

Oxnard College

Building a Community of Learners



“The central task of education is to implant a will and a facility for learning; it should produce not learned but learning people. The truly human society is a learning society, where grandparents, parents, and children are students together.”

Eric Hoffer

College Catalog
Summer 2000 through Summer 2002

OXNARD COLLEGE

4000 South Rose Avenue, Oxnard, California 93033-6699 • (805) 986-5800 (805) 654-6370
www.oxnard.cc.ca.us

CATALOG

Summer 2000 through Summer 2002



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About the covers: Designer - Dr. Anthony Tricoli
Photographer - Jim Englund
Graphic Design - Freestyle - Mike Thomas



President's Welcome

As President, I welcome all of you to Oxnard College, Ventura County's premier community college. Our overall mission is to provide quality educational experiences for our students through a general education transfer curriculum, preparation in professional career areas, and life-long learning. We are a very friendly and student oriented college because we believe education empowers people to transform their lives.

Oxnard College has an excellent academic reputation, a very committed, professional faculty, and on-going articulation agreements with many other colleges and universities such as the University of California system, the California State Universities including the new California State University, Channel Islands campus located six miles from Oxnard College, and major private institutions, as well. Students who graduate from our campus are well positioned to transfer to four-year programs elsewhere and/or to compete for jobs in industry and community settings in their chosen careers.

Oxnard College is located near the beautiful Pacific Coast between Santa Monica and Santa Barbara. In addition, we are in close proximity to the offshore Channel Islands, the commercial Port of Hueneme and Channel Islands Harbor. The communities we serve include Camarillo, the Oxnard Plain, Port Hueneme, the City of Oxnard and, in cooperation with others, the "Digital" Coast communities.

We have many innovative, programmatic initiatives, plus newly-constructed and remodeled facilities and computer labs to support your learning activities. As you come to Oxnard College, please avail yourself of our rich technological and faculty resources, as well as OC's support systems which are constantly being strengthened and developed to better serve your educational needs.

Thank you for selecting Oxnard College. We are here to help you succeed!

Mr. Michael D. Gregoryk, (Interim) President

STUDENT DATA FALL 1999

Enrollment:

Full-time	3,621	
Part-time	4,018	
Female	4,279	56.2%
Male	3,334	43.8%
TOTAL	7,639	

Student Age:

Under 18	4.4%
18-20	24.7%
21-25	23.9%
26-30	12.2%
31-40	17.8%
41-50	11.1%
Over 51	5.9%

Ethnicity:

African American	5.7%
Asian/Filipino/Pacific Island	11.1%
Hispanic	52.4%
Native American	4.8%
White	26.6%
Other	0.6%
Unreported	2.6%

FINANCIAL AID

Total financial aid awarded \$3,982,045 1999/2000

DEGREES FALL 1999/SPRING 2000

Associate Degrees Awarded 377

INTERNATIONAL STUDENT DATA SPRING 2000

Students enrolled 133

Countries represented:

Argentina, Armenia, Belgium, Brazil, China (Hong Kong), Colombia, Englund, India, Japan, Korea, Kuwait, Mexico, Myanmar (Burma), Niger, Saudi Arabia, Senegal, Sweden, Syria, Taiwan, Thailand, Tunisia.

College Administrators

Mr. Michael D. Gregoryk (Interim) President, Oxnard College
 Dr. Anthony S. Tricoli Executive Vice President, Student Learning
 Mr. Eloy Oakley Vice President, College Services
 Mr. Jerry Barkley (Interim) Dean, Business/Technology
 (vacant) Dean, Instruction & Innovation
 Dr. Jaime Casillas Dean, Off-Campus Programs
 Ms. Delois J. Flowers Dean, Library/Learning Resources
 Dr. Steven C. Hall Dean, Math, Science & Health
 Dr. Don R. Low (Interim) Dean, Student Services
 (vacant) Dean, Resource & Economic Development
 Mr. Ramiro R. Sanchez Dean, Liberal Education

The Ventura County Community College District Governing Board

Chief Robert S. Gonzales, President Fillmore/Piru/Meiner's Oaks/Oak View/Ojai/Santa Paula
 W. Las Posas Valley/Las Posas Estates/Camarillo/Somis/Mission Oaks and Leisure Village
 Dr. Norman J. Nagel, Vice President Part of Oxnard Plain/Point Mugu/Santa Rosa Valley/
 Newbury Park/Thousand Oaks/Westlake Village (Ventura County portion)/
 Hidden Valley/Yerba Buena and Oak Park
 Mr. John D. Tallman, Member Ventura/Saticoy/Nyeland Acres/Channel Islands/Silver Strand/
 North Oxnard/Ocean View/Port Hueneme and the Construction Battalion Center
 Dr. Allan W. Jacobs, Member E. Las Posas Valley/Moorpark/Simi Valley/Santa Susana
 Mr. Arturo D. Hernández, Member South Oxnard/Colonia/El Rio
 Ms. Becky Lawson Student Trustee

District Administrators

Dr. Philip Westin Chancellor
 Mr. Michael D. Gregoryk Deputy Chancellor
 Dr. Dennis Cabral Associate Vice Chancellor, Student Learning

Student Campus Accident Procedures

If you have an accident on campus, it is your responsibility to fill out an Accident Report immediately. This report is available in the Health Center, Campus Police Trailer, and the Continuing Education Office. The Health Center has to be notified that you have had an accident so that we can inform you about your Student Accident Policy. In the event of an accident that requires you to seek outside medical attention, there is a \$50 deductible per accident. To have all of your additional medical expenses covered you need to see a Health Care Provider that is on the list. This list can be obtained in the Health Center.
 For further information contact: Student Health Center at 986-5832.

General Information

History of the College

Historically, the need for a community college serving the Oxnard Plain was recognized by the Oxnard, Camarillo, and Port Hueneme communities and the governing board and administration of the Ventura County Community College District (VCCCD) since the district was formed in 1962.

Founded on the understanding established in those early years, the 118-acre college site was purchased in 1968. In 1969, the first classes offered under an Oxnard Center concept were offered at Ramona School in Oxnard.

The Oxnard Center program expanded in the fall of 1973 with the opening of the Oxnard Educational Center at 9th and B Streets in Oxnard, under the direction of Ventura College; in February, 1974, a Camarillo Center opened under the auspices of Moorpark College.

The 2000 AD Educational Master Plan and strong support from the Oxnard-Port Hueneme area focused attention on the need for a third college in the spring of 1974, and the Board of Trustees officially voted to build Oxnard College (OC) on March 26, 1974.

The college opened its doors in June 1975 for its first summer session, utilizing the Oxnard and Camarillo centers begun by the other two colleges in the district, and adding classes at a variety of sites throughout the Oxnard Plain. By mid-fall 1975 Oxnard College had more than 4,400 students enrolled and during the spring semester that number was even higher—in all likelihood a record enrollment for first-year community colleges in this state.

In fall, 1979, the first two permanent buildings were occupied on the campus. A Liberal Arts Building housing 20 classrooms plus science and business laboratories and faculty office wings, and a Library/Learning Resources Center consisting of the College Library, Learning Center, general classrooms, and administrative and student services offices.

The more recently constructed Occupational Education Building houses the college's information processing, air conditioning and refrigeration, hotel and restaurant management, electronics, and word processing programs.

A new Child Development Center opened in early 1992, and a new Physical Education Complex with basketball and racquetball courts, showers and lockers, dance room and weight training facilities officially opened in the fall of 1994. The construction of the Letters and Science Building was completed and occupied in 1997. Other campus buildings include two relocatable classroom buildings, a vocational shop building, a student services center, student activities center, and a food services facility.

The Ventura County Community College District and Oxnard College recently entered into an agreement with the County of Ventura to house a Job and Career Center on campus. The Center provides local residents with career training and supportive social services necessary to achieve their career goals. The Center consists of four modular buildings with 15,800 square feet of office and work space where career specialists can assist job seekers, provide information about available child care services and educational opportunities and career training at Oxnard College. The Center also houses the Oxnard College Economic Development Center.

The next permanent building to be constructed on campus will be the Community and Student Services Center "Commons" Building. Construction on the building is scheduled to begin late 2001.

Oxnard College continues to be committed to developing a comprehensive educational program as well as a comprehensive campus environment for the students of its service area.

Mission of the College

The Oxnard College mission is to embrace its diverse community by providing excellent and unique educational programs in a collaborative, nurturing, safe environment that promotes success and lifelong learning. The college community strives to exemplify the following core values:

Diversity and Commonality

We value others and ourselves as unique individuals and embrace the commonalities and the differences that promote the best of who we are.

Excellence

We value vision, creativity, risk taking and innovation to achieve and sustain excellence.

Integrity and Civility

We value integrity, honesty and congruence in action and word by demonstrating kindness and respect in all our interactions.

Learning

We value learning as a lifelong process in the pursuit of knowledge and personal growth.

Shared Decision Making

We value shared decision making (shared governance) as the process that provides each of us the opportunity to build consensus.

