Introduction to International Relations	3.0
SOC R101/H	Introduction to Sociology/ Honors	3.0
SOC R102	Social Problems	3.0

Coastal Studies Electives (3 units) 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 <i>Advisories: ENGL R101 or ENGL R101H</i>	3.0
ESRM R100L	Introduction to Environmental Science Lab <i>Prerequisites: ESRM R100 or concurrent enrollment</i>	1.0
BIOL R100	Marine Biology (MST R100) <i>Advisories: ENGL R095 and ENGL R097 or ENGL R100 or ENGL R101 and MATH R001 or equivalent placement based on multiple measurements assessment procedures</i>	3.0
BIOL R100L	Marine Biology Laboratory (MST R100L) <i>Prerequisites: BIOL R100 or concurrent enrollment</i> <i>Advisories: ENGL R095 and ENGL R097 or ENGL R100 or ENGL R101 and MATH R001 or equivalent placement based on multiple measurements assessment procedures</i>	1.0
BIOL R170	Biological Marine Resource Management (MST R170) <i>Corequisites: GEOL R178 (same as MST R178)</i>	1.0
GEOL R103	Introduction to Oceanography (MST R103)	3.0
GEOL R103L	Introduction to Oceanography Lab (MST R103L) <i>Prerequisites: GEOL R103 (MST R103) or concurrent enrollment</i>	1.0
GEOL R178	Geological Marine Resource Management (MST R178) <i>Corequisites: BIOL R170 (MST R170)</i>	1.0
MST R199	Directed Studies in Marine- Related Topics <i>Prerequisites: BIOL R100 and BIOL R100L or BIOL R101 or BIOL R101H and BIOL R101L or BIOL R120 and BIOL R120L or PHSO R101 or MICR R100 and MICR R100L or MST R100 and MST R100L</i>	1-3

Total Required Major Units	50-58
Oxnard College General Education Pattern	29.0
Double-Counted Units	-(12.0)
Free Electives Required	0.0
Total Units required for the A.S. Degree	67-75

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



COMMUNICATION STUDIES

ASSOCIATE IN ARTS FOR TRANSFER

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. *For more information contact: Dr. Amy Edwards (805) 678-5102 aedwards@vcccd.edu*

REQUIRED CORE CLASSES	UNITS
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COMM R101 Introduction to Oral Communication <i>Advisories: ENGL R101</i>	3.0
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List A

Select two of the following courses (6 units):

COMM R107 Argumentation and Debate	3.0
COMM R110 Small Group Communication	3.0
COMM R111 Interpersonal Communication	3.0

List B

Select two of the following courses (6 units): Any course from list A not selected above

COMM R102 Introduction to Communication Studies	3.0
COMM R113 Intercultural Communication	3.0
FTVE R100 Introduction to Electronic Media	3.0

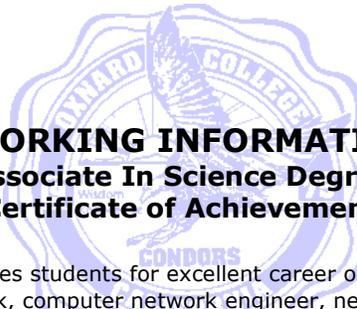
List C

Select one of the following courses (3-4 units): Any course from List B not selected above

ANTH R102/H Introduction to Cultural Anthropology/ Honors	3.0
COMM R114 Introduction to Communication Research <i>Advisories: COMM R101</i>	3.0
ENGL R102/H Critical Thinking through Composition and Literature/ Honors <i>Prerequisites: ENGL R101 or ENGL R101H</i>	4.0
ENGL R128 Advanced Composition and Critical Thinking Through Non-Fiction <i>Prerequisites: ENGL R101 or ENGL R101H</i>	3.0

Total Required Major Units	18-19
CSU General Education <i>or</i> IGETC Pattern	39
Double-Counted Units	-(9-18)
Electives (CSU transferable units needed to reach 60)	12-21
Total Units required for the AA-T Degree	60

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



COMPUTER NETWORKING INFORMATION TECHNOLOGY

Associate In Science Degree Certificate of Achievement

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. For more information contact: Alex Lynch (805) 678-5061 alynch@vcccd.edu

REQUIRED CORE CLASSES		UNITS
CNIT R101	IT Essentials	3.0
CNIT R120	Cisco CCNA Computer Networking I	4.0
CNIT R121	Cisco CCNA Computer Networking II <i>Prerequisites: CNIT R120</i>	4.0
CNIT R130	Administer Microsoft Windows Operating System <i>Advisories: CNIT R101</i>	3.0
CNIT R145	CompTIA Security+ IT Security & Certification Preparation	3.0
CNIT R151	Cloud Computing and Virtualization <i>Advisories: CNIT R101 or CNIT R120 or CNIT R142</i>	4.0

Required additional courses

Complete a minimum of 9 units from the following courses:

CNIT R127	Wireless Networking Fundamentals	3.0
CNIT R131	Administer Microsoft Windows Server <i>Advisories: CNIT R130</i>	3.0
CNIT R142	CompTIA A+ Technician and Certification Prep	4.0
CNIT R143	CompTIA Linux+ Fundamentals and Certification Preparation	3.0
CNIT R144	CompTIA Network+ Fundamentals and Certification Prep	4.0
CNIT R146	Cybersecurity: CompTIA PenTest+ <i>Advisories: CNIT R145</i>	3.0
CNIT R161	Programming Essentials in Python	3.0

Students may take a maximum of 4 units from the following:

COT R191V	Occupational Cooperative Unpaid Work Experience <i>Prerequisites: Completion of or concurrent enrollment in one other course</i>	1-4
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-OR-

COR R191V	Occupational Cooperative Paid Work Experience <i>Prerequisites: Completion of or concurrent enrollment in one other course</i>	1-4
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Total Required Major Units	30-34
Oxnard College General Education Pattern	29.0
Double-Counted Units	0.0
Free Electives Required	0-1
Total Units required for the A.S. Degree	60-63

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



CUINARY ARTS
Associate In Science Degree
Certificate of Achievement

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 "green," and meet the across-the-board need being driven by major hotel and restaurant chains as well as privately owned hotels, clubs, and restaurants. This program 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. *For more information contact: Adam Hart (805) 678-5267 ahart@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
CRM R100	Principles of the Hospitality Industry	3.0
CRM R101	Culinary Foundations	1.0
CRM R102A	Institutional Food Production <i>Prerequisites: CRM R104</i>	7.0
CRM R102B	Institutional Food Production Management <i>Prerequisites: CRM R102A</i>	4.0
CRM R102C	Catering Techniques <i>Prerequisites: CRM R102A</i>	3.0
CRM R103A	Introduction to Baking Techniques <i>Prerequisites: CRM R102A</i>	6.0
CRM R104	Sanitation and Environmental Control	3.0
CRM R105	Gourmet Restaurant Service <i>Prerequisites: CRM R102B</i>	4.0
CRM R106	Nutrition in Food Service	3.0
CRM R107	Dining Room Service <i>Prerequisites: CRM R100 and CRM R104</i>	2.5
-AND-		
COT R190V	Occupational Cooperative Unpaid Work Experience	1-4
-OR-		
COT R191V	Occupational Cooperative Paid Work Experience	1-4
Total Required Major Units		37.5-40.5
Oxnard College General Education Pattern		29.0
Double-Counted Units		0.0
Free Electives Required		0.0
Total Units required for the A.S. Degree		66.5-69.5

*****For many classes a negative TB test is required – Check the OC catalog for more information**

★General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern



CYBERSECURITY

Proficiency Award
(Awarded By The Department)

This award recognizes proficiency in cybersecurity including vulnerability testing, penetration testing, attack toolkits, cybersecurity defense, cybersecurity offense, and writing reports summarizing vulnerabilities and how to mitigate weaknesses. *For more information contact: Alex Lynch (805) 678-5061 alynch@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
CNIT R145	CompTIA Security+ IT Security & Certification Preparation	3.0
CNIT R146	Cybersecurity: CompTIA PenTest+ <i>*Advisories: CNIT R145</i>	3.0
Total Required Units for Award		6.0



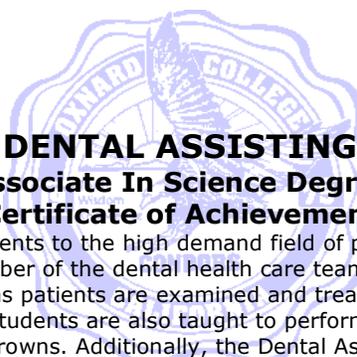
DEAF STUDIES

Associate in Science Degree

The Associate in Arts in Deaf Studies degree 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 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 enrolled in other majors who are interested in learning ASL for practical purposes, a separate Certificate of Achievement in American Sign Language is offered for which only the core coursework is required. For more information contact: Emily Zwaal (805) 678-5074 ezwaal@vcccd.edu .

REQUIRED CORE CLASSES		UNITS
ASL R101	American Sign Language 1	4.0
ASL R102	American Sign Language 2	4.0
ASL R103	American Sign Language 3	4.0
ASL R104	American Sign Language 4	4.0
ASL R110	Introduction to Deaf Studies	3.0
Total Required Major Units		19.0
General Education: Students will be allowed to choose the General Education pattern that best aligns with their educational goals from those offered by Oxnard College. These patterns are: the OC General Education pattern, CSU GE-Breadth , or IGETC . Students who select CSU GE-Breadth or IGETC must also complete local graduation requirements in Health and PE.	Total Required Major Units	19
	Oxnard College General Education	29
	Double-Counted Units	-(6)
	Free Electives Required	18
	Total Units Required For the A.A. Degree	60
	OR	
	Total Required Major Units	19
	CSU GE-Breadth	39
	Health	3
	Physical Education	1
Double-counted Units	-(6)	
Free Electives Required	4	
Total Units Required For the A.A. Degree	60	
OR		
Total Required Major Units	19	
IGETC	37	
Health	3	
Physical Education	1	
Double-counted Units	-(6)	
Free Electives Required	6	
Total Units Required For the A.A. Degree	60	

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



DENTAL ASSISTING

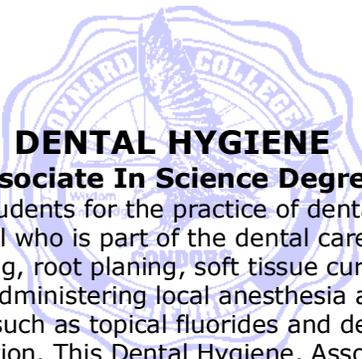
Associate In Science Degree Certificate of Achievement

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 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 fully-equipped, on-site facility. *For more information contact: Dental Assisting Program (805) 678-5823 Armine Derdarian, DDS – Coordinator*

REQUIRED CORE CLASSES		UNITS
DA R010	Introduction to Dental Assisting <i>Advisories: High School Diploma or GED and ENGL R101 or ENGL R101H</i>	3.0
DA R011	Beginning Radiology for Dental Assisting <i>Advisories: High school diploma or GED, And ENGL R101 or ENGL R101H</i>	3.0
DA R012	Dental Materials for Dental Assisting <i>Advisories: High school diploma or GED, And ENGL R101 or ENGL R101H</i>	3.0
DA R013	Occupational Health for Dental Assisting <i>Advisories: High school diploma or GED, And ENGL R101 or ENGL R101H</i>	1.0
DA R014	Introduction to Chairside Dental Assisting <i>Advisories: High school diploma or GED, And ENGL R101 or ENGL R101H</i>	2.0
DA R015	Dental Specialties for Dental Assisting <i>Advisories: High school diploma or GED, And ENGL R101 or ENGL R101H</i>	2.0
DA R020	Advanced Dental Assisting <i>Prerequisites: DA R010 and DA R011 and DA R012 and DA R013 and DA R014 and DA R015</i> <i>Advisories: High school diploma or GED, And ENGL R101 or ENGL R101H</i>	2.0
DA R021	Practice Management for Dental Assisting <i>Prerequisites: DA R010 and DA R011 and DA R012 and DA R013 and DA R014 and DA R015</i> <i>Advisories: High school diploma or GED, And ENGL R101 or ENGL R101H</i>	3.0
DA R022	Clinical Dental Assisting Experiences <i>Prerequisites: DA R010 and DA R011 and DA R012 and DA R013 and DA R014 and DA R015</i> <i>Advisories: High school diploma or GED, And ENGL R101 or ENGL R101H</i>	3.0
DA R023	Ethics and Jurisprudence for Dental Assisting <i>Prerequisites: DA R010 and DA R011 and DA R012 and DA R013 and DA R014 and DA R015</i> <i>Advisories: High school diploma or GED, And ENGL R101 or ENGL R101H</i>	1.0
DA R024	Dental Assisting Seminar <i>Prerequisites: DA R010 and DA R011 and DA R012 and DA R013 and DA R014 and DA R015</i> <i>Advisories: High school diploma or GED, And ENGL R101 or ENGL R101H</i>	2.0
DA R025	Dental Assisting Health Education <i>Prerequisites: DA R010 and DA R011 and DA R012 and DA R013 and DA R014 and DA R015</i> <i>Advisories: High school diploma or GED, And ENGL R101 or ENGL R101H</i>	2.0

Total Required Major Units	27.0
Oxnard College General Education Pattern	29.0
Double-Counted Units	0.0
Free Electives Required	4.0
Total Units required for the A.S. Degree	60.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



DENTAL HYGIENE Associate In Science Degree

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. This Dental Hygiene, Associate of Science Degree Program offers academic and clinical skills curriculum within an on campus clinic. The student is prepared for the National Board written examination and the State practical examination for licensure as a Registered Dental Hygienist. *For more information contact: Dental Hygiene Program (805) 678-5823 Armine Derdarian, DDS – Coordinator*

DENTAL HYGIENE PROGRAM RECOMMENDATION		UNITS
CIS R020A	Introduction to Microcomputers (or equivalent)	3.0