Vision

The collaborative learning community of Oxnard College will:

- rely upon scholarly, comprehensive, and current knowledge in all areas of instruction and service;
- provide innovative, appropriate, and effective instruction for student success;
- facilitate and maximize students use of services that enables their educational success;
- encourage students to enjoy self-reliant, lifelong learning;
- ensure student and staff access to technology and develop proficiency in all forms of communication, information retrieval, critical thinking and applied analysis;
- demonstrate and embrace respect for varied educational needs and cultural contributions;
- enhance our students' connections to the world by promoting leadership qualities, their understanding of global interdependence, their appreciation of vast diversity of human cultures, and their cross-cultural competencies;
- establish mutually beneficial relationships with the industries and communities we serve;
- provide leadership and resources for economic development and for improving the quality of life within the region;
- challenge students and the entire staff to a commitment in serving their communities and fellow human beings;
- promote a community culture of kindness, respect and integrity;
- secure sufficient resources—material, financial and otherwise—to facilitate the accomplishment of all of the above.

Nature of the College

Oxnard College is a locally-controlled, public comprehensive two-year college, part of the California state system of higher education. As such, and in keeping with the policies of both the Ventura County Community College District Board of Trustees and the State Legislature, the college exists to serve members of the community who are high school graduates or who are over the age of 18 and capable of profiting from instruction.

Philosophy of the College

Wise I may not call them; for that is a great name that belongs to God alone—lovers of wisdom or philosophers is their modest and befitting title.

—Socrates

Oxnard College is dedicated to the philosophy of providing educational programs that develop individual abilities, strengthen human relationships, enhance community life, and heighten global consciousness. We recognize that the process of education is a process of exploration that depends on mutual responsibility.

The College schedules programs that reflect changing local, national, and international needs. Dedicated professionals create an environment that stimulates intellectual curiosity, nurtures learning, and develops an understanding of society and how individuals can influence its workings. The students develop self-understanding, pursue educational objectives, and ultimately stand accountable for their own progress.

Oxnard College celebrates diversity and cultural understanding at all levels throughout the campus. Cultural and aesthetic activities are also relevant in today's society and are to be fostered. The College strives to provide open-access to educational opportunities so that every adult, regardless of age, sex, race, disability, or ethnic, socioeconomic, cultural or educational background shall have the opportunity for appropriate education to fulfill his or her potential.

Oxnard College looks to the past to understand the present in order to produce a more successful future. It strives to be innovative and responsive to the educational needs and demands of society in an atmosphere of shared governance, mutual respect, and trust. Oxnard College is responsive not only to community needs but also to the needs of our larger society.

Accreditation

Oxnard College is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges, (3402 Mendocino Avenue, Santa Rosa, CA 95403 (707) 569-9177), an institutional accrediting body recognized by the Commission on Recognition of Postsecondary Accreditation and the U.S. Department of Education.

Affirmative Action

The Ventura County Community College District and its three colleges are committed to providing equal opportunity in instruction, employment, and related services regardless of age, race, color, sex, national origin, religion, or disability in accordance with the requirements of Titles VI and VII of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; Americans with Disabilities Act of 1990; and Sections 503 and 504 of the Rehabilitation Act of 1973, as amended. If you feel that you have been discriminated against in regard to any of these programs or activities, please contact the Oxnard College Executive Vice President of Student Learning Office.

Gender Equity

To provide a workplace free of gender discrimination, Dr. Joyce Parkel (986-5800, ext. 2073), has been appointed to coordinate Title IX and Gender Equity efforts and to process complaints. (Title IX, Educational Amendments of 1972, Section 106.B)

Unlawful Discrimination

Unlawful discrimination complaints shall be forwarded to the District Office of Human Resources/Staff Diversity (384-8307), for review and disposition according to appropriate State and District discrimination procedures. (Title V, Section 59324)

AIDS in the Workplace

Following the Governing Board's adopted policy on AIDS in the Workplace, the District is committed to a course of action which will prevent the spread of the AIDS virus, reduce fears and dispel myths about the disease AIDS; protect the rights of persons with AIDS virus infections; and create an informed and supportive campus community.

Additional inquiries regarding these laws and regulations and the corresponding Ventura County Community College District Governing Board policies may be directed to:

District Office of Human Resources/Staff Diversity
333 Skyway Drive
Camarillo, California 93010

(805) 384-8307

Community Services

Community Services is a self-supporting outreach function of Oxnard College pledged to provide the community with a variety of unique educational, recreational and personal development classes, seminars and workshops.

In addition, as authorized by the Civic Center Act, the Community Services office schedules and coordinates the use of college facilities by off-campus organizations and individuals.

For information regarding any Community Services program or function call (805) 986-5822 or visit our office in the Occupational Education Building.

Critical Thinking Goal

Oxnard College provides an environment which encourages open-minded, independent, and critical thinking. Classes are structured to emphasize in-depth learning of fundamentals. Students are expected to take responsibility for their own learning. This means that students are expected to learn the art of independent study and to develop sound intellectual habits such as clarity, precision, and accuracy of thought; fair-mindedness; and conclusions drawn from facts and principles rather than prejudice, distortion, or half-truths.

Courses help students to develop and apply critical thinking skills to the various areas of college study and to transfer such competencies both to problems that cross disciplines and to complex problems in life. Analytical and inferential thinking are encouraged so that students practice, as Robert Ennis said, "reasonable reflective thinking that is focused on deciding what to believe or do."

Memberships

Oxnard College is a member of the American Association of Community and Junior Colleges, the Community College League of California, and the Western State Conference.

Admissions Information

Eligibility

Admission to Oxnard College is open to any high school graduate, anyone possessing a high school proficiency certificate, GED, or any adult 18 years of age or older and capable of profiting from instruction. Students entering any of the public community colleges of California are subject to the residency requirements as determined by the State of California.

A student is eligible to attend Oxnard College if he or she has been a legal resident for one year and 24 hours prior to the first day of the semester. Students whose legal residence is in another state or in a foreign country may be admitted under conditions stipulated by the Governing Board and on payment of tuition fees.

The right of a student to attend any community college in this district is conditioned by certain admissions and residency qualifications as provided by law. Students disqualified from other institutions must petition through the Admissions & Records Office for permission to enter.

Further information is listed under Residency Requirements, or may be obtained from the Admissions & Records Office.

Admission Procedure

Application for Admission

An application for admission may be obtained by contacting:

Oxnard College
Admissions & Records Office
4000 South Rose Avenue
Oxnard, California 93033-6699
(805) 986-5810

The application should be completed promptly and returned to the Admissions & Records Office.

Social Security

Social Security numbers are used for student identification, so all students should be prepared to present their Social Security cards at the time of enrollment. If a student does not possess a Social Security number, a student number will be assigned.

Transcript Requirements

The requirements for official copies of high school and/or college and university transcripts are as follows:

1. All new students are required to have their past transcripts sent if they have attended high school in the past three years.
2. All veterans and financial aid students are required to send official transcripts of any courses completed at other colleges and universities.
3. All students enrolling in any math courses are required to send transcripts of any math courses completed either in high school or at other colleges and universities during the past three years.
4. All applicants for associate degrees and/or certificates of achievement are required to send transcripts of any courses completed at other colleges and universities.
5. Special programs with special admission requirements require a student to file all high school and college transcripts to verify eligibility.
6. All other students are urged to have transcripts of both high school and college work forwarded to Oxnard College.

Educational Work Load

A student's educational work load generally consists of fifteen (15) units of work per semester in order to make normal progress towards the AA/AS degree and/or transfer requirements.

Students desiring to take an overload—more than 19.5 units but less than twenty-two (22)—must have a counselor's approval. Students desiring to take twenty-two (22) units or more must have the approval of the Dean of Student Services in addition to the counselor's approval.

Registration

Class schedules will be published prior to the summer intersession and fall and spring semesters. Please follow the instructions outlined in these schedules.

Late Registration

Late registration will take place after the beginning of instruction, as stipulated in the pertinent class schedule.

Courses Open to Enrollment

Each course offered by the Ventura County Community College District and its colleges is fully open to enrollment and participation by any person who has been admitted to the college and who meets the prerequisites to the class or program, unless specifically exempted by statute.

Matriculation

Matriculation is a process which results in an agreement between Oxnard College and the student for the purpose of defining and realizing the student's educational goal. This agreement includes responsibilities for both the college and the individual student, and results in a Student Educational Plan.

First-time students cannot register by telephone unless they have completed the matriculation process or have either been waived or exempted from the process by the Admissions & Records Office.

All students are encouraged to complete the matriculation process.

Steps to Success

Step 1—Admissions

Being Admitted to the College

Applications are available in the Admissions & Records Office in the LRC building. First-time students turn in their application in person to the same place (A&R Office). During this step to success, students receive an overview of the matriculation process and their rights and responsibilities in regard to matriculation.

Step 2—Assessment

Understanding Your Scholastic Talents and Selecting Courses that Match those Talents

This session is conducted in a group setting by our matriculation specialist. Student interests, past academic record, college readiness, aptitudes, work schedule, and other criteria are recorded. Please see current schedule of classes for assessment dates.

Step 3—Orientation

Getting to Know Us and You

Students receive information regarding the matriculation process, the registration process, orientation, counseling availability, assessment, student services, and other services available.

Step 4—Group Counseling/Advisement

Planning for Your Classes

With the help of counselors students develop a one-semester educational plan that includes a list of prospective courses to select from during registration. Steps 3 and 4 occur in the same session.

Students who need additional assistance can then choose to see a counselor on an individual or group basis. A drop-by counselor is also available to handle quick questions. The counseling center is located in the LRC building, Room 22.

Step 5—Registration

Selecting Your First-Semester Schedule of Courses and Enrolling in Them

Using the information developed in the matriculation process, students select their class schedule and register for classes. Students who have completed the matriculation process, Assessment/Orientation/Group Counseling, will be required to present a Student Educational Plan or a Participation/Waiver form during registration. Walk-in registration is on a first-come, first-serve basis in the LRC building. You will be required to pay for your classes when you register. Please refer to the schedule of classes for detailed fee information.

For some students, Step 5 can occur earlier in the process.

Step 6—Follow-Up

Providing Assistance During the Semester

After enrolling, students will continue to receive follow-up services through the matriculation Early Alert system and the Counseling Department. The matriculation staff will contact students throughout the semester to assist students who are undecided in their majors, who are enrolled in basic skills classes, and to help students to obtain their goals at Oxnard College. In addition, you may see a counselor if you have personal, academic, or career concerns. Appointments can be scheduled in Room 22 of the LRC building.

Matriculation Exemption Policy

During Step 1, the admissions process, all first-time students are classified as exempt or non-exempt from the matriculation process or any of the individual steps. Oxnard College's exemption policy is outlined below.

Criteria for exemption from orientation, assessment, or counseling advisement:

1. Students who have already earned an AA/AS degree or higher.
2. Students who have completed a basic skills assessment or prerequisite courses at other colleges and can demonstrate this with documentation.
3. Students who are concurrently enrolled at another college in the district, or a four-year college or university, and who have completed fewer than 16 units of college credit.
4. Students who are concurrently enrolled in the 12th grade or below and who have completed fewer than 16 units of college credit.
5. Students who have completed fewer than 16 units and whose educational goals are among the following:
 - a. Updating or advancement of job skills.
 - b. Maintenance of a certificate (e.g., nursing or real estate).
 - c. Educational development.
 - d. Personal Interest.

Matriculation Waiver Procedure

Students who wish to waive themselves from any matriculation component should request a Matriculation Participation/Waiver Form during Step 1, at the Admissions & Records Office. The completed form is turned in to the A&R Office. A copy of this form will be requested to begin the registration step (Step 5). **Students may choose to waive the matriculation process only ONE TIME. After this first semester waiver, students must go through the matriculation process before they can pre-register as a continuing student.**

Alternative Matriculation Services

Oxnard College provides the following alternative matriculation services:

1. Admissions and registration materials in Spanish for those who need assistance. Contact the Admissions & Records Office for this assistance.

2. If you have a physical, visual, or communication limitation that might require special assistance for any segment of the matriculation process, please contact the Educational Assistance Center located in the Student Services building. Students with questions, challenges, or who need further information regarding the matriculation process or any of the component steps should contact the Admissions & Records Office or the Counseling Office in the LRC building.
3. Prerequisite/Co-requisite Challenge. If there is any prerequisite or co-requisite that you disagree with or that prevents you from entering a class, please pick up a challenge form in the Counseling Office.

High School Students Admissions Program

In accordance with the California Education Code, high school students who are juniors or seniors are permitted to enroll in college courses. Enrollment fees are exempt for students concurrently enrolled in high school; however the health fee is mandatory and must be paid by the student.

An approved special part-time high school admissions form, signed by the student's parent/guardian and school principal (or designee) is required before a student is permitted to register. This petition is available in the Admissions & Records Office at Oxnard College or in the student's high school counseling office.

Students under 18 years of age not enrolled in a public school may have their parents/guardian petition the Registrar for admission as a special full-time student. If the petition is approved, these students may enroll for scholastic or vocational work.

International Students

An international student is a person who is a permanent resident of another country, and is in the United States on a visa.

It is recognized that there are educational and social values for international students enrolling in U.S. colleges. Oxnard College is happy to welcome international students to its campus.

The District's policy on international students is included in Appendix IX.

Residency Requirements

The right of any student to attend a public community college in California is conditioned by certain residence qualifications. California state law requirements indicate the following:

To be a legal California resident for admission and tuition purposes, a student must have been living in California for at least one year preceding the semester residence determination date in order to qualify as a "resident student." The residence determination date for a given semester is the day before the semester opening date.

It is the student's responsibility to demonstrate both physical presence and intent to establish permanent residence in California. Presence and intent may be demonstrated in several ways.

Because of the complexity in these laws, students having difficulty in determining their residency should contact the Registrar in the Admissions & Records Office.

Students classified as "non-resident" will be required to pay a tuition fee fixed each year by the California State Legislature. Fees are published in the Schedule of Classes each semester, and must be paid prior to enrollment in the college.

Military Personnel Residency (Active)

California Education Code, Section 68075.1 states: A student who is a member of the armed forces of the United States stationed in this state on active duty, except a member of the armed forces assigned for educational purposes to state-supported institutions of higher education, is entitled to resident classification at any campus of the California Community Colleges.

Military Personnel Dependents

There is a one-year exemption for military personnel dependents whose spouses are assigned to California bases. These dependent students are given one year from their spouses assigned duty date to establish their California residency or to prepare to pay tuition fees. (Please refer to Residency Requirements section.)

Tuition or Nonresident Fee

Tuition is required of all students classified as nonresidents of the state of California and foreign students. Please refer to Residency Requirements section.

Tuition Refunds

Eligibility for and amount of tuition fee refunds will be determined by the number of units for which there were financial charges and the date of official withdrawal from class.

The refund schedule is based upon a decreasing sliding scale with no refunds given beyond the fourth week of the regular semester nor beyond the third week of the summer session. The Admissions & Records Office shall compute and approve the amount of refund and notify the Student Business Office in writing. Refunds will be issued by check through the Student Business Office within a reasonable period of time following official notification.

Transfer Credit

Evaluation from Regionally Accredited Colleges and Universities

Students transferring to the Ventura County Community Colleges from colleges accredited by the recognized regional accrediting associations will normally be granted lower-division credit for courses entered on officially certified transcripts. These transcripts must be sent to the Admissions & Records Office. They will be evaluated based upon the current Transfer Credit Practices of appropriate associations.

Students transferring to the Ventura County Community College District from other regionally accredited colleges and universities are required to declare all previous college work. Failure to provide complete information may result in dismissal from the Ventura County Community Colleges.

...from Foreign Colleges and Universities

Students transferring to the Ventura County Community Colleges from foreign colleges or universities must have their transcripts evaluated by an agency approved by the college district.

Course work from non-English speaking countries must be evaluated by approved translating agencies. Students must submit their official transcripts to an approved agency and request that the agency forward the official evaluation to the college.

Course work attempted will normally be lower-division unit credit only. Requests for equivalent course credit are evaluated on an individual basis by the Admissions & Records Office. This review is based upon considerations of the recommendations of the transcript evaluation service and by the appropriate college discipline.

...Advanced Placement

Students who complete special advanced placement courses in high school and who earn scores of 3, 4, or 5 on the College Entrance Examination Board Advanced Placement Examination taken before high school graduation will receive credit towards graduation in the Ventura County Community Colleges for each such test completed with the required scores, provided scores are reported to the Admissions & Records Office. Students granted credit for advanced placement may not enroll in equivalent college courses. Appropriate faculty will determine course equivalency. Other colleges or universities may have different policies. Advanced Placement credit is applied as follows:

AP Exam Score of 3, 4, 5	College Credit	OC Course Equivalency
American Government	3	POLS R101
American History	6	HIST R102 & R103
Art History	6	ART R102 & 3 units Humanities
Art Studio Drawing	6	3 units Fine Arts & 3 units Humanities
Art Studio General	6	3 units Fine Arts & 3 units Humanities
Math Calculus AB	5	MATH R120
Math Calculus BC	5	MATH R121
Biology	6	BIOL R120 (sans lab)
Chemistry	5	CHEM R120
English Language and Composition	4	ENGL R101
English Language and Literature	3	ENGL R102
European History	3	HIST R106
Physics B or C	6	PHYS R101
Spanish Language	10	SPAN R101 & R102
Spanish Literature	10	SPAN R103 & R104

...Military Service

The colleges of the Ventura County Community College District will recognize and grant credit to service personnel for formal educational training completed in the United States armed forces providing such credit is not a duplication of work taken previously.

Service personnel may be allowed credit for formal service school courses offered by the United States military service recommended in the Guide to the Evaluation of Educational Experiences in the Armed Services of the American Council on Education. The credit allowed will be based upon the recommendations specified in the Guide. The maximum amount of credit which may be allowed toward satisfaction of college requirements shall be 12 units.