DENTAL HYGIENE PRGRAM **PREREQUISITE** COURSES

ANAT R101	General Human Anatomy <i>Prerequisites: ENGL R097 and BIOL R101or BIOL R101H and BIOL R101L and MATH R015 or MATH R005 or MATH R014 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
BIOL R101/H	General Biology/Honors (or equivalent) <i>Advisories: Concurrent enrollment in BIOL R101L and completion of ENGL R095 and ENGL R097 or ENGL R100 or ENGL R101 or ENGL R101H</i>	3.0
CHEM R110	Elementary Chemistry <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or 1 year high school algebra or equivalent or placement as determined by the college's multiple measures assessment process</i>	5.0
CHEM R112	Elementary Organic and Biological Chemistry <i>Prerequisites: CHEM R110 or CHEM R120</i>	5.0
COMM R101	Introduction to Oral Communication	3.0
DH R001	Pre-Dental Hygiene	3.0
ENGL R101/H	College Composition/Honors <i>Prerequisites: ENGL R097 or ENGL R100 or eligibility for ENGL R101 as determined by the college's multiple measures assessment process</i>	4.0
MATH R005	Beginning and Intermediate Algebra for Statistics and Liberal Arts	6.0
-OR-		
MATH R015	Beginning and Intermediate Algebra	6.0
-OR-		
MATH R014	Intermediate Algebra <i>Prerequisites: MATH R002 or MATH R011 or placement as determined by the college's multiple measures assessment process</i>	5.0
-OR-		
MATH R014B	Intermediate Algebra II <i>Prerequisites: MATH R002 or MATH R011 or placement as determined by the college's multiple measures assessment process</i>	2.5
-OR-		
MATH R032	Intermediate Algebra for Non-STEM Majors <i>Prerequisites: MATH R002 or MATH R011 or placement as determined by the college's multiple measures assessment process</i>	3.0
-OR-		
MATH R033	Pathway to STEM <i>Prerequisites: MATH R032 or placement as determined by the college's multiple measures assessment process</i>	2.0
MICR R100	Principles of Microbiology <i>Prerequisites: CHEM R104 or CHEM R110 or CHEM R112 or CHEM R120 and BIOL R120 and BIOL R120L and ANAT R101 and PHSO R101 and MATH R015 or MATH R005 or MATH R014 or MATH R014B or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	3.0
MICR R100L	Principles of Microbiology Lab <i>Prerequisites: MICR R100 or concurrent enrollment</i>	1.0
PHSO R101	Human Physiology	5.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



Prerequisites: ANAT R101 and CHEM R104 or CHEM R110 and ENGL R097 and MATH R005 or MATH R014 or MATH R015 or MATH R033 or placement as determined by the college's multiple measures assessment process

PSY R101	General Psychology	3.0
SOC R101	Introduction to Sociology	3.0
Select <i>ONE</i> of the following to satisfy the cultural diversity requirement:		
ANTH R102/H	Introduction to Cultural Anthropology	3.0
ANTH R114	African American Culture and Experience	3.0
CHST R101	Introduction to Chicana/o Studies	3.0
ECE R107	Teaching in a Diverse Society	3.0
SJS R110	Introduction to Social Justice Studies	3.0
SOC R103	Race and Ethnic Relations	3.0
SOC R108	Sociology of the Chicano Community	3.0

Total PREREQUISITE Units 41-42

****Dental Hygiene Program Admission Upon completion of the prerequisites, **students must apply for admission to the Dental Hygiene Program**. 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 678-5823 for details on the selection process.****

*******The Dental Hygiene Program requires full-time enrollment.*******

Required Dental Hygiene Courses		Units
DH R010	Oral Biology for Dental Hygiene	3.0
DH R011	Oral Radiology for Dental Hygiene	3.0
DH R012	Head and Neck Anatomy for Dental Hygiene	2.5
DH R013	Dental Health Education Seminar for Dental Hygiene	1.0
DH R014	Introduction to Dental Hygiene Practice	3.0
DH R015	Introduction to PreClinic/Clinic for Dental Hygiene	2.0
DH R020	Local Anesthesia and Nitrous Oxide for Dental Hygiene	2.0
DH R021	General and Oral Pathology for Dental Hygiene	4.0
DH R022	Pharmacology for Dental Hygiene	2.0
DH R023	Dental Hygiene Clinical Practice I	3.0
DH R024	Dental Hygiene Clinic Seminar I	3.0
DH R025	Periodontics for Dental Hygiene I	2.0
DH R030	Special Patients/Geriatrics for Dental Hygiene	1.0
DH R031	Nutrition in Dentistry for Dental Hygiene	1.0
DH R032	Dental Materials for Dental Hygiene	2.0
DH R033	Dental Hygiene Clinic Seminar II	2.0
DH R034	Dental Hygiene Clinical Practice II	4.0
DH R035	Periodontics for Dental Hygiene II	2.0
DH R036	Community Oral Health for Dental Hygiene I	2.0
DH R040	Advanced Clinical Topics in Dental Hygiene	2.0
DH R041	Practice Management for Dental Hygiene	1.0
DH R042	Dental Hygiene Clinic Seminar III	2.0
DH R043	Dental Hygiene Clinical Practice III	4.0
DH R044	Community Oral Health for Dental Hygiene II	1.0
DH R045	Ethics and Jurisprudence for Dental Hygiene	1.0

TOTAL REQUIRED MAJOR UNITS	55.5
Oxnard College General Education Pattern	29.0
Double-Counted Units	-(16)
Degree Applicable Electives Required	0.0
Total Units required for the A.S. Degree	68.5

*****See OC Catalog for additional limitations and fees*****

★**General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



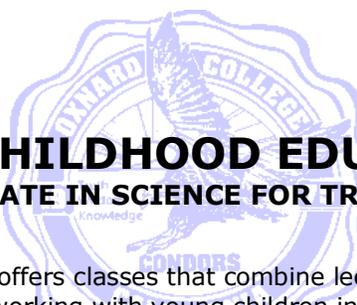
EARLY CHILDHOOD EDUCATION ASSOCIATE TEACHER

Proficiency Award

(Awarded By The Department)

Completion of requirements for the Child Development Associate Teacher Proficiency Award will enable students to apply for the Associate Teacher Child Development Permit from the California Department of Education, Early Childhood Education Division. This permit authorizes the holder to provide service in the care, development, and instruction of children in a child care and development program and supervise an Assistant and an aide. *For more information, contact: Patricia Mendez (805) 678-5054 pmendez@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
ECE R100	Introduction to Curriculum for the Young Child	3.0
ECE R102	Child Growth and Development	3.0
ECE R106	Child, Family, and Community	3.0
ECE R111	Observation and Assessment <i>Prerequisites: ECE R100 and ECE R102</i> <i>Advisories: Fingerprint clearance</i> <i>Limitations: Proof of two measles, mumps, rubella vaccines, or a blood test for measles immunity. If not immune, must receive one MMR vaccine. Proof of one Tdap in the last 10 years. Flu vaccine for the current year. Tuberculosis clearance within the last year (PPD or Quantiferon or chest x-ray).</i>	3.0
Total Required Units for the Award		12.0



EARLY CHILDHOOD EDUCATION

ASSOCIATE IN SCIENCE FOR TRANSFER

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, contact: Patricia Mendez (805) 678-5054 pmendez@vcccd.edu*

REQUIRED CLASSES		UNITS
ECE R100	Introduction to Curriculum for the Young Child	3.0
ECE R102	Child Growth and Development	3.0
ECE R103	Programs for Young Children	3.0
ECE R106	Child, Family, and Community	3.0
ECE R107	Teaching in a Diverse Society	3.0
ECE R111	Observation and Assessment	3.0
	<i>Prerequisites: ECE R100 and ECE R102</i>	
	<i>Advisories: Fingerprint clearance</i>	
	<i>Limitations: Proof of two measles, mumps, rubella vaccines, or a blood test for measles immunity. If not immune, must receive one MMR vaccine. Proof of one Tdap in the last 10 years. Flu vaccine for the current year. Tuberculosis clearance within the last year (PPD or Quantiferon or chest x-ray).</i>	
ECE R112	Practicum in Early Childhood Education	3.0
	<i>Prerequisites: ECE R102 and ECE R106 and ECE R111</i>	
	<i>Advisories: Fingerprint clearance</i>	
	<i>Limitations: A negative TB test or X-ray is required</i>	
ECE R129	Child Nutrition, Health, and Safety	3.0
Total Required Major Units		24.0
CSU General Education <i>or</i> IGETC Pattern		38-41
Double-Counted Units		-(9)
Electives (CSU transferable units needed to reach 60)		7-7
Total Units required for the AS-T Degree		60



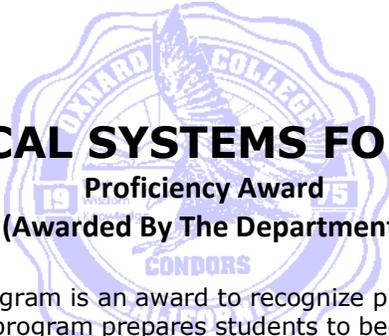
ECONOMICS

Associate In Arts Degree

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 R101 or ECON R102. For more information, contact: Dr. Ishita Edwards (805) 678-5060 iedwards@vcccd.edu

REQUIRED CORE CLASSES		UNITS
ECON R100	Introduction to Economics and Contemporary Economic Issues <i>Advisories: ENGL R095 and ENGL R097 or equivalent</i>	3.0
ECON R101	Introduction to the Principles of Macroeconomics <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i>	3.0
ECON R102	Introduction to the Principles of Microeconomics <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i>	3.0
Elective Courses (9 units minimum)		
Student must select at least 3 courses from the following		
ACCT R101	Financial Accounting <i>Advisories: BUS R001</i>	3.0
ACCT R102	Managerial Accounting <i>Prerequisites: ACCT R101 or ACCT R101H</i>	3.0
ECON R199	Directed Studies in Economics (Research Project) (DEACTIVATED)	1-3
HIST R140/H	History of the United States II/Honors	3.0
HIST R160/H	World History II/ Honors	3.0
MATH R105/H	Introductory Statistics/Honors <i>Prerequisites: MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
MATH R106	Business Calculus <i>Prerequisites: MATH R014 or MATH R014B or MATH R015 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
MATH R120	Calculus with Analytical Geometry I <i>Prerequisites: MATH R115 and MATH R116 or MATH R117 or placement as determined by the college's multiple measures assessment process</i>	5.0
PHIL R107	Introduction to Logic	3.0
PHIL R111	Critical Thinking and Analytic Writing <i>Prerequisites: ENGL R101 or R101H</i>	3.0
POLS R100	Introduction to Politics	3.0
POLS R101	Government of the United States I: Institutions and Politics	3.0
POLS R104	Introduction to International Relations	3.0
POLS R108	Comparative Politics	3.0
PSY R101/H	General Psychology/ Honors	3.0
SOC R101/H	Introduction to Sociology/ Honors	3.0
Total Required Major Units		18-22
Oxnard College General Education Pattern		29.0
Double-Counted Units		-(3-14)
Free Electives Required		16-23
Total Units required for the A.A. Degree		60.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



ELECTRICAL SYSTEMS FOR HVAC/R

Proficiency Award

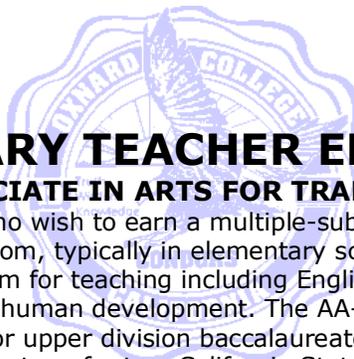
(Awarded By The Department)

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. *For more information contact: Alan Ainsworth (805) 678-5042*

aainsworth@vccd.edu

REQUIRED CORE CLASSES		UNITS
AC R020	Electrical Systems I	3.0
AC R020L	Electrical Systems I Lab	2.0
AC R021L	Electrical Systems II Lab	2.0
* <i>Prerequisites: AC R020L</i>		

Total Required Units for the Award 7.0



ELEMENTARY TEACHER EDUCATION

ASSOCIATE IN ARTS FOR TRANSFER

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. *For more information, contact: Liberal Studies Division Office (805) 678-5804.*

REQUIRED CORE CLASSES		UNITS
BIOL R101	General Biology <i>Advisories: Concurrent enrollment in BIOL R101L and completion of ENGL R095 and ENGL R097 or ENGL R100 or ENGL R101 or ENGL R101H</i>	3.0
BIOL R101L	General Biology Laboratory <i>Prerequisites: BIOL R101 or BIOL R101H or concurrent enrollment</i> <i>Advisories: MATH R002 or MATH R005 or MATH R015</i>	1.0
COMM R101	Introduction to Oral Communication	3.0
ECE R102	Child Growth and Development	3.0
EDU R122	Introduction to Education	3.0
ENGL R101/H	College Composition/Honors <i>Prerequisites: ENGL R097 or ENGL R100 or eligibility for ENGL R101 as determined by the college's multiple measures assessment process</i>	4.0
ENGL R102/H	Critical Thinking through Composition and Literature/ Honors <i>Prerequisites: ENGL R101 or ENGL R101H</i>	4.0
GEOG R102	World Regional Geography	3.0
GEOL R121	Earth Science with Lab	4.0
HIST R130/H	History of the United States I/ Honors	3.0
HIST R150/H	World History I/ Honors	3.0
MATH R102	Mathematics for Elementary School Teachers <i>Prerequisites: MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
PHSC R170	Concepts in Physical Science <i>Prerequisites: MATH R005 or MATH R014 or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
POLS R101	Government of the United States I: Institutions and Politics	3.0

List A

Select one (3 units)

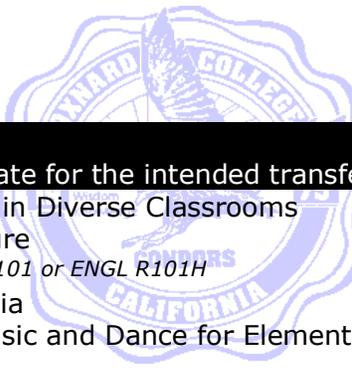
ENGL R128	Advanced Composition and Critical Thinking Through Non-Fiction <i>Prerequisites: ENGL R101 or ENGL R101H</i>	3.0
PHIL R111	Critical Thinking and Analytic Writing <i>Prerequisites: ENGL R101 or R101H</i>	3.0

List B

Select one (3units)

ART R101	Introduction to Art and Visual Culture	3.0
ART R140	Multicultural Children's Art	3.0
MUS R103A	Music Appreciation	3.0
THTR R111	Introduction to Theatre	3.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern.**



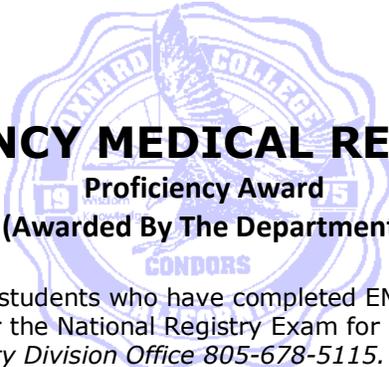
List C (Optional)

Select required courses as appropriate for the intended transfer institution:

EDU R124	Teaching Literacy in Diverse Classrooms	3.0
ENGL R125	Children's Literature <i>Prerequisites: ENGL R101 or ENGL R101H</i>	3.0
HIST R104	History of California	3.0
MUS R130	Understanding Music and Dance for Elementary Education	3.0

Total Required Major Units	51
<i>CSU GE Breadth</i>	39
Double-Counted Units	-(33-36)
Electives (CSU transferable units needed to reach 60)	3-6
Total Units required for the AA-T Degree	60

Total Required Major Units	51
<i>IGETC</i>	37
Double-Counted Units	-(28-31)
Electives (CSU transferable units needed to reach 60)	0
Total Units required for the AA-T Degree	60



EMERGENCY MEDICAL RESPONDER

Proficiency Award
(Awarded By The Department)

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. *For more information contact: Public Safety Division Office 805-678-5115.*

REQUIRED CORE CLASSES		UNITS
EMT R109	Emergency Medical Responder	3.0
Total Required Units for the Award		3.0