Service personnel will be allowed full advanced standing credit for college level courses completed under the auspices of the Defense Activity for Non-traditional Educational Support (DANTES) or the United States Armed Forces Institute (USAFI) as recommended in the Guide to the Evaluation of Educational Experiences in the Armed Services of the American Council on Education. Service personnel will be allowed full advanced standing credit for college level courses completed at the Naval Construction Training Center (NCTC) at Port Hueneme based upon the recommendations of the Accredited Institutions of Post-secondary Education of the American Council of Education. Such credit will be treated in the same manner and under the same policies as allowing credit from regionally accredited colleges and universities.

Any work taken by service personnel while in military service at a regionally accredited college or university and for which the college or university issues a regular transcript showing the credits allowable towards its own degrees, will be allowed advanced standing credit toward the associate degree in the same manner as if the student had pursued the courses as a civilian.

Full-Time Student

A student is defined as full-time if carrying 12 or more units in a regular semester or 4 units in a summer session.

Unit Requirements for Benefits and Activities

To qualify for certain benefits and activities, minimum unit requirements must be maintained, as follows:

Veteran and war orphan benefits under GI Bill: 12 or more units completed by end of semester, full subsistence; 9-11 units, three-quarters subsistence; 6-8 units, one-half subsistence.

Social Security benefits: 24 units per academic year (no benefits payable if course load drops below 12-unit minimum per semester).

Automobile insurance discounts and dependent medical insurance: 12 units

Financial Aid and EOPS Services: 12 units

Athletic eligibility: 12 units

Student Government: 6 units for major offices; 3 units for Council members

Student employment: 12 units (generally)

Student Fees

The following student fees are listed for your information, and are subject to change. Most fees are required by California law. All fees are due immediately and must be paid at the time of registration.

Mandatory Fees

1. Enrollment Fee

The Ventura County Community College District Governing Board has adopted the state-mandated enrollment fee. The basic fee is \$11 per unit. Other fees, such as parking fees and nonresident tuition, remain in force. All fees are subject to change. California residents who are receiving benefits under CalWORKs, SSI/SSP, or General Assistance, or who meet certain income standards may be eligible for a Board of Governors' Fee Waiver (BOGW). Contact the Financial Aid Office for further information. High school students are exempt from this fee.

2. Health Fee

A mandatory \$11 per semester (\$8 summer session) Health Fee is charged. This fee entitles students to the services of the Student Health Center.

3. Materials Charge

Students who enroll in certain courses are charged for required course materials necessary for successful course completion. Materials may include, but are not limited to, textbooks, tools, equipment, clothing, and materials necessary for the student's vocational training and employment.

4. Student Representation Fee

The Student Representation Fee of \$1 provides support for student representatives to lobby for legislation, such as bills that will keep enrollment fees at the lowest possible level. However, students may for religious, political, financial, or moral reasons refuse to pay the Student Representation Fee by indicating their reason on the Student Representation Fee Waiver form, which is obtained in the Student Activities Office.

5. Student Center Fee

The Student Center Fee was established by a vote of the students to build a Student Center. The fee is \$1 per unit with a maximum of \$10 per academic year. Students receiving benefits under CalWORKs, SSI/SSP, or General Assistance may be exempt from this fee by documenting participation in these programs through the Financial Aid Office.

6. STAR Fee

Students who register for classes using the STAR (Student Telephone Assisted Registration) system pay a once-a-semester non-refundable fee of \$3.

7. Nonresident Tuition (Non-California residents)

The Ventura County Community College District Governing Board has adopted the state-mandated nonresident tuition fee at \$130 per unit for students who are non-California residents. This fee is in addition to the enrollment fee.

8. Nonresident Tuition (International Students)

The Ventura County Community College District Governing Board has adopted the state-mandated nonresident tuition fee at \$144 per unit for international students, \$14 of which is a foreign capital outlay surcharge. This fee is in addition to the enrollment fee.

9. Application Fee (International Students)

International Students pay a non-refundable \$50 fee to apply for admission to Oxnard College. This fee covers the cost of federally-mandated documentation.

Non-Mandatory Fees

Non-mandatory fees are identical for day and evening students. They may be paid at the Student Business Office.

1. Student Parking Fee

- a. Regular Semester Fees (12 weeks or longer):
 - (1) Automobiles: Regular semester—\$30
 - (2) Motorcycles: Regular semester—\$21
- b. Short-term Fees (less than 12 weeks):
 - (1) Six to eleven weeks: Auto—\$21; Motorcycle—\$12
 - (2) One to five weeks: Auto—\$9; Motorcycle—\$6
- c. Summer Intersession: Auto—\$14; Motorcycle—\$9
- d. Second Vehicle Permit: \$6 for regular semester; \$5 for summer
- e. Replacement Permit: \$5 for regular semester; \$4 for summer
- f. Single-day permit: \$1 (purchased at the Parking Permit Machine on South Campus Road)

2. Child Care

Students who use the services of the Child Development Center, for the care of children while attending classes, will be charged a fee by the Center based on the number and ages of the children and the number of hours of care provided.

3. College Photo Identification/ASB Card

This card may be purchased for \$6 per semester or \$10 for the year. Cards for the year can be purchased only in the fall semester. All registered students are encouraged to buy their cards as early as possible to ensure maximum benefits. Funds from the purchase of cards support the operations and activities of student government and, in turn, various college programs.

4. Textbooks and Supplies

By state law, Oxnard College is prohibited from furnishing free textbooks or supplies to students. These may be purchased at the College Bookstore and their cost will vary each semester depending on individual class requirements.

There may be extra fees for instructional materials and services. See a current schedule of classes for these fees.

5. Transcripts

Oxnard College students receive their first two college transcripts at no cost. A fee of \$3 is charged for each additional transcript. A fee of \$5 is charged for transcripts requiring one-day service.

Academic Policies

Attendance

All students admitted to Oxnard College are expected to attend classes regularly, both because continuity of attendance is necessary to both individual and group progress in any class, and because financial support of the college is dependent upon student attendance.

Absence for any reason does not relieve the student from the responsibility of completing all class requirements.

It is also the responsibility of students, at the beginning of the semester, to become aware of the attendance and absence policies of the instructor for each class in which they are enrolled. When a student's absence exceeds in number 1/9 of the total class contact hours for the session (e.g., absence from a semester-long class equal to twice the number of hours the class meets in one week), the instructor may, request that the Admissions & Records Office drop such student from the class and that a grade be recorded in accordance with the policy for dropping a course.

Grading Practices

Work in all courses acceptable in fulfillment of the requirements for associate degrees, certificates, diplomas, licenses, or baccalaureate level work shall be graded in accordance with the provisions adopted by the District Board of Trustees for the following sections which relate to the letter grading scale, the credit/no credit options, or credit by examination.

Grading System

Letter Grading Scale

Grades from a grading scale shall be averaged on the basis of the point equivalencies to determine a student's grade point average. The highest grade shall receive four points, and the lowest grade shall receive zero, using the following evaluative symbols:

Symbol		Grade Points
A	= Excellent	4
B	= Good	3
C	= Satisfactory	2
D	= Passing, less than satisfactory	1
F	= Failing	0
CR	= Credit	
NC	= No credit	

Courses taken on a credit/no credit basis are disregarded in calculating grade point average. However, units earned on a credit basis shall be counted toward satisfaction of curriculum requirements. "CR" is used to denote "passed with credit" when no letter grade is given. "CR" is assigned for work of such quality as to warrant a letter grade of "C" or better. "NC" is used to denote "no credit" when no letter grade is given. See Credit/No Credit Options section.

Non-Evaluative Symbols

The District Governing Board has authorized the use of only the non-evaluative symbols "I," "IP," "RD," and "W," which are defined in the following paragraphs:

I = Incomplete

Incomplete academic work for unforeseeable, emergency, and justifiable reasons at the end of the term may result in an "I" symbol being entered in the student's record. The conditions for removal of the "I" shall be stated by the instructor in a written record. This record shall contain the condition for

the removal of the "I" and the grade assigned in lieu of its removal. This record must be given to the student with a copy on file with the registrar until the "I" is made up or the time limit has passed. A final grade shall be assigned when the work stipulated has been completed and evaluated, or when the time limit for completing the work is passed. This time limit can be less than one year. However, the "I" may be made up no later than one year following the end of the term in which it was assigned.

A district-wide process shall be provided whereby a student may petition for a time extension due to unusual circumstances.

The "I" symbol shall not be used in calculating units attempted nor for grade points.

IP = In Progress

The "IP" symbol shall be used to denote that the class extends beyond the normal end of an academic term. It indicates that work is "in progress," but that assignment of a substantive grade must await its completion. The "IP" symbol shall remain on the student's permanent record in order to satisfy enrollment documentation. The appropriate evaluative grade and unit credit shall be assigned and shall appear on the student's record for the term in which the course is completed. The "IP" shall not be used in calculating grade point averages.

RD = Report Delayed

The "RD" symbol may be assigned by the registrar only. It is to be used when there is a delay in reporting the grade of a student due to circumstances beyond the control of the student. It is a temporary notation to be replaced by a permanent symbol as soon as possible. "RD" shall not be used in calculating grade point averages.

W = Withdrawal

A student may withdraw from a class through the last day of the fourteenth week of instruction for full semester classes, or through 75 percent of a class less than a semester in length. The academic record of a student who remains in a class beyond this time limit must reflect a grade other than a "W." No notation ("W" or other) shall be made on the academic record of the student who withdraws during the first four weeks of a term or 30 percent of a term, whichever is less. Withdrawal between the end of the fourth week and the last day of the fourteenth week of instruction for full semester classes or through 75 percent of a class less than a semester in length shall be recorded as "W" on the student's record.

Credit/No Credit Options

Colleges of the Ventura County Community College District may offer courses in two credit/no credit ("CR"/"NC") options: (1) courses which are offered on a credit/no credit basis only, and (2) courses in which students may elect the credit/no credit option.

The first category includes those courses in which all students in the course are evaluated on a credit/no credit ("CR"/"NC") basis. This "CR"/"NC" grading option shall be used to the exclusion of all other grades in courses for which there is a single satisfactory standard of performance and for which unit credit is assigned. Credit shall be assigned for meeting that standard, no credit for failure to do so.

The second category of credit/no credit options is comprised of courses designated by the college wherein each student may elect by no later than the end of the first 30 percent of the term or length of the class whether the basis of evaluation is to be credit/no credit or a letter grade. Once the 30 percent deadline has passed, the request cannot be withdrawn. It is the student's responsibility to notify the instructor of his or her intent to be graded on a Credit/No Credit basis and to file the appropriate form; otherwise a letter grade will be assigned. The petition for this purpose, "Request for Credit/No Credit," is available in the Admissions & Records Office.

All units earned on a credit/no credit basis in accredited California institutions of higher education or equivalent out-of-state institutions shall be counted in satisfaction of community college curriculum requirements.

A student may apply a maximum of 20 units of credit earned under the credit/no credit option to an A.A. or A.S. degree or Certificate of Achievement. Credit ("CR") is used to denote "passed with credit" when no letter grade is given. Credit is assigned for work of such quality as to warrant a letter grade of "C" or better. Units of "Credit" should not be used to satisfy major requirements.

Units earned on a credit/no credit basis shall not be used to calculate grade point averages. However, units attempted for which "NC" is recorded shall be considered in probation and dismissal procedures.

Students should be aware that other colleges and universities may restrict the acceptance of courses taken on a credit/no credit basis, especially for general education major requirements; therefore, units of "Credit" should not be used to satisfy major requirements for AA, AS degrees or transfer.

Final Examinations

Final examinations are given at the end of each semester. Summer-session final examinations are typically given on the last day of class. Students are required to take examinations for the classes in which they are enrolled. No examinations are administered prior to the regular schedule for examinations. Exceptions to this rule in emergency situations will require the approval of the instructor of record and the Executive Vice President of Student Learning. All student requests for examinations to be administered at a later date must be filed on the proper petition form in the Office of Student Learning. Petitions for late examinations will not be considered if the student leaves prior to the last three weeks of the semester.

Grade Changes

In any course of instruction in a college of the Ventura County Community College District for which grades are awarded, the instructor of the course shall determine the grade to be awarded each student in accordance with the Grading System dealing with academic grade symbols and grade point average. The determination of the student's grade by the instructor shall be final in the absence of mistake, fraud, bad faith, or incompetency. Procedures for the correction of a grade given in error shall include expunging the incorrect grade from the record. The petition for this purpose, "Petition to Change Grade," is available in the Office of Student Learning.

When grade changes are made, the student's permanent academic record shall be annotated in such a manner that all work remains legible, ensuring a true and complete academic history.

Auditing Classes

Students enrolled in classes to receive ten or more semester units shall be allowed to audit three or fewer semester units without a fee. Students enrolled in fewer than ten semester credit units may audit three or fewer units with a fee for auditing of fifteen dollars (\$15) per unit per semester.

Priority in class enrollment shall be given to students desiring to take the course for credit towards a certificate or degree. Therefore, students wishing to audit may register for classes in audit status by special petition only in the last two days of the add/drop period. The petition form is available in the Admissions & Records Office. This petition requires permission of the instructor. Laboratory classes are not normally available for audit. Students auditing a course shall not be permitted to change their enrollment in that course to receive credit for the course.

Students auditing a course are not permitted to take exams in the class, nor are they permitted to challenge the course at a later date. Instructors are under no obligation to grade assignments of students auditing a course. Attendance requirements for students auditing courses are the same as for all other students as stated in the college catalogs.

Withdrawal from Class

IT IS A STUDENT'S RESPONSIBILITY TO INITIATE A WITHDRAWAL WHEN THE WITHDRAWAL IS DESIRED BY THE STUDENT. FORMS FOR THIS PURPOSE ARE AVAILABLE IN THE ADMISSIONS & RECORDS OFFICE.

A withdrawal initiated through the end of the fourth week of instruction for full-semester classes, or during the first 30 percent of a class less than a semester in length, results in no record of dropped classes on students' academic records (grade card or transcript). A withdrawal initiated after the fourth week, but prior to the last day of the fourteenth week for full-semester classes, or through the first 75 percent of a class less than a semester in length, shall be authorized after informing appropriate faculty. This action shall be recorded as "W" on students' academic records.

The academic record of a student who remains in a class beyond this time must reflect a grading symbol other than "W."

The "W" shall not be used in calculating grade point averages, but excessive "W's" shall be used as factors in probation and dismissal procedures.

Withdrawal from a class may be authorized after the designated time limit by petition only in extenuating circumstances of verified cases of accidents, illnesses, or other circumstances beyond the control of the student.

Approved petitions shall result in a "W" recorded on a student's academic records. The petition for this purpose, "Petition to Change Grade to Withdrawal," is available in the Office of Student Learning.

Withdrawal from College

It is the student's responsibility to formally withdraw from all classes if he or she intends to withdraw from college. A student who withdraws after the end of the fourth week of instruction for full-semester classes, or after the end of the first 30 percent of a term for short-term or less than full-semester classes, shall have an entry made on his or her permanent record in accordance with the regulations specified in the Withdrawal from Class policy. Forms for this purpose are available in the Admissions & Records Office.

Course Repetition

A course in which a grade of "C" or better has been earned may not be repeated except as identified in the catalog course description or as noted under the following special circumstances. Courses taken at any college in which a grade of "D," "F," "NC," or other substandard grade has been earned may be repeated for the purpose of improving a recorded grade. A course taken at another institution, in which a substandard grade was earned, may be repeated at the colleges of the Ventura County Community College District, subject to this policy. In order to identify acceptable equivalencies, course equivalency shall be determined chiefly by content, as defined in the catalog course description, and not by title or units.

Upon completion of the repeated course, the previous grade earned shall be omitted from the computation of the cumulative grade point average, an "E" appears on the permanent record. The permanent record shall be annotated in such a manner that all work remains legible, ensuring a true and complete academic history. The petition for this purpose, "Petition for Course Repetition," is available in the Counseling Office.

Under special circumstances, any course completed more than three years ago which is required as a part of a student's designated educational goal and which is in a sequence of courses based on prerequisites may be repeated regardless of grade. Upon completion of the repeated course under these special circumstances, the grade earned in the repeated course shall *not* be counted in calculating a student's grade point average (this means that the first grade will stand and will remain calculated in the student's GPA).

Another special circumstance includes students with disabilities. Special classes can be repeated above and beyond ordinary course repetition standards for credit courses. For more information, contact the Educational Assistance Center, (805) 986-5830.

Students should understand that other colleges or universities may not accept credit for work which represents a repetition of high school work. In addition, there is no assurance that repeated courses resulting in an improvement in grade will be accepted by other colleges or universities.

Academic Renewal

Without Course Repetition

Students may petition to have a portion of previous college work disregarded in meeting academic requirements in the colleges of the Ventura County Community College District. Academic renewal is intended to facilitate the completion of requirements necessary for an academic degree or certificate.

A student may petition, once only, to eliminate grade point calculations and credits from selected portions of previous college work which is not reflective of the student's present demonstrated ability and level of performance. The student may petition for academic renewal to disregard previous substandard college work by selecting one of the following options: (1) disregard a maximum of 15 or fewer semester units of any courses with less than a "C" or equivalent grade taken during any one or two terms, not necessarily consecutively; or (2) disregard all courses from two consecutive terms (one summer or intersession may be regarded as equivalent to one semester at the student's discretion). Courses and units taken at any institution may be disregarded.

Academic renewal may be granted only to a student who is currently enrolled in at least one credit course in the college; has completed at least 12 units in residence in the colleges of

the Ventura County Community College District; has submitted transcripts of all college work; has waited two years since the course work to be disregarded was completed; and has subsequently completed at least 30 semester units with a minimum 2.40 GPA.