EMERGENCY MEDICAL TECHNICIAN REFRESHER

Proficiency Award
(Awarded By The Department)

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. *For more information contact: Public Safety Division Office 805-678-5115.*

REQUIRED CORE CLASSES		UNITS
EMT R069	Emergency Medical Technician - Refresher <i>Limitations: EMT Certification within the past 2 years or valid EMT License and American Heart Association (AHA) Healthcare Provider or American Red Cross CPR/AED for Professional Rescuers</i>	1.5
Total Required Units for the Award		1.5

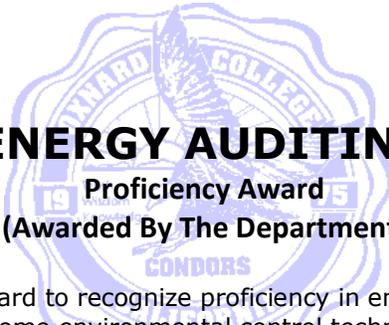


EMERGENCY MEDICAL TECHNOLOGY

Proficiency Award
(Awarded By The Department)

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. Not Degree Applicable. *For more information contact: Public Safety Division Office 805-678-5115.*

REQUIRED CORE CLASSES		UNITS
EMT R169	Emergency Medical Technician <i>Advisories: ENGL R085 and ENGL R087 and EMT R109</i> <i>Limitations: American Heart Association (AHA) Basic Life Support or American Red Cross (ARC) Basic Life Support</i>	8.0
Total Required Units for the Award		8.0



ENERGY AUDITING

Proficiency Award

(Awarded By The Department)

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. *For more information contact: Alan Ainsworth (805) 678-5042 aainsworth@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
AC R050	Energy Auditing <i>*Corequisites: AC R050L</i> <i>**Advisories: AC R010 and AC R010L and students should possess a strong understanding of air conditioning/ refrigeration system operations.</i>	3.0
AC R050L	Energy Auditing Lab <i>*Corequisites: AC R050L</i> <i>**Advisories: AC R010 and AC R010L and students should possess a strong understanding of air conditioning/ refrigeration system operations.</i>	<u>2.0</u>
Total Required Units for the Award		5.0



ENGLISH

ASSOCIATE IN SCIENCE 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 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 adegreewithaguarantee.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. See page 70 for more information. *For more information, contact: Elissa Caruth ecaruth@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
ENGL R102/H	Critical Thinking through Composition and Literature/Honors <i>Prerequisites: ENGL R101 or ENGL R101H</i>	4.0

List A		
Select two courses from the following (6 units)		
ENGL R104	English Literature I <i>Prerequisites: ENGL R101 or ENGL R101H</i>	3.0
ENGL R105	English Literature II <i>Prerequisites: ENGL R101 or ENGL R101H</i>	3.0
ENGL R107	American Literature I <i>Prerequisites: ENGL R101 or ENGL R101H</i>	3.0
ENGL R108	American Literature II <i>Prerequisites: ENGL R101 or ENGL R101H</i>	3.0

List B		
Select one course from the following or any from List A not already selected (3 units)		
ENGL R103	Creative Writing <i>Prerequisites: ENGL R101 or ENGL R101H</i>	3.0

List C		
Select one of the following courses or any from List A or List B not already selected (3 units)		
ENGL R111	Shakespeare <i>Prerequisites: ENGL R101 or ENGL R101H</i>	3.0
ENGL R112	Literature by Women <i>Prerequisites: ENGL R101 or ENGL R101H</i>	3.0
ENGR 124	Introduction to LGBTIQ Literature <i>Prerequisites: ENGL R101 or ENGL R101H</i>	3.0
ENG R126	Introduction to Chicana/o Literature <i>Prerequisites: ENGL R101 or ENGL R101H</i>	3.0

Total Required Major Units	19.0
CSU General Education <i>or</i> IGETC Pattern	37-39
Double-Counted Units	-(9)
Electives (CSU transferable units needed to reach 60)	11-13
Total Units required for the AS-T Degree	60



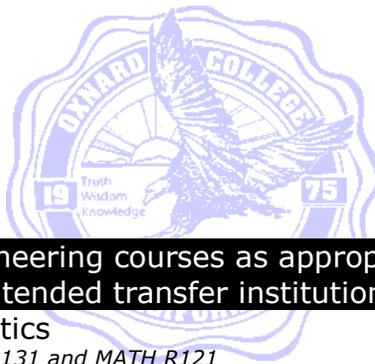
Engineers are significant and valuable members of our society that are relied upon to generally produce solutions through the utilization, design, and development of a plethora of technologies. With the increasingly high demand for qualified engineers in the workforce, this program allows those in the 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. *For more information, contact: Justin Miller (805) 678-5094 jwmiller@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
ENGR R101	Introduction to Engineering <i>Prerequisites: PHYS R131 and MATH R121</i>	2.0
MATH R120	Calculus with Analytic Geometry I <i>Prerequisites: MATH R115 and MATH R116 or MATH R117 or placement as determined by the college's multiple measures assessment process</i>	5.0
MATH R121	Calculus with Analytic Geometry II <i>Prerequisites: MATH R120</i>	5.0
MATH R122	Calculus with Analytic Geometry III <i>Prerequisites: MATH R121</i>	5.0
MATH R143	Differential Equations <i>Prerequisites: MATH R121</i>	3.0
PHYS R131	Physics for Scientists and Engineers 1 <i>Prerequisites: MATH R120</i>	5.0
PHYS R132	Physics for Scientists and Engineers 2 <i>Prerequisites: MATH R121 and PHYS R131</i>	5.0

Choose a minimum of one course from the following support courses as appropriate to satisfy requirements for the intended transfer institution (3-5 units minimum):

CHEM R120	General Chemistry I <i>Prerequisites: CHEM R110 and MATH R015 or MATH R005 or MATH R014 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	5.0
CHEM R122	General Chemistry II <i>Prerequisites: CHEM R120</i>	5.0
CHEM R130	Organic Chemistry I <i>Prerequisites: CHEM R122</i>	5.0
CHEM R132	Organic Chemistry II <i>Prerequisites: CHEM R130</i>	5.0
MATH R134	Linear Algebra <i>Prerequisites: MATH R121</i>	3.0
PHYS R133	Physics for Scientists and Engineers 3 <i>Prerequisites: MATH R122 and PHYS R132</i>	5.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



Choose a minimum of four Engineering courses as appropriate to satisfy requirements of the intended transfer institution (8-12 units minimum):

ENGR R130	Engineering Statics <i>Prerequisites: PHYS R131 and MATH R121</i>	3.0
ENGR R135	Dynamics <i>Prerequisites: ENGR R130</i>	3.0
ENGR R140	Materials Science and Engineering <i>Prerequisites: PHYS R131 and CHEM R120</i>	3.0
ENGR R140L	Materials Science and Engineering Lab <i>Prerequisites: PHYS R131 and CHEM R120 and ENGR R140 or concurrent enrollment</i>	1.0
ENGR R148	Programming and Problem-Solving in MATLAB <i>Prerequisites: MATH R120</i>	3.0
ENGR R150	Engineering Graphics and Design <i>Prerequisites: MATH R116</i>	3.0
ENGR R160	Electronic Circuits and Devices <i>Prerequisites: MATH R143 and PHYS R132</i>	3.0
ENG R160L	Electronic Circuits and Devices Laboratory <i>Prerequisites: ENGR R160 or concurrent enrollment</i>	1.0

Total Required Major Units	41-47
Oxnard College General Education Pattern	29.0
Double-Counted Units	-(6.0)
Free Electives Required	0.0
Total Units required for the A.S. Degree	64-70

Total Required Major Units	41-47
CSU GE Breadth	29.0
Health (can be taken within CSU GE)	3.0
Physical Education	1.0
Double-Counted Units	-(6.0)
Free Electives Required	0.0
Total Units required for the A.S. Degree	75-84

Total Required Major Units	41-47
IGETC	37.0
Health (can be taken within CSU GE)	3.0
Physical Education	1.0
Double-Counted Units	-(6.0)
Free Electives Required	0.0
Total Units required for the A.S. Degree	76-82

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



ENTREPRENEURSHIP

Proficiency Award

(Awarded By The Department)

Entrepreneurship provides students with the academic background and experiential opportunities needed to view business opportunities from an entrepreneurial perspective. The proficiency award helps students recognize market and business opportunities and learn when to seize them or take action, all while operating within the context of limited resources and creating value for the customer. *For more information contact: Timothy Fontenette (805) 678-5266 tfotenette@vccd.edu*

REQUIRED CORE CLASSES		UNITS
BUS R100	Introduction to Entrepreneurship	1.0
BUS R105	Accounting for Entrepreneurs	1.5
BUS R134	Marketing for Small Business	2.0
BUS R135	Social Media Marketing	1.5
ACCT R110	QuickBooks 1 <i>Advisories: BUS R001</i>	1.5
ACCT R111	QuickBooks 2 <i>Advisories: ACCT R110</i>	1.5
Total Required Units for the Award		9.0



ENGLISH AS A SECOND LANGUAGE

LEVEL – 1

Certificate of Competency Noncredit

Oxnard College offers noncredit courses in English as a Second Language. These courses grant no college credit and no units. There is limited to no costs associated with noncredit courses. 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. Upon successful completion of the ESL Certificate of Competency - Level 1 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.

COURSES		HOURS
ESL R800A	Beginning Listening and Speaking	54
ESL R800B	Beginning Reading and Writing	54
Total Required Hours		108



ENGLISH AS A SECOND LANGUAGE
LEVEL – 2
Certificate of Competency
Noncredit

Oxnard College offers noncredit courses in English as a Second Language. These courses grant no college credit and no units. There is limited to no costs associated with noncredit courses. 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. Upon successful completion of the ESL Certificate of Competency - Level 2 program students will be able to:

- Read with basic comprehension and acquire new vocabulary in context
- Write simple sentences using correct grammar and syntax
- Participate in conversations of a variety of everyday topics

COURSES		HOURS
ESL R801A	Communication Skills	52.5
ESL R801B	Reading Skills	52.5
ESL R801C	Grammar and Writing	52.5
Total Required Hours		<u>157.5</u>



ESTIMATING AUTO BODY DAMAGE & ADVANCED REPAIR

Proficiency Award
(Awarded By The Department)

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. *For more information contact: Jose Ortega (805) 678-5047 jortega@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
AB R003	Introduction to Estimating Auto Body Damage <i>Prerequisites: AB R002</i>	4.0
AB R004	Advanced Auto Body Collision and Damage Repair <i>Prerequisites: AB R003</i>	4.0
Total Required Units for the Award		8.0



FILM, TELEVISION AND ELECTRONIC MEDIA

ASSOCIATE IN SCIENCE FOR TRANSFER

The Associate of Science Degree in Film, Television, and Electronic Media offers students hands-on experience in directing, lighting, video/audio production, and electronic media arts. The degree is geared for those who are interested in obtaining employable skills in the Film and Television Industry. For more information, contact: Anitra N. Lawson (805) 678-5268 alawson@vcccd.edu

REQUIRED CORE CLASSES		UNITS
FTVE R106	Beginning Digital Editing	3.0
FTVE R110	Introduction to Media Writing	3.0
FTVE R120	Beginning Audio Production	3.0
FTVE R130	Beginning Single Camera Production	3.0
FTVE R135	Beginning TV Studio Production	3.0
FTVE R160	Introduction to Digital Photography	3.0

Total Required Major Units	18.0
Oxnard College General Education Pattern	29.0
Double-Counted Units	-(3.0)
Degree-Applicable Electives (needed to reach 60 units)	16.0
Total Units required for the AS-T Degree	60.0



FILM, TELEVISION AND ELECTRONIC MEDIA

ASSOCIATE IN SCIENCE FOR TRANSFER

The Film, Television, and Electronic Media program offers comprehensive hands-on training in video and television studio production. Students may earn a two-year Associate in Science for Transfer Degree, an Associate in Science Degree, or a Certificate of Achievement. Located in modern facilities, the courses have 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 courses include training in directing, sound production, screenwriting, digital media production, lighting, digital video editing, motion picture production, and digital audio postproduction. Students initially take a basic studio production course, an audio course, and a history of film course. In the following semesters, students can take single camera production, motion picture production, and screenwriting. All students are required to produce various digital video short films throughout their study. *For more information, contact: Anitra N. Lawson (805) 678-5268 alawson@vccd.edu*

REQUIRED CORE CLASSES		UNITS
FTVE R100	Introduction to Electronic Media	3.0
FTVE R110	Introduction to Media Writing	3.0

List A
 Select one audio and one video production course (6 units):

FTVE R120	Beginning Audio Production	3.0
-AND-		
FTVE R130	Beginning Single Camera Production	3.0
-OR-		
FTVE R135	Beginning TV Studio Production	3.0

List B
 Select one of the following courses (3 units): Any course from List A not already selected above

FTVE R107	History of Film	3.0
FTVE R150	Beginning Motion Picture Production	3.0

List C
 Select one of the following courses (3 units): Any course from List A or List B not already selected above

FTVE R106	Beginning Digital Editing	3.0
FTVE R115	Introduction to Podcasting and Digital Storytelling	3.0
FTVE R155	Advanced Studio Production <i>Advisories: FTVE R135</i>	3.0
FTVE R160	Introduction to Digital Photography	3.0

Total Required Major Units	18
CSU General Education <i>or</i> IGETC Pattern	37-39
Double-Counted Units	-(0-6)
Electives (CSU transferable units needed to reach 60)	5-9
Total Units required for the AS-T Degree	60



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 directing, lighting, video/audio production, and electronic media arts. 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 FTVE. *For more information, contact: Anitra N. Lawson (805) 678-5268 alawson@vccd.edu*

REQUIRED CORE CLASSES		UNITS
FTVE R106	Beginning Digital Editing	3.0
FTVE R120	Beginning Audio Production	3.0
FTVE R130	Beginning Single Camera Production	3.0
FTVE R135	Beginning TV Studio Production	3.0
FTVE R150	Beginning Motion Picture Production	3.0
FTVE R160	Introduction to Digital Photography	3.0
Total Required Major Units		18.0



FIRE TECHNOLOGY
Associate In Science Degree
Certificate of Achievement

This program includes the Oxnard College Regional Fire Academy (OCRFA) – FT R170 Fire Fighter I/II Academy, and its 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. A point rating system is used during the cadet selection process. 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, successful completion of FT R151 Fire Protection Organizations, Medical Clearance, and Lung Function (Spirometry) Test. Academy applications are comprehensive and will only be accepted if complete. *For more information, contact: Public Safety Division Office 805-678-5115.*

REQUIRED CORE CLASSES		UNITS
FT R170	Fire Fighter I/II Academy <i>Prerequisites: FT R151 and EMT R169</i> <i>Advisories: FT R154 and FT R161 and FT R167</i> <i>Limitations: Admission to the Fire Academy</i>	19.0
FT R151	Fire Protection Organizations <i>Prerequisites: FT R151 or concurrent enrollment</i>	3.0
EMT R169	Emergency Medical Technician <i>Advisories: ENGL R085 and ENGL R087 and EMT R109</i> <i>Limitations: American Heart Association (AHA) Basic Life Support or American Red Cross (ARC) Basic Life Support</i>	8.0
Total Required Units for the Certificate		30.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



GEOGRAPHY

ASSOCIATE IN ARTS FOR TRANSFER

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). *For more information, contact: Jim Danza (805) 678-5209 jdanza@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
GEOG R101	Elements of Physical Geography	3.0
GEOG R101L	Physical Geography Lab <i>Prerequisites: GEOG R101 or concurrent enrollment</i>	1.0
GEOG R102	World Regional Geography	3.0
-OR-		
GEOG R105	Introduction to Human Geography	3.0

List A

Select 6 units from the following:

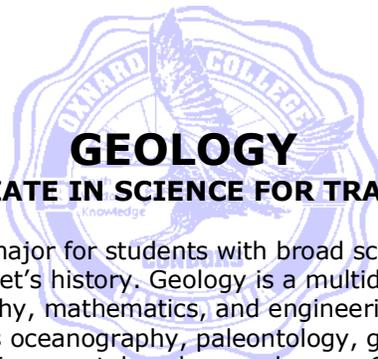
GEOG R103	Introduction to Weather and Climate	3.0
GEOG R104	Geography of California	3.0
GEOG R106	Geographic Information Systems and Techniques (GIS R106)	3.0

List B

Select 6 units from the following:

ANTH R102/H	Introduction to Cultural Anthropology	3.0
GEOL R101	Physical Geology	3.0

Total Required Major Units	19.0
CSU General Education <i>or</i> IGETC Pattern	37-39
Double-Counted Units	-(9-12)
Electives (CSU transferable units needed to reach 60)	11-16
Total Units required for the AA-T Degree	60.0

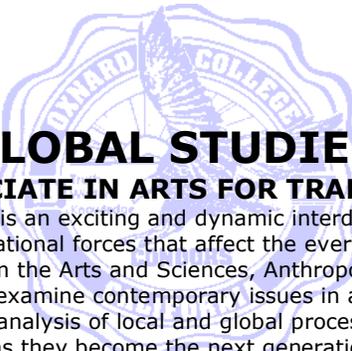


GEOLOGY

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 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. *For more information, contact: Thomas O'Neil (805) 678-5076 toneil@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
GEOL R101	Physical Geology	3.0
-AND-		
GEOL R101L	Physical Geology Lab <i>Prerequisites: GEOL R101 or concurrent enrollment</i>	1.0
GEOL R114	Historical Geology <i>Advisories: GEOL R101</i>	3.0
-AND-		
GEOL R114L	Historical Geology Lab <i>Prerequisites: GEOL R114 or concurrent enrollment</i>	1.0
CHEM R120	General Chemistry I <i>Prerequisites: CHEM R110 and MATH R015 or MATH R005 or MATH R014 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	5.0
CHEM R122	General Chemistry II <i>Prerequisites: CHEM R120</i>	5.0
MATH R120	Calculus with Analytic Geometry <i>Prerequisites: MATH R115 and MATH R116 or MATH R117 or placement as determined by the college's multiple measures assessment process</i>	5.0
MATH R121	Calculus with Analytic Geometry II <i>Prerequisites: MATH R120</i>	5.0
Total Required Major Units		28
CSU General Education <i>or</i> IGETC Pattern		37-39
Double-Counted Units		-(7)
Electives (CSU transferable units needed to reach 60)		0-1
Total Units required for the AS-T Degree		60



GLOBAL STUDIES

ASSOCIATE IN ARTS FOR TRANSFER

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. *For more information, contact: Dr. Gloria Guevara (805) 678-5095 gquevara@vcccd.edu OR Dr. Arion Melidonis (805) 678-5044 amelidonis@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
GLST R101	Introduction to Global Studies	3.0
GLST R102	Global Issues and Problems	3.0

LIST A – CULTURE AND SOCIETY		
Select one course from the following (3 units):		
ANTH R102/H	Introduction to Cultural Anthropology/ Honors	3.0
HIST R160/H	World History II/ Honors	3.0

LIST B - GEOGRAPHY		
Select one course from the following (3 units):		
GEOG R101	Elements of Physical Geography	3.0
GEOG R102	World Regional Geography	3.0
GEOG R105	Introduction to Human Geography	3.0

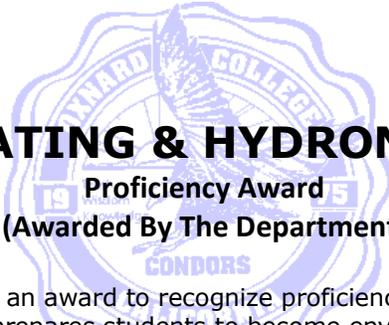
LIST C - ECONOMICS		
Select one course from the following (3 units):		
ECON R101	Introduction to the Principles of Macroeconomics <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i>	3.0
ECON R102	Introduction to the Principles of Microeconomics <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i>	3.0

LIST D - POLITICS		
Select one course from the following (3 units):		
POLS R104	Introduction to International Relations	3.0
POLS R108	Comparative Politics	3.0

LIST E		
Select one course from the following (3 units):		
HIST R150	World History I/ Honors	3.0
PHIL R103	Survey of World Religions: East	3.0
PHIL R104	Survey of World Religions: West	3.0
PHIL R115/H	Comparative World Religions/ Honors <i>Advisories: ENGL R096</i>	3.0

Total Required Major Units	21.0
CSU General Education or IGETC Pattern	37-39
Double-Counted Units	-(9-15)
Electives (CSU transferable units needed to reach 60)	9-17
Total Units required for the AA-T Degree	60

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



HEATING & HYDRONICS

Proficiency Award
(Awarded By The Department)

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. *For more information contact: Alan Ainsworth (805) 678-5042 aainsworth@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
AC R040	Heating and Control Systems	3.0
AC R040L	Heating and Control Systems Lab	<u>2.0</u>
Total Required Units for the Award		5.0



HISTORY

ASSOCIATE IN ARTS FOR TRANSFER

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. *For more information, contact: Kevin Hughes (805) 678-5079 khughes@vcccd.edu ; Dr. Joshua Leiser (805) 678-5078 jlieser@vcccd.edu ; Jennifer Wilson-Gonzalez (805) 678-5269 jwilsongonzalez@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
HIST R130/H	History of the United States I/Honors	3.0
HIST R140/H	History of the United States II/Honors	3.0

List A

Required Additional Courses (6 units)

HIST R150/H	World History I/Honors	3.0
HIST R160/H	World History II/Honors	3.0

List B1

Select one of the following courses (3 units)

HIST R109	History of Mexico	3.0
HIST R110	History of the Middle East	3.0
HIST R117	History of American Women	3.0
HIST R122	History of Asia	3.0
HIST R126	History of Latin America	3.0

List B2

Select one of the following courses (3 units)

HIST R104	History of California	3.0
HIST R107	History of Mexicans in the United States	3.0
HIST R108	African-American History	3.0
HIST R117	History of American Women	3.0
HIST R124	Sports in American	3.0
HIST R125/H	U.S. Foreign Policy & Covert Action/ Honors	3.0

Total Required Major Units	18
CSU General Education <i>or</i> IGETC Pattern	37-39
Double-Counted Units	-(9-15)
Electives (CSU transferable units needed to reach 60)	12-20
Total Units required for the AA-T Degree	60

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



HOSPITALITY MANAGEMENT

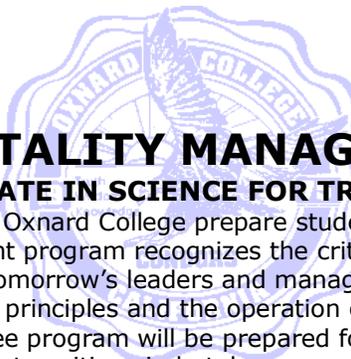
ASSOCIATE IN SCIENCE

Certificate of Achievement

The Hospitality Management Program at Oxnard College prepares students for management positions in the lodging 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 program will be prepared for the career opportunities leading up to supervisory and entry level management positions in hotel management, housekeeping management, human resource management, guest services, and food and beverage management. *For more information, contact: Adam Hart (805) 678-5267 ahart@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
HM R100	Principles of the Hospitality Industry	3.0
HM R104	Sanitation and Environmental Control	3.0
HM R123	Hospitality and Cost Control	3.0
HM R112	Food and Beverage Management	3.0
HM R101	Hotel Management	3.0
BUS R111	Business Law	3.0

Total Required Major Units	18
Oxnard College General Education	29
Double-Counted Units	0
Free Electives Required	13
Total Units required for the A.S. Degree	60



HOSPITALITY MANAGEMENT

ASSOCIATE IN SCIENCE FOR TRANSFER

The Hospitality Management program at Oxnard College prepare students for management positions in the lodging 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. *For more information, contact: Adam Hart (805) 678-5267 ahart@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
HM R100	Principles of the Hospitality Industry	3.0

List A

Select three courses (9-13 units)::

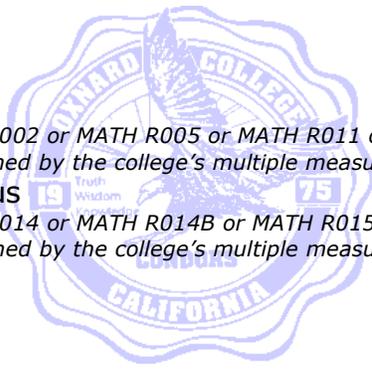
ECON R102	Introduction to the Principles of Microeconomics <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i>	3.0
HM R104	Sanitation and Environmental Control	3.0
HM R112	Food and Beverage Management	3.0
HM R101	Hotel Management	3.0
CRM R102A	Institutional Food Production <i>Prerequisites: CRM R104 Limitations: A Negative TB test is required</i>	7.0

List B

Select two courses (6-8 units):

ACCT R101/H	Financial Accounting/ Honors <i>Advisories: BUS R001</i>	3.0
BUS R111	Business Law	3.0
MATH R105/H	Introductory Statistics/ Honors <i>Prerequisites: MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
-OR-		
PSY R103	Beginning Statistics for Behavioral Science <i>Prerequisites: PSY R101 or PSY R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or placement as determined by the college's multiple measures assessment process</i>	3.0
ACCT R102	Managerial Accounting <i>Prerequisites: ACCT R101 or ACCT R101H</i>	3.0
BUS R140	Business Communications <i>Prerequisites: ENGL R101 Advisories: Word-processing skills</i>	3.0
CIS R100	Introduction to Computer Information Systems <i>Advisories: CIS R020A</i>	3.0
CRM R102B	Institutional Food Production Management <i>Prerequisites: CRM R102A Limitations: A Negative TB test is required and Possession of ServSafe Certification or equivalent is required</i>	4.0
CRM R105	Gourmet Restaurant Service <i>Prerequisites: CRM R102B Limitations: A Negative TB test is required Possession of ServSafe Certification or equivalent is required</i>	4.0
CRM R110	Hospitality and Cost Control (HM R123)	3.0
ECON R101	Introduction to the Principles of Macroeconomics	3.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern.**



MATH R106 *Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process*
Business Calculus 4.0
Prerequisites: MATH R014 or MATH R014B or MATH R015 or MATH R033 or placement as determined by the college's multiple measures assessment process

Total Required Major Units	18-21
CSU General Education <i>Breadth</i>	39
Double-Counted Units	-(0-9)
Free Electives Required	0-12
Total Units required for the AS-T Degree	60

Total Required Major Units	18-21
<i>IGETC</i>	37
Double-Counted Units	-(0-9)
Free Electives Required	2-14
Total Units required for the AS-T Degree	60



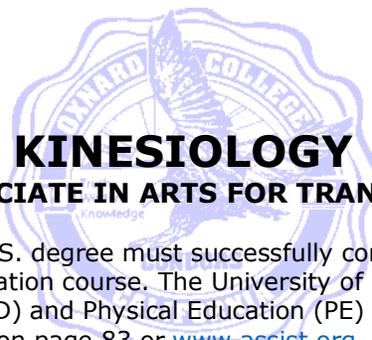
HUMAN SERVICES

Associate In Science Degree 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. *For more information, contact: Juan Pitones (805) 678-5240 jpitones@vccd.edu*

REQUIRED CORE CLASSES		UNITS
SOC R101/H	Introduction to Sociology/ Honors	3.0
SOC R102	Social Problems	3.0
SOC R103	Race and Ethnic Relations	3.0
SOC R104	Sex Roles	3.0
SOC R110	Analyzing Social Welfare Services	3.0
	<i>Prerequisites: SOC R118</i>	
SOC R118	Introduction to Human Services and Social Welfare	3.0
Recommended Optional Courses		
Students are encouraged to take at least one of the following courses:		
SOC R105	Aging in the United States	3.0
SOC R106	Contemporary Family in American Society	3.0
SOC R108	Sociology of the Chicano Community	3.0
SOC R116	Crime and Society	3.0
ANTH R105	Sex, Gender and Culture	3.0
ECE R106	Child, Family and Community	3.0
POLS R102	Government of the United States: Institutions and Laws	3.0
Total Required Major Units		18.0
Oxnard College General Education Pattern		29.0
Double-Counted Units		3.0
Free Electives Required		16.0
Total Units required for the A.S. Degree		60

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



KINESIOLOGY

ASSOCIATE IN ARTS FOR TRANSFER

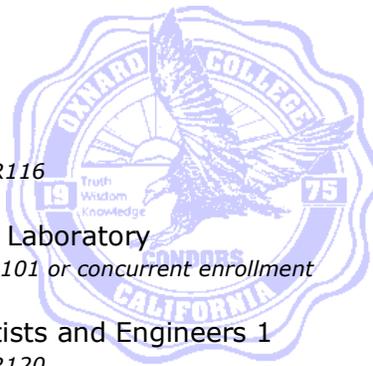
Students who wish to earn an A.A. or A.S. degree must successfully complete a minimum of one Health Education course and one Physical Education course. The University of California (UC) has a limitation on transfer credits of Health Education (HED) and Physical Education (PE) courses. For current limitations, see "Transfer Course Agreement (UC TCA)" on page 83 or 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. *For more information, contact: Jonas Crawford (805) 678-5870 jcrawford1@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
HED R110	Introduction to Kinesiology	3.0
ANAT R101	General Human Anatomy <i>Prerequisites: ENGL R097 and BIOL R101 or BIOL R101H and BIOL R101L and MATH R015 or MATH R005 or MATH R014 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
PHSO R101	Human Physiology <i>Prerequisites: ANAT R101 and CHEM R104 or CHEM R110 and ENGL R097 and MATH R005 or MATH R014 or MATH R015 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	5.0

MOVEMENT BASED COURSES	
Select a maximum of one course from three of the following areas for a minimum of three units:	
Combative:	PE R130, PE R131A, PE R131B, PE R133A, PE R133B, PE R134A
DANCE:	DANC R102A, DANC R104A, DANC R110A
Fitness:	PE R103A, PE R104A, PE R106, PE R107, PE R108, PE R143, PE R146, PE R148A, PE R150A
Individual Sports:	PE R130, PE R134A
Team Sports:	PE R155A, PE R155B, PE R156A, PE R156B, PE R159A, PE R159B, PE R160, PE R161