The colleges of the Ventura County Community College District will honor similar actions by other accredited colleges and universities in determining grade point averages and credits. The petition for this purpose, "Petition for Academic Renewal," is available in the Counseling Office. Upon granting the Petition for Academic Renewal, the student's permanent academic record shall be annotated in such a manner that all work remains legible, insuring a true and complete academic history.

The student should be aware that other colleges or universities may have different policies concerning academic renewal and may not honor this policy.

Credit by Examination

Granting unit credit for a course by examination is based on the principle that previous experience, training, or instruction is the equivalent of a specific course taught in the college. If an examination indicates that the student possesses adequate equivalency and mastery of the subject, including particular skills where appropriate, credit may be granted. All courses shall be open to credit by examination unless specifically exempted. Each division of the college shall determine the courses for which credit by examination may be granted and the Office of Student Learning shall maintain a current list of courses excluded from this policy. For the purpose of this policy, a course shall mean an organized area of instruction as described in the college catalog. A student should be advised that the use of units given by credit by exam to establish eligibility for athletics, financial aid, and veterans benefits are subject to the rules and regulations of the external agencies involved.

Exceptions to the above may be made when necessary to meet provisions of California state law or the rules and regulations of state agencies governing programs of the California Community Colleges.

Credit by examination may be granted only to a student who is currently enrolled in a least one course in the college; has completed at least 12 units in residence in the colleges of the Ventura County Community College District; is not on academic probation; has submitted transcripts of all previous course work; has not earned college credit in more advanced subject matter; and, has not received a grade ("A," "B," "C," "D," "F," "CR," "NC") or equivalent in the course for which he or she is seeking credit by examination at this or any other educational institution. A student seeking credit by examination will receive a "CR" (credit) if he or she satisfactorily passes the examination that has been developed for the course being challenged; no other grade will be recorded. Students who are unsuccessful in an attempt to challenge by examination will not receive a "NC" (no credit) and no record of the attempt for credit by examination will appear on a student's transcript. However, students may challenge a course only once. A student may challenge no more than 12 units (or four courses) under the Credit by Examination policy toward an Associate Degree or Certificate of Achievement. The amount of unit credit granted by examination to an individual shall not count towards the minimum 12 units requirement for residency. Credit by examination may be granted in only one course in a sequence of courses, as determined by prerequisites, and may not be granted for a course which is prerequisite to the one in which the student is currently enrolled.

Exceptions to this policy are permitted for each college in those occupational programs where curriculum makes this necessary. The exceptions are as follows: The 12-unit residency requirement is suspended, permitting students to petition for credit by examination prior to completion of that requirement; when the residency requirement has been met, the course(s) successfully challenged shall be added to the student's record. Credit by examination may be granted for more than one course in a sequence of required courses, when approved by the administrator responsible for vocational programs.

The petition for this purpose, "Petition for Credit by Examination," is initiated in the Counseling Office. Approved petitions must be on file with the administering instructor by Friday of the tenth week of the semester. The examination is to be administered prior to the last day of the final examination period.

Credit ("CR") is assigned for work of such quality as to warrant a letter grade of "C" or better. Transcript entries shall distinguish credits obtained by examination from credits obtained as a result of regular course enrollment. The student's academic record shall be clearly annotated to reflect that credit was earned by examination. Students should be aware that other colleges may not accept credit by examination for transfer purposes.

Probation, Dismissal, and Readmission of Students

Probation, dismissal, and readmission policies and procedures are designed to assist students in making progress toward realistic academic, career, and personal goals. Students who choose to enroll should be encouraged to take advantage of the opportunity to realize their full potential. Limitations regarding programs, courses, and unit loads are consistent with the philosophy of providing an opportunity to succeed.

The entire statement of the policy adopted by the District Board of Trustees on Probation, Dismissal, and Readmission of Students appears in the Appendix of this catalog.

Cheating or Plagiarism

Instructors have the responsibility and authority for dealing with any cheating or plagiarism which may occur in their classes. It is the policy of the Ventura County Community College District that the instructor may dismiss a student involved in such dishonest behavior from class with a grade of "F." In addition, the faculty member may direct the matter to the Executive Vice President of Student Learning for further disciplinary action.

Dean's List

Special recognition is accorded students who achieve academic distinction. Full-time students who complete a program of 12 or more units with a 3.5 grade point average or higher during a semester, will be eligible for the Dean's List provided that at least nine of the 12 units were in graded courses.

Students attending Oxnard College and concurrently enrolled at Moorpark and/or Ventura College may request that the units be combined for eligibility for the Dean's List. Students attending more than one campus during any semester may choose one campus for placement on the Dean's List.

Use of Listening or Recording Devices

Students with verified disabilities may require the use of electronic devices in the classroom to give them equal access to the academic program of the college. All other students must secure the consent of the instructor, who will file notice of consent in the Office of Student Learning.

Center for Economic & Community Development at Oxnard College

*An updated Calendar of Events is located on the website at
www.oxnard.cc.ca.us/caltrade*

THE CENTER FOR ECONOMIC & COMMUNITY DEVELOPMENT is dedicated to providing programs that enhance local opportunities for business growth. We deliver services geared toward the domestic and international expansion of businesses, the development of human resources, and the advancement of our local and regional economy.

The Center hosts employer programs such as the Center for International Trade Development (CITD), Community and Contract Education, The Entrepreneur Academy, CalWORKs Initiatives, The Service Corp of Retired Executives (SCORE), Employment Development Department (EDD), and the County Workforce Development Department (WDD).

The Center houses innovative initiatives funded through external agencies to provide: entrepreneurial training programs, customized in-house training, one-on-one free technical assistance to business (i.e., business start-up, loan packages, 8(A) certification, procurement, international trade, etc.), an extensive array of published and electronic resources, and career development and placement opportunities for all students including CalWORKs participants. Collectively, these services provide the most comprehensive and accessible employer services available in Ventura County. Call for a free appointment with one of our performance consultants today and visit our website at www.oxnard.cc.ca.us/econdev.

Oxnard College

CENTER FOR ECONOMIC & COMMUNITY DEVELOPMENT

4000 South Rose Avenue, Oxnard, CA 93033-6699

Voice: 805-986-5831 Fax: 805-986-5806

email: ocecon@vcccd.cc.ca.us

Student Services

Counseling Services

Counseling Philosophy

It is the aim of Oxnard College counselors to provide individual and group counseling sessions in which students feel free to discuss educational plans, career interests, and personal concerns, as part of the process of making meaningful life decisions.

The counselor-student approach encourages students to deal with immediate concerns and aids them in exploring options. The students' concerns are treated from a holistic framework, which may include an examination of life-styles and how individual life-style affects educational performance and values.

Academic Information

One of the primary responsibilities of Oxnard College counselors is to assist students in planning for a program of study which appropriately reflects their personal interests, potential, and motivation. The counselor's function, however, is an advisory one. Ultimately, the responsibility for knowing program requirements and enrolling in proper courses rests with the students.

Students registering at Oxnard College for the first time and students on academic probation are required to go through the Matriculation process. All students are then encouraged to see a counselor prior to registering. Counseling appointments can be made by calling the Counseling Office.

Career/Life Planning

Counselors can provide students with information about a variety of career and vocational fields. By visiting the Career Center, attending Personal Growth classes, and meeting with counselors, students have the opportunity to explore relationships between career choices, decision-making procedures, and personal values.

Personal Growth Classes

On-going participation in Personal Growth classes allows students the opportunity to gain insight into past and present performance while providing a supportive atmosphere for self-exploration. These classes also help students stay in school and are part of the Matriculation retention process.

Personal Concerns

Trained professionals are available for personal counseling. Through a self-help approach, counselors will help students explore alternatives for crisis situations or assist in decision making to provide for student success while in attendance at Oxnard College. When further assistance is necessary, counselors can provide students with referral services for personal and social problems to on-campus services as well as community resources.

Educational Assistance Center

Student Services Building, (805) 986-5830

Deaf Student Services, (805) 488-8022 (TTY)

The Oxnard College Educational Assistance Center offers support services for learning-, physically-, developmentally- and communicatively-disabled students, to enable them to participate successfully in the degree and certificate programs offered by the college. A full range of academic adjustments is provided to accommodate students with disabilities enrolled in regular classes, including special equipment, counseling, ASL interpreting, notetaking, specially proctored exams.

Services for students with disabilities include educational testing, individualized learning strategies, special instruction and student educational contracts.

For persons with physical limitations, the college offers mobility assistance and on-loan electric wheelchairs for on-campus transportation. Vocational assessment is also available. A departmental certificate of completion in Transition to Employment is available to non-matriculating students and those who do not wish to participate in other degree and certificate programs offered by the college. WorkAbility III, a cooperative grant with the Department of Rehabilitation, provides job placement services.

Extended Opportunity Programs and Services (EOPS)

EOPS provides services to educationally and economically disadvantaged students. The objective of EOPS is to give EOPS students the opportunity and assistance necessary to successfully complete their transfer and/or vocational program at Oxnard College.

How do I Qualify for EOPS/CARE:

- Eligible for a Board of Governor's Fee Waiver A or B
- Full-time (12 units)
- Less than 70 units of degree applicable credit
- Educationally Disadvantaged

PROGRAMS under the umbrella of EOPS

- CARE (Co-operative Agencies, Resources for Education) provides specialized services to single heads of households, current TANF/CalWORKS, with at least one child under the age of 14. (All CARE students are EOPS students)
- Teen Parent provides specialized services for teen parent student residents of La Colonia, Pleasant Valley Village, Squires, and other City of Oxnard Public Housing Developments.

SERVICES for all EOPS eligible students

☐ Counseling

- Academic/Personal Counseling
- Career Guidance
- University Transfer Assistance
- CalWORKS Counseling

☐ Funds*

- Grants
- Parking permits**
- Books

☐ Additional Services

- Workshops
- Field trips
- Tutoring
- Peer advising
- College readiness class
- Orientations
- Pre-registration

*Dependent on: Available funds, compliance with EOPS/CARE responsibilities, other criteria set forth by program.

**Only for CARE & Teen Parent eligible students.

For more information stop by the Student Services building or call 986-5827

ESPIGA (Bilingual Program)

The Oxnard ESPIGA program (English/Spanish Program of Instruction Granting Access to the regular program of instruction) has been designed to facilitate non-English or limited English-speaking students' entrance into the regular English curriculum. Students will develop a mastery of the English language as they participate in this program earning college credits in vocational or academic programs.

Each semester, courses offered through ESPIGA are published in the schedule of classes in English and Spanish. Classes in vocational education, transfer level courses, and classes in English and ESL make up the ESPIGA program offerings. Classes are offered during the day as well as in the evening.

There are bilingual personnel available to help students with registration, and bilingual counselors who can recommend appropriate course of studies.

Classes generally taught in the bilingual mode are listed in Spanish at the end of the catalog; for English versions, please refer to the course descriptions included later in the catalog.

Financial Services

The Office of Student Financial Services provides students with a complete array of financial support services that are designed to help cover some of the expenses involved in obtaining a college education. Student Financial Services personnel can help students gain access to the following types of financial support services: grants, work study, job placement, and scholarships. Grants and work study are available to any student who establishes a financial need by completing the application procedures set forth by these financial aid programs. Eligible applicants will be expected to adhere to standards of normal academic progress in order to receive the full benefits of these programs.

Grants

Available grants include: Federal PELL Grant; Federal Supplemental Educational Opportunity Grant (FSEOG); Cal Grant B and C; Extended Opportunities Programs and Services (EOPS). Some of these grants require that students be enrolled in a minimum number of units.

Work Study

In the Federal Work Study (FWS) program, students qualifying for college work study funds will be allowed to work a maximum of 20 hours per week at a salary rate which is at least equal to the current minimum wage and policies set forth by the VCCCD.

New Federal Regulations on Withdrawal

New Federal regulations require that students stay enrolled or face a repayment of financial aid received.

Students who withdraw from all classes prior to completing more than 60% of the semester will have their financial aid recalculated based on the percentage of the semester completed, and will be required to repay any unearned financial aid they received.

Scholarships

The current Oxnard College Scholarship Program consists of scholarships which are funded through private donors, community organizations, and national foundations. Eligibility is generally based upon the applicant's ability to meet scholastic and other criteria set by award donors; however, financial need may be evaluated for consideration.

International Student Program

The objective of this program is to assist international visa students to achieve their educational and personal goals while helping them become familiar with American customs. A special orientation program is provided at the beginning of each semester to acquaint the students with services provided on campus, local and state laws, and rules and regulations of the U.S. Immigration and Naturalization Service.

The International Student Program is located in the Admissions & Records area of the LRC Building. This program is responsible for preparing the Immigration form I-20AB needed by all international students, as well as providing assistance in preparing certain other forms. All students studying with an F-1 visa must check in with this program before admittance to the college. Assistance in obtaining housing is provided by a private contractor.

Job Placement/Career Center

Employment services, available to all enrolled students and alumni, are administered by the Job Placement/Career Center. Campus and outside job opportunity listings are maintained, along with information on career-related subjects such as labor outlook information, resume writing, and job search skills.

The Center also provides research materials to assist in personal decision making. These include interest inventories, personality-type indicators, and the SIGI+ computer program offering information on over 400 occupations.

Library/Learning Resources Complex

This complex houses the College Library, Learning Center, Academic Skills Lab, Media Center, Tutorial Center, Writing Center and Math Center. These services are located in the northern wing of the LRC Building on the first floor and mezzanine level.

Library

The collection and facilities of the College Library are organized to meet the instructional needs of students. The Library is a vital component of the instructional process of the college. The Library's primary purpose is to provide print media—books, periodicals, pamphlets, newspapers and maps to support and supplement classroom instruction.

The Library's collection consists of approximately 30,000 books, 185 current periodical titles (magazines and journals). The Library is a member of the Gold Coast Library Network. The Library's book collection is online and the address is — <http://207.233.105.12> for remote users. There are several public access computers in the Library which are available for catalog and internet access.

The Library's reference collection consists of standard research materials in print format and several databases such as SIRS/ Government Reporter, Discovering Authors, and Discovering Careers and Jobs (as well as college catalogs, pamphlet files and reserve items). Reference librarians are on duty to assist students with research projects, provide library orientations, and instruction in the use of the library resources.

Individual study carrels, as well as small tables for groups of four, are provided for student use. The Library offers photocopying services.

All registered students, faculty, and staff may borrow materials from the Oxnard College Library. The loan period for circulating materials is three weeks. Reserve items are available at the circulation desk and may be requested by course number. Students are encouraged to make optimum use of the Library and its resources.

Library hours are Monday through Thursday, 8:00 a.m. - 9:00 p.m., and Friday 8:00 a.m. - 5:00 p.m. during the academic year.

Learning Center

The Learning Center provides a broad range of services for students. Credit individualized instructional modules are available in a range of skills encompassing reading, writing, spelling, vocabulary, notetaking, library resources, study skills, research paper writing, and test taking. Students may come in and receive informal assistance, or may enroll in credit modules which are designed to improve their ability to perform in their classes.

A variety of multimedia materials are also available to supplement classroom instruction. Visit the Learning Center and browse through the inventory of programs, books, video and audio-cassettes. A broad range of academic resources for disciplines across the curriculum, which are of great value as supplemental study aids, are available.

Faculty and students are welcome to come in and look around any time, and inquire concerning materials. Class visits can be accommodated on a by-appointment basis. Call 986-5839 or 986-5800, ext. 1974.

Tutorial Services

The Tutorial Center provides tutoring to all enrolled students who wish to do better in their classes. It assists students with study skills, test preparation, and the successful completion of classes. Tutors are available for short- or long-term assistance, on a drop-in basis, and for small group study sessions. Also available is the Writing Skills Center to assist with writing/research projects across the curriculum and the Math Skills Center to assist from Basic Math to Calculus/Physics. The Center helps to ensure success in college classes! Stop by the Tutorial Center. Staff will be glad to assist you. Tutoring is provided to all students FREE of charge.

Puente Project

Puente Students:

- Succeed academically
- Are recognized as leaders and scholars
- Graduate from four-year colleges and universities
- Belong to a statewide network of leaders and professionals

Puente Project History: Puente was founded in 1981 by Co-Directors Felix Galaviz and Patricia McGrath at Chabot College in Hayward. The program mission was to increase the number of Mexican American/Latino students transferring to four-year colleges and universities. Since then, Puente has expanded to 38 community colleges throughout the state. Puente is open to all students.

Many components work together to prepare Puente students to transfer to four-year colleges and universities:

English Instruction: Puente students take two consecutive writing classes, English R096 and English R101. These classes provide a supportive and stimulating environment for Puente students to build confidence in their writing skills through an exploration of the Mexican American/Latino experience. All Puente students are also required to enroll in Personal Growth R102 and Personal Growth R101A.

Counseling: Puente students work closely with their Puente counselor until they graduate, exploring career options, developing an academic educational plan and identifying lifetime goals. Students visit University of California and California State University campuses and attend an annual Puente student transfer conference.

Mentors: Each Puente student is matched with a mentor from the business or professional community. Mentors share with students their personal, academic, and career experiences, and provide a window into "real-life" work environments. The network of trained Puente mentors provides many resources for the Puente students, their families, their colleges, and the community.

Re-Entry Center

The Re-Entry Center provides academic, career, and personal counseling on an individual or group basis, workshops, lectures, films, and child-care information. The primary focus is to provide support for individuals returning to school after a break in their education.

The center provides a comfortable and confidential atmosphere; it is staffed by professionally-trained counselors and interns from local colleges ready to help students deal with personal as well as academic and vocational issues. Men and women are encouraged to use the center as a resource for referrals, career options, and personal enrichment. There is also a staff of student and community volunteers to assist you in staying in school.

Student Health Center

Student Services Building, (805) 986-5832

Monday - Thursday: 8 a.m. - 4 p.m.