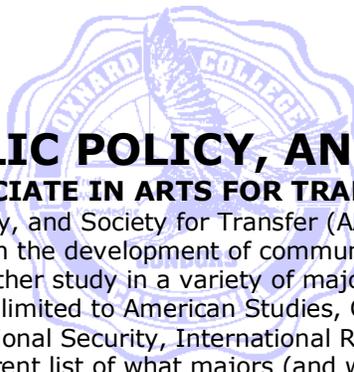
List A		
Select two courses (minimum 6 units) from the following:		
MATH R105/H	Introductory Statistics/ Honors <i>Prerequisites: MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
-OR-		
PSY R103	Beginning Statistics for the Behavioral and Social Sciences <i>Prerequisites: PSY R101 or PSY R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or placement as determined by the college's multiple measures assessment process</i>	3.0
-OR-		
SOC R125	Introduction to Statistics in Sociology <i>Prerequisites: MATH R005 or MATH R015 or placement as determined by the college's multiple measures assessment process</i>	3.0
CHEM R110	Elementary Chemistry <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or 1 year high school algebra or equivalent or placement as determined by the college's multiple measures assessment process</i>	5.0
CHEM R120	General Chemistry I <i>Prerequisites: CHEM R110 and MATH R015 or MATH R005 or MATH R014 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	5.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



PHYS R101	College Physics I <i>Prerequisites: MATH R116</i>	4.0
-AND-		
PHYS R101L	College Physics 1 Laboratory <i>Prerequisites: PHYS R101 or concurrent enrollment</i>	1.0
-OR-		
PHYS R131	Physics for Scientists and Engineers 1 <i>Prerequisites: MATH R120</i>	5.0
HED R105	First Aid/Personal Safety	3.0

Total Required Major Units	21-27
CSU General Education <i>or</i> IGETC Pattern	37-39
Double-Counted Units	-(6-12)
Electives (CSU transferable units needed to reach 60)	2-12
Total Units required for the AA-T Degree	60



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 adegreewithaguarantee.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. For students interested in pursuing a Bachelor's degree in prelaw, 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 currently accept this degree as similar to their Public Administration majors: San Diego State University (SDSU), CSU Chico, and CSU Fullerton. *For more information contact: Liberal Studies Division Office (805) 678-5804*

REQUIRED CORE COURSES (25-26 UNITS)		UNITS
Complete the following Law course (3 units)		
POLS R102	Introduction to Law and Society	3.0
Choose one Ethics course (3 units)		
PHIL R102/H	Introduction to Ethics/ Honors	3.0
Choose one Public Speaking course (3 units):		
COMM R101	Introduction to Oral Communication <i>Advisories: ENGL R101</i>	3.0
COMM R107	Argumentation and Debate	3.0
COMM R110	Small Group Communication	3.0
Choose one Composition course (4 units):		
ENGL R101/H	College Composition/ Honors <i>Prerequisites: ENGL R097 or ENGL R100 or eligibility for ENGL R101 as determined by the college's multiple measures assessment process</i>	4.0
Choose one course in persuasion (3 units) COMM R107 may only be chosen in this area if not used to complete the public speaking requirement above:		
COMM R107	Argumentation and Debate	3.0
ENGL R128	Advanced Composition and Critical Thinking Through Non-Fiction <i>Prerequisites: ENGL R101 or ENGL R101H</i>	3.0
PHIL R107	Introduction to Logic	3.0
Choose one statistics course (3-4 units):		
MATH R105/H	Introductory Statistics/Honors <i>Prerequisites: MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
PSY R103	Beginning Statistics for Behavioral Science <i>Prerequisites: PSY R101 or PSY R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or placement as determined by the college's multiple measures assessment process</i>	3.0
SOC R125	Statistics for the Behavioral and Social Sciences <i>Prerequisites: MATH R005 or MATH R015 or placement as determined by the college's multiple measures assessment process</i>	3.0
Choose one U.S. History course (3 units):		
HIST R130/H	History of the United States I/Honors	3.0
HIST R140/H	History of the United States II/ Honors	3.0
Complete a Government course (3 units):		
POLS R101	Government of the United States I: Institutions and Politics	3.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



LIST A:

Select a total of two courses (6 units) from areas listed below. The two courses must come from two separate areas.

Area 1: Administrative Justice/Criminal Justice/Criminology

SOC R116 Crime and Society 3.0

Area 2: Business

ECON R101 Introduction to the Principles of Macroeconomics 3.0

Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process

ECON R102 Introduction to the Principles of Microeconomics 3.0

Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process

Area 4: Political Science

POLS R100 Introduction to Politics 3.0

POLS R104 Introduction to International Relations 3.0

POLS R108 Comparative Politics 3.0

POLS R120 Political Theory 3.0

Area 5: Public Policy

GLST R101 Introduction to Global Studies 3.0

GLST R102 Global Issues and Problems 3.0

SJS R110 Introduction to Social Justice Studies 3.0

SOC R102 Social Problems 3.0

Area 6: Diversity

ANTH R114 African American Culture and Experience 3.0

ANTH R102/H Introduction to Cultural Anthropology/ Honors 3.0

ANTH R107 The Anthropology of Native Americans 3.0

CHST R101 Introduction to Chicana/o Studies 3.0

COMM R113 Intercultural Communication 3.0

GEOG R105 Introduction to Human Geography 3.0

SJS R120 Introduction to Women's Studies 3.0

SJS R130 Introduction to LGBTQ Studies 3.0

SOC R103 Race and Ethnic Relations 3.0

SOC R104 Sex Roles (PSY R107) 3.0

SOC R108 Sociology of the Chicano Community 3.0

Area 7: College Success

PG R102 College Success 3.0

Area 8: Internship/Fieldwork

COT R190V Occupational Cooperative Unpaid Work Experience 1-4

Prerequisites: Completion of or concurrent enrollment in one other course

COT R191V Occupational Cooperative Paid Work Experience 1-4

Prerequisites: Completion of or concurrent enrollment in one other course

Total Required Major Units	31-32
CSU General Education or IGETC Pattern	37-39
Double-Counted Units	-(18-27)
Electives (CSU transferable units needed to reach 60)	10-19
Total Units required for the AA-T Degree	60



LEAD COOK

Proficiency Award

(Awarded By The Department)

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 "green," and meet the across-the-board need being driven by major hotel and restaurant chains as well as privately owned hotels, clubs, and restaurants. The Lead Cook Program is an award that prepares students for lead cook positions in a restaurant or other hospitality property. Passing the ServSafe® Certification exam as well as passing the National Restaurant Association certification exam is required to earn this Proficiency Award. *For more information contact: Adam Hart (805) 678-5267 ahart@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
CRM R102A	Institutional Food Production <i>Prerequisites: CRM R104</i>	7.0
CRM R104	Sanitation & Environmental Control	3.0

Required Certifications

ServeSafe Certification National Restaurant Association Certification

Total Required Units for the Award **10.0**



MARKETING FOR ENTREPRENEURS

Proficiency Award
(Awarded By The Department)

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. *For more information contact: Timothy Fontenette (805) 678-5266 tfotenette@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
BUS R100	Introduction to Entrepreneurship	1.0
BUS R134	Marketing for Small Business	2.0
BUS R135	Social Media Marketing	1.5
Total Required Units for the Award		4.5



MATHEMATICS

ASSOCIATE IN SCIENCE FOR TRANSFER

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's 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. (Δ) Additional Support MATH R105 Introductory Statistics, MATH R106 Business Calculus, and MATH R115 College Algebra 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: MATH R105, MATH R105H, PSY R103, or SOC R125. *For more information, contact: Dr. Steve Hall (805) 678-5090 shall@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
MATH R120	Calculus with Analytic Geometry I <i>Prerequisites: MATH R115 and MATH R116 or MATH R117 or placement as determined by the college's multiple measures assessment process</i>	5.0
MATH R121	Calculus with Analytic Geometry II <i>Prerequisites: MATH R120</i>	5.0
MATH R122	Calculus with Analytic Geometry III <i>Prerequisites: MATH R121</i>	5.0

Select a minimum of 6 units from below with at least one course from List A

List A

Provides depth of understanding in subject major

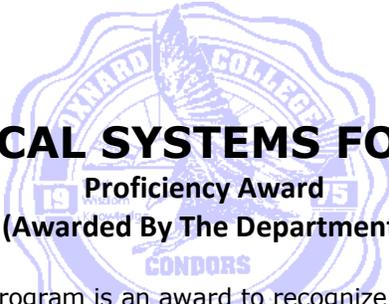
MATH R134	Linear Algebra <i>Prerequisites: MATH R121</i>	3.0
MATH R143	Differential Equations <i>Prerequisites: MATH R121</i>	3.0

List B

Expands application of discipline

MATH R105/H	Introductory Statistics/ Honors <i>Prerequisites: MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
PHYS R131	Physics for Scientists and Engineers 1 <i>Prerequisites: MATH R120</i>	5.0

Total Required Major Units	21-23
CSU General Education <i>or</i> IGETC Pattern	37-39
Double-Counted Units	-(3-7)
Electives (CSU transferable units needed to reach 60)	3-7
Total Units required for the AS-T Degree	60



MECHANICAL SYSTEMS FOR HVAC/R

Proficiency Award
(Awarded By The Department)

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. *For more information contact: Alan Ainsworth (805) 678-5042*
aainsworth@vccd.edu

REQUIRED CORE CLASSES		UNITS
AC R010	Introduction to Air Conditioning & Refrigeration	3.0
AC R010L	Introduction to Air Conditioning & Refrigeration I Lab	2.0
AC R011L	Introduction to Air Conditioning & Refrigeration II Lab	2.0
<i>* Prerequisites: AC R101L</i>		
Total Required Units for the Award		7.0



NUTRITION AND DIETETICS

ASSOCIATE IN SCIENCE FOR TRANSFER

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. *For more information, contact: Dianne Frehlich (805) 678-5188 dfrehlich@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
HED R114	Introduction to Nutrition Science	3.0
PSY R101/H	General Psychology/ Honors	3.0
CHEM R120	General Chemistry I <i>Prerequisites: CHEM R110 and MATH R015 or MATH R005 or MATH R014 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	5.0
MICR R100	Principles of Microbiology <i>Prerequisites: CHEM R104 or CHEM R110 or CHEM R112 or CHEM R120 and BIOL R120 and BIOL R120L and ANAT R101 and PHSO R101 and MATH R015 or MATH R005 or MATH R014 or MATH R014B or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	3.0
MICR R100L	Principles of Microbiology Laboratory <i>Prerequisites: MICR R100 or concurrent enrollment</i>	1.0

List A

Select two courses (7-10 units). No more than one Statistics course may be selected.

CHEM R122	General Chemistry II <i>Prerequisites: CHEM R120</i>	5.0
CHEM R130	Organic Chemistry I <i>Prerequisites: CHEM R122</i>	5.0
ANAT R101	Human Anatomy <i>Prerequisites: ENGL R097 and BIOL R101 or BIOL R10H and BIOL R101L and MATH R015 or MATH R00 or MATH R014 or MATH R033 or placement as determined by the college's multiple measures assessment process.</i>	4.0
PHSO R101	Human Physiology <i>Prerequisites: ANAT R101 and CHEM R104 or CHEM R110 and ENGL R097 and MATH R005 or MATH R014 or MATH R015 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	5.0
MATH R105/H	Introductory Statistics/ Honors <i>Prerequisites: MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
-OR-		
PSY R103	Beginning Statistics for Behavioral Science <i>Prerequisites: PSY R101 or PSY R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or placement as determined by the college's multiple measures assessment process</i>	3.0
-OR-		
SOC R125	Statistics for the Behavioral and Social Sciences <i>Prerequisites: MATH R005 or MATH R015 or placement as determined by the college's multiple measures assessment process</i>	3.0

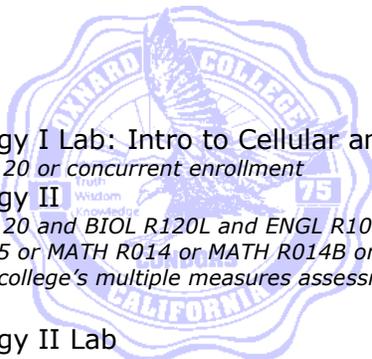
List B

Select one course (3-5 units). If a Physics course is selected, the Lab must also be taken.

BIOL R120	Principles of Biology I <i>Prerequisites: CHEM R120 and MATH R005 or MATH R015 or placement based on multiple measurements assessments</i> <i>Advisories: ENGL R097 or ENGL R100 or ENGL R101</i>	4.0
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-AND-

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



BIOL R120L	Principles of Biology I Lab: Intro to Cellular and Molecular Biology <i>Prerequisites: BIOL R120 or concurrent enrollment</i>	1.0
BIOL R122	Principles of Biology II <i>Prerequisites: BIOL R120 and BIOL R120L and ENGL R100 or ENGL R101 or ENGL R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or placement as determined by the college's multiple measures assessment process</i>	4.0
-AND-		
BIOL R122L	Principles of Biology II Lab <i>Prerequisites: BIOL R120 and BIOL R120L and BIOL R122 or concurrent enrollment</i>	1.0
CHEM R110	Elementary Chemistry <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or 1 year high school algebra or equivalent or placement as determined by the college's multiple measures assessment process</i>	5.0
CHEM R112	Elementary Organic and Biological Chemistry <i>Prerequisites: CHEM R110 or CHEM R120</i>	5.0
ACCT R101	Financial Accounting <i>Advisories: BUS R001</i>	3.0
ANTH R102	Introduction to Cultural Anthropology	3.0
BUS R111	Business Law	3.0
CIS R100	Introduction to Computer Information Systems <i>Advisories: CIS R020A</i>	3.0
ECON R100	Modern American Economy <i>Advisories: ENGL R095 and ENGL R097 or equivalent</i>	3.0
ECON R102	Introduction to the Principles of Microeconomics <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i>	3.0
HED R105	CPR, AED, First Aid and Personal Safety	3.0
HED R110	Introduction to Kinesiology	3.0
MATH R115	College Algebra <i>Prerequisites: MATH R014 or MATH R014B or MATH R015 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
MATH R120	Calculus with Analytic Geometry I <i>Prerequisites: MATH R115 and MATH R116 or MATH R117 or placement as determined by the college's multiple measures assessment process</i>	5.0
PHYS R101	College Physics 1 <i>Prerequisites: MATH R116</i>	4.0
-AND-		
PHYS R101L	College Physics 1 Lab <i>Prerequisites: PHYS R101 or concurrent enrollment</i>	1.0
-AND-		
PHYS R102	College Physics 2 <i>Prerequisites: PHYS R101</i>	4.0
-AND-		
PHYS R102L	College Physics 2 Lab <i>Prerequisites: PHYS R102 or concurrent enrollment</i>	1.0
PHYS R121	Physics with Calculus 1 <i>Prerequisites: MATH R120</i>	5.0
PHYS R122	Physics with Calculus 2 <i>Prerequisites: MATH R121 and PHYS R121</i>	5.0
PSY R108	Developmental Psychology	3.0
SOC R101/H	Introduction to Sociology/ Honors	3.0

Total Required Major Units	26-31
CSU General Education or IGETC Pattern	37-39
Double-Counted Units	-(10-18)
Electives (CSU transferable units needed to reach 60)	7-8
Total Units required for the AS-T Degree	60

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



OFFICE SOFTWARE SPECIALIST

Proficiency Award
(Awarded By The Department)

The Office Technologies Program is for students with little or no previous office training and who have immediate job goals in mind. This program can be completed in one semester. The Proficiency Award will be granted by the Department to a student receiving a grade of "C" or better in each course. All of the following required courses can be applied toward the Administrative Assistant program. *For more information contact: Mary Pinto-Casillas (805) 678-5097 mpintocasillas@vcccd.edu or Alex Lynch (806) 678-5061 alynch@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
CAOT R123	Microsoft Excel <i>Advisories: CIS R020A</i>	3.0
CAOT R124	Microsoft Access <i>Advisories: CIS R020A</i>	3.0
CAOT R129	Microsoft PowerPoint <i>Advisories: CIS R020A</i>	3.0
CAOT R130	Microsoft Word <i>Advisories: CIS R020A</i>	<u>3.0</u>
Total Required Units for the Award		12.0



OFFICE TECHNOLOGIES

Proficiency Award (Awarded By The Department)

The Office Technologies Program is for students with little or no previous office training and who have immediate job goals in mind. This program can be completed in one semester. The Proficiency Award will be granted by the Department to a student receiving a grade of "C" or better in each course. All of the following required courses can be applied toward the Administrative Assistant program. *For more information contact: Mary Pinto-Casillas (805) 678-5097 mpintocasillas@vcccd.edu or Alex Lynch (806) 678-5061 alynch@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
CAOT R001	Keyboarding (Alpha and Numeric)	1.5
CAOT R002	Keyboarding Speed and Accuracy <i>Advisories: CAOT R001</i>	1.5
CAOT R004	Microsoft Outlook	1.5
CAOT R009	Office Procedures <i>Advisories: CAOT R001 or CAOT R002 and CAOT R130</i>	3.0
CAOT R123	Microsoft Excel <i>Advisories: CIS R020A</i>	3.0
CAOT R130	Microsoft Word <i>Advisories: CIS R020A</i>	3.0
Total Required Units for the Award		13.5



PARALEGAL STUDIES
Associate In Science Degree
Certificate of Achievement

This program prepares 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. To complete the Associate in Science degree, students must also meet requirements in general education. Please see your counselor to development an educational plan. *For more information, contact: Career & Technical Education Division Office Dr. Jerry Lulejian (805) 678-5824 jlulejian@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
BUS R111	Business Law	3.0
PLS R041	Computer Applications for Paralegals <i>Advisories: CIS R020A</i>	3.0
PLS R101	Paralegal Fundamentals	3.0
PLS R104	Legal Research and Writing I <i>Advisories: PLS R101</i>	3.0
PLS R105	Legal Research and Writing II <i>Prerequisites: PLS R104</i>	3.0
PLS R109	Communications and Case Management	3.0

Select 12 units from the following two Tracks. Students may choose all 12 units within the same Track, or select courses from both Tracks to total 12 units.

Litigation Track

PLS R102	Torts <i>Advisories: PLS R101</i>	3.0
PLS R106	Civil Litigation <i>Advisories: PLS R101</i>	3.0
PLS R107	Family Law	3.0
PLS R108	Evidence <i>Advisories: PLS R101</i>	3.0
PLS R110	Criminal Law and Procedure	3.0
PLS R126	Probate Law	3.0

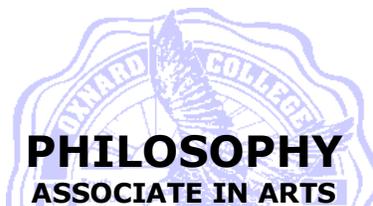
-AND/OR-

Transactional Track

PLS R103	Contracts <i>Advisories: PLS R101</i>	3.0
PLS R120	Real Estate Law	3.0
PLS R122	Immigration Law	3.0
PLS R123	Employment Law	3.0

Total Required Major Units	30.0
Oxnard College General Education Pattern	29.0
Double-Counted Units	0.0
Degree-Applicable Electives (needed to reach 60 units)	1.0
Total Units required for the A.S. Degree	60.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



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. *For more information, contact: Chris Horrock (805) 678-5092*
chorrock@vcccd.edu

REQUIRED CORE CLASSES **UNITS**

Choose one course or three units minimum from the following:

PHIL R101/H	Introduction to Philosophy/Honors	3.0
PHIL R107	Introduction to Logic	3.0

Required Additional Courses (12 units)
 Complete a minimum of 12 units from the following:

ANTH R111	Magic, Witchcraft & Religion: Anthropology of Belief	3.0
ECON R101	Principles of Macroeconomics <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i>	3.0
PHIL R100	Critical Thinking	3.0
PHIL R102/H	Introduction to Ethics/Honors	3.0
PHIL R103	Survey of World Religions: East	3.0
PHIL R104	Survey of World Religions: West	3.0
PHIL R105	History of Ancient and Medieval Philosophy	3.0
PHIL R106	History of Modern Philosophy	3.0
PHIL R108	World Mythology	3.0
PHIL R109	Modern Religious Movements In America	3.0
PHIL R110	Philosophy of Religion	3.0
PHIL R111	Critical Thinking and Analytic Writing <i>Prerequisites: ENGL R101 or R101H</i>	3.0
PHIL R112	Symbolic Logic	3.0
PHIL R114	Social Philosophy	3.0
POLS R100	Introduction to Politics	3.0

Total Required Major Units	18.0
CSU General Education <i>or</i> IGETC Pattern	29.0
Double-Counted Units	-(3-6)
Electives (CSU transferable units needed to reach 60)	16-18
Total Units required for the AA-T Degree	60.0



PHILOSOPHY

ASSOCIATE IN ARTS FOR TRANSFER

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. *For more information, contact: Chris Horrock (805) 678-5092*
chorrock@vcccd.edu

REQUIRED CORE CLASSES		UNITS
Choose one course or three units minimum from the following:		
PHIL R107	Introduction to Logic	3.0
PHIL R112	Symbolic Logic	3.0

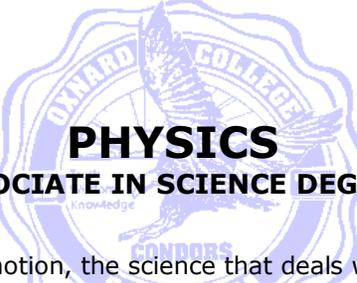
Choose one course or three units minimum from the following:		
PHIL R101/H	Introduction to Philosophy/Honors	3.0
PHIL R102/H	Introduction to Ethics/Honors	3.0

List A		
Select one of the following courses (3 units):		
***	Any course from the Core not already selected above	3.0
PHIL R105	History of Ancient and Medieval Philosophy	3.0
PHIL R106	History of Modern Philosophy	3.0

List B		
Select two of the following courses (6 units)		
PHIL R110	Philosophy of Religion	3.0
PHIL R103	Survey of World Religions: East	3.0
PHIL R104	Survey of World Religions: West	3.0
PHIL R111	Critical Thinking and Analytic Writing	3.0
	<i>Prerequisites: ENGL R101 or R101H</i>	
PHIL R114	Social Philosophy	3.0

List C		
Select one of the following courses (3 units):		
***	Any course from the Core not already selected above	3.0
PHIL R108	World Mythology	3.0
PHIL R115/H	Comparative World Religions/Honors	3.0
	<i>Advisories: ENGL R096</i>	
PHIL R116	Contemporary Moral Issues	3.0

Total Required Major Units	18.0
CSU General Education <i>or</i> IGETC Pattern	38-41
Double-Counted Units	-(6-9)
Electives (CSU transferable units needed to reach 60)	7-13
Total Units required for the AA-T Degree	60



PHYSICS

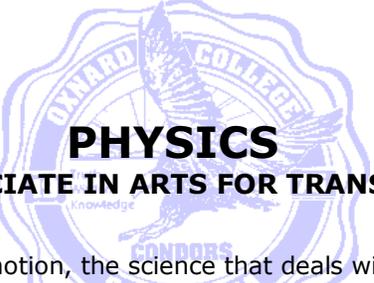
ASSOCIATE IN SCIENCE DEGREE

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: PHYS R101, R101L & R102, R102L or PHYS R121 & R122 or PHYS R131, R132, and R133. For more information, contact: Justin Miller (805) 678-5094 jwmiller@vcccd.edu

REQUIRED CORE CLASSES		UNITS
PHYS R131	Physics for Scientists and Engineers 1 <i>Prerequisites: MATH R120</i>	5.0
PHYS R132	Physics for Scientists and Engineers 2 <i>Prerequisites: MATH R121 and PHYS R131</i>	5.0
PHYS R133	Physics for Scientists and Engineers 3 <i>Prerequisites: MATH R122 and PHYS R132</i>	5.0
MATH R120	Calculus with Analytic Geometry I <i>Prerequisites: MATH R115 and MATH R116 or MATH R117 or placement as determined by the college's multiple measures assessment process</i>	5.0
MATH R121	Calculus with Analytic Geometry II <i>Prerequisites: MATH R120</i>	5.0
MATH R122	Calculus with Analytic Geometry III <i>Prerequisites: MATH R121</i>	5.0
MATH R134	Linear Algebra <i>Prerequisites: MATH R121</i>	3.0
MATH R143	Differential Equations <i>Prerequisites: MATH R121</i>	3.0
CHEM R120*	General Chemistry I* <i>Prerequisites: CHEM R110 and MATH R015 or MATH R005 or MATH R014 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	5.0
Total Required Major Units		41.0
Oxnard College General Education Pattern		37-39
Double-Counted Units		-(6.0)
Degree-Applicable Electives (needed to reach 60)		0.0
Total Units required for the A.S. Degree		72-74

***Note: University of California Santa Barbara requires both CHEM R120 and CHEM R122 (General Chemistry I and II) for either the B.A. in Physics or the B.S. in Physics. CHEM R122 is offered fall and spring semesters at Oxnard College.**

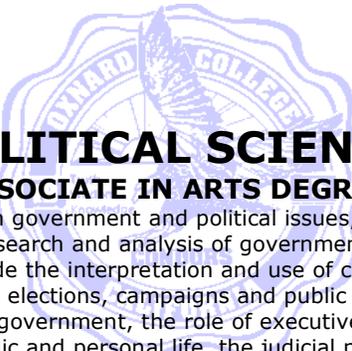
Proposed plan of study for A.S. degree in Physics:		
YEAR 1:	Fall Semester:	Spring Semester:
	MATH R120	MATH R121
	CHEM R120	PHYS R131
YEAR 2:	Fall Semester:	Spring Semester:
	MATH R122	MATH R134 & R143
	PYS R132	PHYS R133



PHYSICS
ASSOCIATE IN ARTS FOR TRANSFER

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: PHYS R101, R101L & R102, R102L or PHYS R121 & R122 or PHYS R131, R132, and R133. For more information, contact: Justin Miller (805) 678-5094 jwmiller@vcccd.edu

REQUIRED CORE CLASSES		UNITS
PHYS R131	Physics for Scientists and Engineers 1 <i>Prerequisites: MATH R120</i>	5.0
PHYS R132	Physics for Scientists and Engineers 2 <i>Prerequisites: MATH R121 and PHYS R131</i>	5.0
PHYS R133	Physics for Scientists and Engineers 3 <i>Prerequisites: MATH R122 and PHYS R132</i>	5.0
Required Core Mathematics Courses (15 units)		
MATH R120	Calculus with Analytic Geometry I <i>Prerequisites: MATH R115 and MATH R116 or MATH R117 or placement as determined by the college's multiple measures assessment process</i>	5.0
MATH R121	Calculus with Analytic Geometry II <i>Prerequisites: MATH R120</i>	5.0
MATH R122	Calculus with Analytic Geometry III <i>Prerequisites: MATH R121</i>	5.0
Total Required Major Units		30.0
CSU General Education <i>or</i> IGETC Pattern		37.0
Double-Counted Units		-(7.0)
Electives (CSU transferable units needed to reach 60)		0.0
Total Units required for the AA-T Degree		60.0



POLITICAL SCIENCE

ASSOCIATE IN ARTS DEGREE

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. *For more information, contact: Dr. Gloria Guevara (805) 678-5095 gguevara@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
POLS R100	Introduction to Politics	3.0
POLS R101	Government of the United States I: Institutions and Politics	3.0
POLS R102	Government of the United States: Institutions and Laws	3.0
POLS R104	Introduction to International Relations	3.0
POLS R108	Comparative Politics	3.0
Required Additional Courses (6 Units)		
ANTH R102/H	Introduction to Cultural Anthropology/Honors	3.0
CHST R107	History of Mexicans in the United States (HIST R107)	3.0
ECON R100	Modern American Economy <i>Advisories: ENGL R095 and ENGL R097 or equivalent</i>	3.0
ECON R101	Introduction to the Principles of Macroeconomics <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i>	3.0
ECON R102	Introduction to the Principles of Microeconomics <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i>	3.0
GEOG R102	World Regional Geography	3.0
HIST R110	History of the Middle East	3.0
HIST R126	History of Latin America	3.0
HIST R150/H	World History I/ Honors	3.0
HIST R160/H	World History II/ Honors	3.0
IDS R102	Science, Technology, and Human Values	3.0
PHIL R111	Critical Thinking and Analytic Writing <i>Prerequisites: ENGL R101 or R101H</i>	3.0
PHIL R114	Social Philosophy (SOC R114)	3.0
POLS R120	Political Theory	3.0
POLS R125/H	U.S. Foreign Policy & Covert Action/Honors (HIST R125/H)	3.0
PSY R103	Beginning Statistics for Behavioral Science <i>Prerequisites: PSY R101 or PSY R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or placement as determined by the college's multiple measures assessment process</i>	3.0
SOC R103	Race and Ethnic Relations	3.0
Total Required Major Units		18.0
CSU General Education or IGETC Pattern		38-41
Double-Counted Units		-(6-15)
Electives (CSU transferable units needed to reach 60)		7-19
Total Units required for the AA-T Degree		60

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



POLITICAL SCIENCE

ASSOCIATE IN ARTS FOR TRANSFER

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. *For more information, contact: Dr. Gloria Guevara (805) 678-5095 gguevara@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
POLS R101	Government of the United States I: Institutions and Politics	3.0

List A		Select three of the following courses (9 units):
Select three of the following courses (9 units):		
POLS R100	Introduction to Politics	3.0
POLS R104	Introduction to International Relations	3.0
POLS R108	Comparative Politics	3.0
POLS R120	Political Theory	3.0

List B		Select two of the following courses (6 units):
Select two of the following courses (6 units):		
ANTH R102/H	Introduction to Cultural Anthropology/Honors	3.0
ANTH R105	Sex, Gender and Culture	3.0
ANTH R110	People and Cultures of the World	3.0
ECON R100	Modern American Economy	3.0
	<i>Advisories: ENGL R095 and ENGL R097 or equivalent</i>	
ECON R101	Introduction to the Principles of Macroeconomics	3.0
	<i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i>	
ECON R102	Introduction to the Principles of Microeconomics	3.0
	<i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i>	
HIST R109	History of Mexico	3.0
HIST R117	History of American Women	3.0
HIST R130/H	History of the United States I/ Honors	3.0
HIST R140/H	History of the United States II/ Honors	3.0
HIST R150/H	World History I/ Honors	3.0
HIST R160/H	World History II/ Honors	3.0
POLS R102	Government of the United States: Institutions and Laws	3.0
POLS R125/H	U.S. Foreign Policy & Covert Action/Honors (HIST R125/H)	3.0
SOC R101/H	Introduction to Sociology/ Honors	3.0
SOC R102	Social Problems	3.0
SOC R104	Sex Roles	3.0
SOC R108	Sociology of the Chicano Community	3.0
SOC R125	Statistics for the Behavioral and Social Sciences	3.0
	<i>Prerequisites: MATH R005 or MATH R015 or placement as determined by the college's multiple measures assessment process</i>	

Total Required Major Units	18.0
CSU General Education or IGETC Pattern	38-41
Double-Counted Units	-(6-15)
Electives (CSU transferable units needed to reach 60)	7-19

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



Total Units required for the AA-T Degree

60



PSYCHOLOGY

ASSOCIATE IN ARTS DEGREE

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: MATH R105, MATH R105H, PSY R103, or SOC R125.** For more information, contact: Dr. Linda Chaparro (805) 678-5096 lchaparro@vcccd.edu

REQUIRED CORE CLASSES		UNITS
PSY R101/H	General Psychology/ Honors	3.0
PSY R102	Interpersonal Relations	3.0

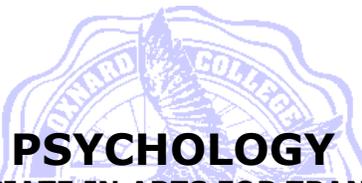
Choose one of the following statistics courses:		
PSY R103	Beginning Statistics for Behavioral Science <i>Prerequisites: PSY R101 or PSY R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or placement as determined by the college's multiple measures assessment process</i>	3.0
MATH R105/H	Introductory Statistics/ Honors <i>Prerequisites: MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0

And choose one of the following courses:		
PSY R104	Introduction to Experimental Psychology <i>Prerequisites: PSY R101 and PSY R103 and MATH R105 or MATH R105H</i>	3.0
-OR-		
PSY R105	Introduction to Physiological Psychology <i>Prerequisites: PSY R101</i>	3.0

Required Additional Courses:		
Complete one of the following courses:		
PHIL R101/H	Introduction to Philosophy/ Honors	3.0
PSY R104	Introduction to Experimental Psychology <i>Prerequisites: PSY R101 and PSY R103 and MATH R105 or MATH R105H</i>	3.0
PSY R105	Introduction to Physiological Psychology <i>Prerequisites: PSY R101</i>	3.0
PSY R108	Developmental Psychology	3.0
SOC R106	Contemporary Family in American Society	3.0

Plus one of the following:		
PSY R107	Sex Roles	3.0
PSY R110	Human Sexuality	3.0

Total Required Major Units	18-19
CSU General Education or IGETC Pattern	37-39
Double-Counted Units	-(12-18)
Electives (CSU transferable units needed to reach 60)	17-21
Total Units required for the AA-T Degree	60



PSYCHOLOGY

ASSOCIATE IN ARTS FOR TRANSFER

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: MATH R105, MATH R105H, PSY R103, or SOC R125. For more information, contact: Dr. Linda Chaparro (805) 678-5096 lchaparro@vcccd.edu

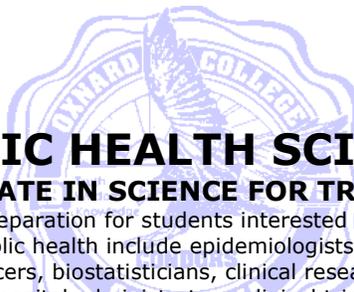
REQUIRED CORE CLASSES		UNITS
PSY R101/H	General Psychology/ Honors	3.0
PSY R104	Introduction to Experimental Psychology <i>Prerequisites: PSY R101 and PSY R103 and MATH R105 or MATH R105H</i>	3.0
-AND-		
PSY R103	Beginning Statistics for Behavioral Science <i>Prerequisites: PSY R101 or PSY R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or placement as determined by the college's multiple measures assessment process</i>	3.0
-OR-		
MATH R105/H	Introductory Statistics/ Honors <i>Prerequisites: MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	

List A		
Required Additional Course (3 units)		
PSY R105	Introduction to Physiological Psychology <i>Prerequisites: PSY R101</i>	3.0

List B		
Select the following course (3 units):		
PSY R108	Developmental Psychology	3.0

List C		
Select one of the following courses (3 units):		
PSY R102	Interpersonal Relations	3.0
PSY R107	Sex Roles	3.0
PSY R110	Human Sexuality	3.0
PSY R131	Abnormal Psychology	3.0

Total Required Major Units	18-19
CSU General Education or IGETC Pattern	37-39
Double-Counted Units	-(12-18)
Electives (CSU transferable units needed to reach 60)	17-21
Total Units required for the AA-T Degree	60



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 careers 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 adegreewithaguarantee.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. *For more information contact: Math, Science, Health, PE and Athletics Division Office*

REQUIRED CORE CLASSES		UNITS
HED R113	Introduction to Public Health Science	3.0
HED R104	Personal Health and Wellness <i>Advisories: ENGL R097 or ENGL R100</i>	3.0
ANAT R101	Human Anatomy <i>Prerequisites: ENGL R097 and BIOL R101 or BIOL R101H and BIOL R101L and MATH R015 or MATH R005 or MATH R014 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
PHSO R101	Human Physiology <i>Prerequisites: ANAT R101 and CHEM R104 or CHEM R110 and ENGL R097 and MATH R005 or MATH R014 or MATH R015 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	5.0
BIOL R101/H	General Biology/ Honors <i>Advisories: Concurrent enrollment in BIOL R101L and completion of ENGL R095 and ENGL R097 or ENGL R100 or ENGL R101 or ENGL R101H</i>	3.0
-AND-		
BIOL R101L	General Biology Laboratory <i>Prerequisites: BIOL R101 or BIOL R101H or concurrent enrollment Advisories: MATH R002 or MATH R005 or MATH R015</i>	1.0
PSY R101/H	General Psychology/ Honors	3.0
Choose one course in Chemistry		
CHEM R110	Elementary Chemistry <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or 1 year high school algebra or equivalent or placement as determined by the college's multiple measures assessment process</i>	5.0
CHEM R120	General Chemistry I <i>Prerequisites: CHEM R110 and MATH R015 or MATH R005 or MATH R014 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	5.0
Choose one course in Statistics		
MATH R105/H	Introductory Statistics/ Honors <i>Prerequisites: MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
PSY R103	Beginning Statistics for Behavioral Science <i>Prerequisites: PSY R101 or PSY R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or placement as determined by the college's multiple measures assessment process</i>	3.0
SOC R125	Statistics for the Behavioral and Social Sciences <i>Prerequisites: MATH R005 or MATH R015 or placement as determined by the college's multiple measures assessment process</i>	3.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



List A

Select one course (3-5 units. If a Biology course is selected, the corresponding Biology lab must also be taken.)

ECON R101	Introduction to the Principles of Macroeconomics <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i>	3.0
ECON R102	Introduction to the Principles of Microeconomics <i>Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i>	3.0
HED R103	Women's Health	3.0
HED R114	Introduction to Nutrition Science	3.0
PSY R110	Human Sexuality	3.0
SOC R101/H	Introduction to Sociology/ Honors	3.0
COMM R101	Introduction to Oral Communication	3.0
BIOL R120	Principles of Biology I <i>Prerequisites: CHEM R120 and MATH R005 or MATH R015 or placement based on multiple measurements assessments</i> <i>Advisories: ENGL R097 or ENGL R100 or ENGL R101</i>	4.0
-AND-		
BIOL R120L	Principles of Biology I Lab: Intro. to Cellular and Molecular Biology <i>Prerequisites: BIOL R120 or concurrent enrollment</i>	1.0
BIOL R122	Principles of Biology II <i>Prerequisites: BIOL R120 and BIOL R120L and ENGL R100 or ENGL R101 or ENGL R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or placement as determined by the college's multiple measures assessment process</i>	4.0
-AND-		
BIOL R122L	Principles of Biology II Lab <i>Prerequisites: BIOL R120 and BIOL R120L and BIOL R122 or concurrent enrollment</i>	1.0
MATH R106	Business Calculus <i>Prerequisites: MATH R014 or MATH R014B or MATH R015 or MATH R033 or placement as determined by the college's multiple measures assessment process</i> <i>Advisories: MATH R115</i>	4.0
MATH R115	College Algebra <i>Prerequisites: MATH R014 or MATH R014B or MATH R015 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
MATH R120	Calculus with Analytic Geometry I <i>Prerequisites: MATH R115 and MATH R116 or MATH R117 or placement as determined by the college's multiple measures assessment process</i>	5.0
PHYS R121	Physics with Calculus 1 <i>Prerequisites: MATH R120</i>	5.0
PHYS R122	Physics with Calculus 2 <i>Prerequisites: MATH R121 and PHYS R121</i>	5.0
PHYS R131	Physics for Scientists and Engineers 1 <i>Prerequisites: MATH R120</i>	5.0
PHYS R132	Physics for Scientists and Engineers 2 <i>Prerequisites: MATH R121 and PHYS R131</i>	5.0

Total Required Major Units	33-36
CSU General Education <i>or</i> IGETC Pattern	37-39
Double-Counted Units	-(13-21)
Electives (CSU transferable units needed to reach 60)	0-6
Total Units required for the AS-T Degree	60



RESTAURANT MANAGEMENT

Associate In Science Degree Certificate of Achievement

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 "green," and meet the across-the-board need being driven by major hotel and restaurant chains as well as privately owned hotels, clubs, and restaurants. This program 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. *For more information contact: Adam Hart (805) 678-5267 ahart@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
CRM R100	Principles of the Hospitality Industry	3.0
CRM R104	Sanitation and Environmental Control	3.0
CRM R106	Nutrition in Food Service	3.0
CRM R107	Dining Room Service <i>Prerequisites: CRM R100 and CRM R104</i>	2.5
CRM R109	Management by Menu	3.0
CRM R110	Hospitality and Cost Control	3.0
CRM R111	Food Purchasing and Receiving <i>Advisories: CRM R102A</i>	3.5
CRM R112	Food and Beverage Management	3.0
CRM R113	Bar and Beverage Management	3.0
CRM R115	Marketing of Hospitality Services <i>Advisories: BUS R132</i>	3.0
Total Required Major Units		30.0
Oxnard College General Education Pattern		29.0
Double-Counted Units		0.0
Free Electives Required		1.0
Total Units required for the A.S. Degree		60.0

*****For many classes a negative TB test is required – Check the OC catalog for more information**

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



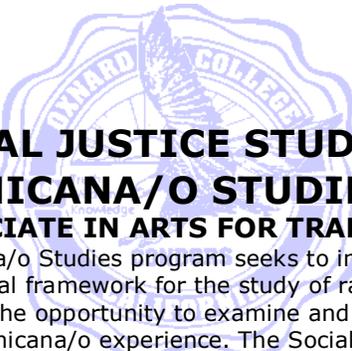
RESTAURANT MANAGEMENT

Associate In Science Degree Certificate of Achievement

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REQUIRED CORE CLASSES		UNITS
CRM R100	Principles of the Hospitality Industry	3.0
CRM R104	Sanitation & Environmental Control	3.0
CRM R106	Nutrition in Food Service	3.0
CRM R107	Dining Room Service <i>Prerequisites: CRM R100 and CRM R104</i>	2.5
CRM R109	Management by Menu	3.0
CRM R110	Hospitality and Cost Control	3.0
CRM R111	Food Purchasing and Receiving <i>Advisories: CRM R102A</i>	3.5
CRM R112	Food and Beverage Management	3.0
CRM R113	Bar and Beverage Management	3.0
CRM R115	Marketing of Hospitality Services <i>Advisories: BUS R132</i>	3.0
Total Required Major Units		30.0
Oxnard College General Education Pattern		29.0
Double-Counted Units		0.0
Free Electives Required		1.0
Total Units required for the A.S. Degree		60.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



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, Liberal Studies - Border Studies Option and Ethnic Studies. For a complete current list of majors deemed to be similar by each CSU campus, visit adegreewithaguarantee.com. See page 70 for more information. For more information contact: Dr. Linda Chaparro (805) 678-5096 lchaparro@vcccd.edu

REQUIRED CORE CLASSES		UNITS
CHST R101	Introduction to Chicana/o Studies	3.0
Select one of the following courses (3 units):		
SJS R110	Introduction to Chicana/o Studies	3.0
SOC R103	Introduction to Social Justice Studies	3.0
Select one of the following courses (3 units):		
SJS R120	Introduction to Women's Studies	3.0
SJS R130	Introduction to LGBTQ Studies	3.0
PSY R107	Sex Roles (SOC R104)	3.0

List A

Select three courses from at least two of the following five areas for a minimum of 9 units.

Area 1: History

CHST R107	History of Mexicans in the United States (HIST R107)	3.0
HIST R109	History of Mexico	3.0

Area 2: Arts and Humanities

ART R174	Latin American Art <i>Advisories: ENGL R101</i>	3.0
MUS R109	Music of Latin America	3.0
SPAN R117	Latin American Literature <i>Prerequisites: SPAN R103 or SPAN R140 or placement as determined by the college's multiple measures assessment process</i> <i>Advisories: SPAN R104 or SPAN R141</i>	3.0

Area 3: Social Science

CHST R102	Chicana/o Cultural Identity	3.0
BRS R101	Introduction to Border Studies (ANTH R119)	3.0
SOC R108	Sociology of the Chicano Community	3.0

Area 4: Quantitative Reasoning and Research Methods No more than one course from this area may be used.

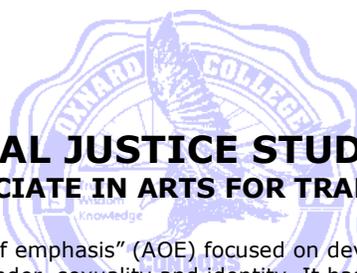
PSY R103	Beginning Statistics for Behavioral Science <i>Prerequisites: PSY R101 or PSY R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or placement as determined by the college's multiple measures assessment process</i>	3.0
SOC R125	Statistics for the Behavioral and Social Sciences <i>Prerequisites: MATH R005 or MATH R015 or placement as determined by the college's multiple measures assessment process</i>	3.0
MATH R105/H	Introductory Statistics/ Honors <i>Prerequisites: MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0
PSY R104	Introduction to Experimental Psychology <i>Prerequisites: PSY R101 and PSY R103 and MATH R105 or MATH R105H</i>	3.0
SOC R111	Introduction to Social Research	3.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



Prerequisites: SOC R101 or SOC R101H

Area 5: Additional Major Preparation		
SPAN R103	Intermediate Spanish 1 <i>Prerequisites: SPAN R102</i>	5.0
SPAN R104	Intermediate Spanish 2 <i>Prerequisites: SPAN R103</i>	5.0
SPAN R140	Spanish for Heritage Speakers 1 <i>Advisories: SPAN R102</i>	5.0
SPAN R141	Spanish for Heritage Speakers 2 <i>Prerequisites: SPAN R140</i>	5.0
Total Required Major Units		18-20
CSU General Education or IGETC Pattern		37-39
Double-Counted Units		-(9-18)
Electives (CSU transferable units needed to reach 60)		10-23
Total Units required for the AA-T Degree		60

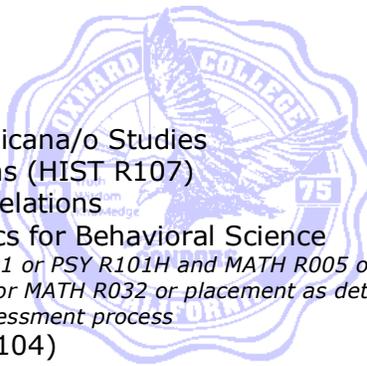


SOCIAL JUSTICE STUDIES - ASSOCIATE IN ARTS FOR TRANSFER

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. *For more information, contact: Dr. Arion Melidonis (805) 678-5044 amelidonis@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
List A		
Select one of the following courses (3 units):		
SJS R110	Introduction to Chicana/o Studies	3.0
SOC R103	Introduction to Social Justice Studies	3.0
List B		
Select one of the following courses (3 units):		
SJS R120	Introduction to Women's Studies	3.0
SJS R130	Introduction to LGBTQ Studies	3.0
SOC R104	Sex Roles (PSY R107)	3.0
List C		
Select one of the following courses (3 units): 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.		
***** Any course from List A or List B not already selected above.		
ANTH R105	Sex, Gender and Culture	3.0
ANTH R107	The Anthropology of Native Americans	3.0
ANTH R114	African American Culture and Experience	3.0
CHST R101	Introduction to Chicana/o Studies	3.0
CHST R107	History of Mexicans in the United States (HIST R107)	3.0
HIST R108	African-American History	3.0
SOC R108	Sociology of the Chicano Community	3.0
Students are required to take a total of three courses (9 units) from at least two of the following areas (1-5) listed below:		
List D		
Area 1 - History or Government. Select up to two of the following courses (0-6 units):		
CHST R107	History of Mexicans in the United States (HIST R107)	3.0
HIST R108	African-American History	3.0
HIST R117	History of American Women	3.0
List E		
Area 2 - Arts and Humanities. Select up to two of the following courses (0-6 units):		
ENGL R124	Introduction to LGBTIQ Literature <i>Prerequisites: ENGL R101 or ENGL R101H</i>	3.0
List F		
Area 3 - Social Sciences. Select up to two of the following courses (0-6 units):		
ANTH R105	Sex, Gender and Culture	3.0
ANTH R107	The Anthropology of Native Americans	3.0
ANTH R114	African American Culture and Experience	3.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



CHST R101	Introduction to Chicana/o Studies	3.0
CHST R107	History of Mexicans (HIST R107)	3.0
SOC R103	Race and Ethnic Relations	3.0
PSY R103	Beginning Statistics for Behavioral Science	3.0
	<i>Prerequisites: PSY R101 or PSY R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or placement as determined by the college's multiple measures assessment process</i>	
PSY R107	Sex Roles (SOC R104)	3.0
SOC R108	Sociology of the Chicano Community	3.0

List G

Area 4 - Quantitative reasoning and research methods. Select up to two of the following courses (0-6 units):

MATH R105/H	Introductory Statistics/ Honors	4.0
	<i>Prerequisites: MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	
PSY R103	Beginning Statistics for Behavioral Science	3.0
	<i>Prerequisites: PSY R101 or PSY R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or placement as determined by the college's multiple measures assessment process</i>	
SOC R125	Statistics for the Behavioral and Social Sciences	3.0
	<i>Prerequisites: MATH R005 or MATH R015 or placement as determined by the college's multiple measures assessment process</i>	

List H

Area 5 - Major preparation. Select up to two of the following courses (0-6 units): Courses can only be utilized to fulfill List H if they have not already been utilized to fulfill List A, B or C

ANTH R105	Sex, Gender and Culture	3.0
ANTH R107	The Anthropology of Native Americans	3.0
ANTH R114	African American Culture and Experience	3.0
CHST R101	Introduction to Chicana/o Studies	3.0
CHST R107	History of Mexicans (HIST R107)	3.0
HIST R108	African-American History	3.0
HIST R109	History of Mexico	3.0
PSY R101/H	Introduction to Sociology/Honors	3.0
SOC R103	Race and Ethnic Relations	3.0
SOC R108	Sociology of the Chicano Community	3.0
SPAN R117	Latin American Literature	3.0
	<i>Prerequisites: SPAN R103 or SPAN R140 or placement as determined by the college's multiple measures assessment process</i>	
	<i>Advisories: SPAN R104 or SPAN R141</i>	

Total Required Major Units	18.0
CSU General Education <i>or</i> IGETC Pattern	37-39
Double-Counted Units	-(18)
Electives (CSU transferable units needed to reach 60)	21-23
Total Units required for the AA-T Degree	60



SOCIOLOGY

Associate In Arts Degree

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: MATH R105, MATH R105H, PSY R103, or SOC R125. For more information, contact: Juan Pitones (805) 678-5240 jpitones@vcccd.edu

REQUIRED CORE CLASSES		UNITS
SOC R101/H	Introduction to Sociology/ Honors	3.0
SOC R102	Social Problems	3.0
SOC R111	Introduction to Social Research	3.0
<i>Prerequisites: SOC R101 or SOC R101H</i>		
Plus one of the following courses:		
Complete one of the following courses:		
SOC R104	Sex Roles (PSY R107)	3.0
SOC R105	Aging in the United States	3.0
SOC R106	Contemporary Family in American Society	3.0
SOC R114	Social Philosophy	3.0
SOC R125	Statistics for the Behavioral and Social Sciences	3.0
<i>Prerequisites: MATH R005 or MATH R015 or placement as determined by the college's multiple measures assessment process</i>		
Complete one of the following courses:		
ANTH R110	People of the World: The Cultures of Globalization and Change	3.0
HIST R107	History of Mexicans in the United States	3.0
HIST R108	African-American History	3.0
SOC R116	Crime and Society	3.0
SOC R118	Introduction to Human Services and Social Welfare	3.0
SOC R125	Statistics for the Behavioral and Social Sciences	3.0
<i>Prerequisites: MATH R005 or MATH R015 or placement as determined by the college's multiple measures assessment process</i>		
Total Required Major Units		18.0
Oxnard College General Education Pattern		29.0
Double-Counted Units		-(3-9)
Free Electives Required		16-22
Total Units required for the A.A. Degree		60.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



SOCIOLOGY

ASSOCIATE IN ARTS FOR TRANSFER

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: MATH R105, MATH R105H, PSY R103, or SOC R125. For more information, contact: Juan Pitones (805) 678-5240 jpitones@vcccd.edu

REQUIRED CORE CLASSES		UNITS
SOC R101/H	Introduction to Sociology/ Honors	3.0
Required Additional Courses (6 units Minimum):		
SOC R102	Social Problems	3.0
SOC R111	Introduction to Social Research <i>Prerequisites: SOC R101 or SOC R101H</i>	3.0
SOC R125	Statistics for the Behavioral and Social Sciences <i>Prerequisites: MATH R005 or MATH R015 or placement as determined by the college's multiple measures assessment process</i>	3.0
-OR-		
MATH R105/H	Introductory Statistics/ Honors <i>Prerequisites: MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0

List A		
Select two of the following courses (6 units):		
SOC R103	Race and Ethnic Relations	3.0
SOC R104	Sex Roles (PSY R107)	3.0
SOC R106	Contemporary Family in American Society	3.0
SOC R116	Crime and Society	3.0

Total Required Major Units	18-19
CSU General Education <i>or</i> IGETC Pattern	37-39
Double-Counted Units	-(9-12)
Electives (CSU transferable units needed to reach 60)	11-14
Total Units required for the AA-T Degree	60



SPANISH ASSOCIATE IN ARTS FOR TRANSFER

In our multicultural society and global economy, learning a second language has become an essential skill. Spanish is one of the languages most used in education, business, diplomacy, health, government, and the arts. The Spanish program at Oxnard College offers a variety of courses in Spanish language, cultures, literature and film, leading to an Associate in Arts in Spanish for Transfer (Spanish AA-T). There are courses designed for non-Spanish speakers and for heritage speakers of Spanish. Classes are offered in two modalities: face-to-face and hybrid. Heritage speakers of Spanish are strongly encouraged to take the voluntary Spanish assessment test and see a counselor to determine their appropriate course placement level. Students planning to transfer to a CSU or UC campus to complete a Bachelor's degree in Spanish are advised to refer to the official articulation agreements on www.assist.org for the most current requirements of their intended transfer institution and should work with a counselor to create a transfer plan. *For more information, contact: Elissa Caruth ecaruth@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
SPAN R101	Elementary Spanish 1	5.0
SPAN R102	Elementary Spanish 2 <i>Prerequisites: SPAN R101 or placement as determined by the college's multiple measures assessment process</i>	5.0
SPAN R103	Intermediate Spanish 1 <i>Prerequisites: SPAN R102</i>	5.0
-OR-		
SPAN R140	Spanish for Heritage Speakers 1 <i>Advisories: SPAN R102</i>	5.0
SPAN R104	Intermediate Spanish 2 <i>Prerequisites: SPAN R103</i>	5.0
-OR-		
SPAN R141	Spanish for Heritage Speakers 2 <i>Prerequisites: SPAN R140</i>	5.0

Note: Credit will not be granted for both SPAN R103 and R140, or for both SPAN R104 and R141. Students beginning the major at SPAN R102, SPAN R103, SPAN R140, SPAN R104, or SPAN R141 will need to select a course or courses from the Substitution List below to total a minimum of 16 units in the required core.

Substitution Courses for Students Who Do Not Have a Minimum of 16 Units in Core Courses		
SPAN R118	Latin American and Spanish Film <i>Advisories: SPAN R103 or SPAN R140 or a score of 429 or above on the Spanish Assessment Test</i>	3.0
CHST R101	Introduction to Chicana/o Studies	3.0
HIST R109	History of Mexico	3.0
CHST R107	History of Mexicans in the United States	3.0
COMM R113	Intercultural Communication	3.0
ART R172	Art of the Ancient Americas	3.0
ART R174	Latin American Art <i>Advisories: ENGL R101</i>	3.0

List A		
Select one of the following courses (3 units)		
SPAN R117	Latin American Literature <i>Prerequisites: SPAN R103 or SPAN R140 or placement as determined by the college's multiple measures assessment process</i>	3.0
SPAN R119	Cultures of Latin America <i>Advisories: SPAN R103 or SPAN R140</i>	3.0
HIST R126	History of Latin America	3.0

Total Required Major Units	19-23
CSU General Education or IGETC Pattern	37-39
Double-Counted Units	-(6-18)
Electives (CSU transferable units needed to reach 60)	4-22
Total Units required for the AA-T Degree	60

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



STUDIO ARTS

ASSOCIATE IN ARTS FOR TRANSFER

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!. *For more information contact: Christine Morla (805) 678-5046 cmorla@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
ART R103	Western Art II: Renaissance to Contemporary	3.0
ART R104A	Color and Design: 2-D	3.0
ART R106A	Drawing and Composition I	3.0
ART R180	3-D Foundations	3.0

List A

Art History restricted electives: Select one course from the following (3 units)

ART R102	Western Art I: Prehistory through the Middle Ages <i>Advisories: ENGL R101</i>	3.0
ART R171	Survey of Modern Art	3.0
ART R172	Art of the Ancient Americas	3.0
ART R174	Latin American Art <i>Advisories: ENGL R101</i>	3.0

List B

Studio Arts restricted electives (9 units)

Drawing: Select no more than one course from drawing (0-3units)

ART R126A	Life Drawing I <i>Prerequisites: ART R106A</i>	3.0
ART R106B	Drawing and Composition II <i>Prerequisites: ART R106A</i>	3.0

Painting: Select no more than one course from painting (0-3 units)

ART R110A	Beginning Acrylic Painting	3.0
ART R108A	Beginning Oil Painting	3.0

Other Media: Select no more than one course from other media (0-3 units)

ART R104B	Color Theory <i>Prerequisites: ART R104A</i>	3.0
ART R155	Beginning Sculpture	3.0
ART R160	Introduction to Digital Photography	3.0
ART R175	Introduction to Digital Art	3.0

Total Required Major Units	18-20
CSU General Education <i>or</i> IGETC Pattern	37-39
Double-Counted Units	-(9-18)
Electives (CSU transferable units needed to reach 60)	12-23
Total Units required for the AA-T Degree	60

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**



USLA LIFEGUARD ACADEMY I

Proficiency Award
(Awarded By The Department)

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. *For more information, contact: Public Safety Division Office 805-678-5115*

REQUIRED CORE CLASSES		UNITS
FT R090	USLA Lifeguard Academy I <i>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</i>	3.0
Total Required Units for the Award		3.0

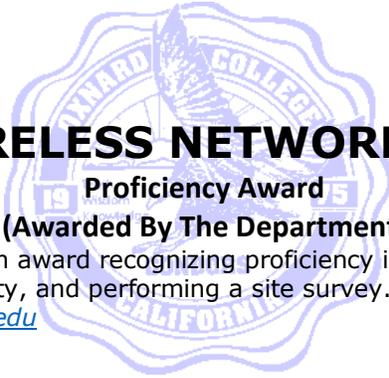


WILDLAND FIRE ACADEMY

Proficiency Award
(Awarded By The Department)

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. *For more information, contact: Public Safety Division Office 805-678-5115*

REQUIRED CORE CLASSES		UNITS
FT R180	Wildland Fire Academy <i>Prerequisites: FT R151 and EMT R109</i> <i>Limitations: No acrylic or long nails in clinical settings Physical examination demonstrating general good health</i>	7.5
Total Required Units for the Award		7.5



WIRELESS NETWORKING

Proficiency Award

(Awarded By The Department)

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. *For more information contact: Alex Lynch (805) 678-5061 alynch@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
CNIT R127	Wireless Networking Fundamentals	3.0
-AND-		
CNIT R120	Cisco CCNA Computer Networking I	4.0
-OR-		
CNIT R144	CompTIA Security+ Fundamentals and Certification Prep	4.0
Total Required Units for Award		7.0