Friday: 8 a.m. - 12 p.m.

Call for an appointment. Evening hours by appointments.

The Health Fee that you are **required** to pay when you register entitles you to **ALL** health programs at the Student Health Center. It also provides **accident insurance coverage** while you are on campus if you are an enrolled student.

General Health Services:

- Immunizations—Tetanus, Measles, Mumps, Rubella, Hepatitis B
- TB Tests
- Emergency care for cuts, burns, etc.
- Tests: Pregnancy, Cholesterol, Sugar, etc.
- Evaluation by Family Practice Physician
- Blood Pressure screening

Specialty Services:

- Dermatologist (acne, moles, etc.)
- Women's Health (family planning, STD treatment, etc.)
- Personal Counseling. An appointment can be arranged for students who have personal concerns which are interfering with achieving academic goals.

The schedule for professional care varies each semester and includes some evening hours. Please consult the Student Health Center brochure for designated times. ***For prompt attention an appointment is suggested.***

Student Organizations and Activities

The Associated Students

The ASOC (Associated Students of Oxnard College) was established in 1975 when the college opened. This association carries major responsibility for student government, campus clubs, and organizations.

The aims of the association are in close harmony with the objectives of the college, including opportunities for personal development, group cooperation, leadership development and enrichment of college life.

Holding an ASOC office is an important and demanding job, but it is also rewarding.

Elections are held twice a year, once in the fall and once in the spring. Terms of office are for the full academic year. To run for office, a student may obtain the required candidate's form from the Student Activities Office. To be eligible for an office, a student must be carrying a 2.5 GPA or better and maintain this average while in office. A minimum of five units is required to run for senator and the public relations officer, while a minimum of six units is required to run for president, vice president, secretary or treasurer. All students are eligible and encouraged to vote in these elections.

All students are encouraged to participate in activities of their choosing, such as student government, music, athletics, and club activities.

Student Activities

The Student Activities Office located in the Student Center is designed to assist students in developing leadership skills and in the enrichment of their educational experience.

Activities provided include student government, campus clubs and organizations, club fairs, noon lectures, and entertainment.

New and continuing students are encouraged to participate in one or more of the activities. Existing clubs are always looking for new ideas to increase their membership. The Student Activities staff is available Monday through Friday to assist students with information about organizing a club or joining an existing one.

An additional service provided by the Student Activities Program is a housing information exchange with cards posted with information provided by individuals looking for and providing housing.

Athletics

Oxnard College's Condors compete in the 11-member Western State Conference. The college fields men's teams in soccer, basketball and baseball; women's teams compete in basketball and soccer.

Student athletes must be enrolled in and actively attending 12 or more units of classes during the season of sport and must maintain at least a 2.0 GPA. They must complete a total of 24 or more units prior to the start of the semester of the second season of participation. Nine of the 12 and 18 of the 24 course units required to be eligible for participation in athletic activities "shall be attempted in courses counting toward graduation, remediation, transfer, and/or certification as defined by the college catalog and is consistent with the student athlete's educational plan." All student athletes are required to sign an academic contract stipulating classes to be taken while attending Oxnard College.

Dramatics

The Theatre Arts Department introduces students to the performing arts by stressing appreciation and dedication. Within the courses in the curriculum, introductory material regarding history and art are balanced with acting and directing to help students create a solid humanities background. Staff members produce one-act plays with student actors and directors, create audition videos for professional use, and encourage talented majors to transfer to four-year universities. Ethnic studies in diverse multi-cultural areas are stressed within this program.

Transfer Center

The Transfer Center is designed to provide assistance to students planning to transfer to a four-year college or university. The Center provides current information, reference materials, college catalogs, applications, and support services necessary for planning and achieving a smooth transition between institutions. Students may meet with visiting four-year representatives on an appointment or drop-by basis. Transfer Center activities are scheduled and distributed monthly through the "Transfer Center Calendar." The Transfer Center is located in the LRC Building.

Veterans' Services

The Veterans' Readjustment Act of 1966 (PL 89-358) provides educational assistance for veterans who served on active duty for a period of more than 180 days.

The monthly basic educational assistance allowance for training may be paid on a full-time (12 units), three quarter-time (9 units), or half-time (6 units) basis.

All veterans receiving Veteran's Educational Benefits are required to (1) have submitted to the Admissions & Records Office official academic transcripts from each college previously attended, and (2) complete a Student Educational Plan (SEP) with a college counselor. Courses will **NOT** be certified for VA benefits until this is completed. Only courses which meet requirements for the major and degree objective indicated on the SEP will be certified for payment. If the educational objective is changed, the student **must** complete a new SEP.

Veterans must request enrollment certification each semester if they want to continue to receive benefits.

In addition to the academic probation and dismissal standards applicable to all students, the Veterans' Administration requires that standards of progress be adopted for Certification of Educational Benefits. The Admissions & Records Office will notify the VA that satisfactory progress is not being made and will **not** certify educational benefits eligibility if the veteran has been dismissed due to academic or progress probation regulations.

There are procedures where credit may be gained through co-operating institutions that can be accepted by the college for other military experiences.

Under existing Veterans' Administration regulations, a student repeating a course is not eligible for veterans' benefits in most cases. Veterans should, therefore, check with the Veterans' Assistant in the Admissions & Records Office before repeating a course.

CalWORKs Services

Federal Legislation in 1996 changed many Welfare Laws. In California, TANF (Temporary Assistance to Needy Families) was implemented and named CalWORKs (California Work Opportunities and Responsibility to Kids). As a result, additional resources and services have been made available to CalWORKs recipients attending Community Colleges. To be eligible for college CalWORKs services, students must register in the CalWORKs Services Office.

These services include: Individual Counseling, On-campus Childcare, Job Placement, Advocacy, Work-Study opportunities, and ENTRY-LEVEL PROFICIENCY MODULES which are short-term, job related courses, such as: Automotive Technology, Child Development, Customer Service, Hotel & Restaurant Management, Human Services, & Office Occupations. All of these programs include on-the-job training experiences.

The Oxnard College CalWORKs Services office is located in the Oxnard College Job & Career Center (next to the Child Development Center) just North of the campus library. For information regarding these services, call 986-5887.

Programs, Degrees, and Transfer Information

GENERAL EDUCATION

STATEMENT of PHILOSOPHY & RATIONALE

(Adopted 3/17/99)

OPENING STATEMENT

General Education is an essential part of the curriculum at Oxnard College. A rich variety of general education courses is arranged under the headings of Natural Sciences, Social and Behavioral Sciences, Humanities, Language and Rationality, Physical Education and Health, and Ethnic/Women's Studies. Each of these areas of study represents a distinctive process of learning developed by scholars using their discipline's accepted methods of research. Completion of the general education requirements listed under the Approved General Education Course List for A.A. and A.S. Designated Degrees is required for graduation from Oxnard College.

The framework of general education is based upon Title V requirements in the California Education Code and corresponds to the general education patterns of the University of California, California State University, and other four year colleges and universities throughout the nation. Several general education patterns including the IGETC format are listed in the College catalog. Students seeking to transfer to any four year school are advised to complete their general education before they transfer. Counseling assistance in planning general education choices is available.

The rationale for general education requirements is ancient and deeply rooted in a positive affirmation of human potential. Developing this potential has been linked to the study of the imaginatively rich and culturally diverse heritage of humanity. The academies of Greece and Rome and the early universities of Europe (Bologna, Paris, Salamanca, Oxford) and the universities established in the Americas (Mexico, San Marcos, Harvard) required their students to complete a liberal arts curriculum which is remarkably similar to present-day patterns of general education. The expectation then and now was that by completing a curriculum that included language arts, fine and performing arts, natural sciences, social sciences, mathematics, logic, analytical philosophy and physical education, a student would develop an honest, insightful, sensitive and moral capacity to think, communicate and live a fully human life. A well-educated human being would understand the value of participating in the civic life of the community and contributing to the well being of others.

These goals of general education are promoted and kept relevant by an on-going revision and expansion of the content of general education courses. In this way new research and vital perspectives on all the cultures evident in world history and human experience are included in the curriculum.

To simply regard general education as a set of burdensome requirements and limit one's own exploration of the general education curriculum is to short-change one's educational opportunities at Oxnard College. Students are advised to choose their general education courses with an imaginative sense of their own authentic interests and well-being. A liberal arts education can help a student develop an inner capacity for both thoughtful contentment and flexible perseverance in living through the changing cycles of human experience. Through the assimilation of general education subjects and methods of inquiry, students can become wiser, more creative, more tolerant, happier, and more responsible participants in human history.

SPECIFIC AIMS

To promote a rich and effective general education program, the following aims have been defined by the faculty of Oxnard College:

GENERAL

To introduce students to several areas of academic discourse and the methods of inquiry developed in each area.

To illustrate the depth, breadth, and diversity of knowledge inherited from centuries of human effort to learn.

To offer universal access to a broad range of interesting and academically sound college-level courses to all members of the community, including those with specialized education needs.

To demonstrate the connections between ideas and historical reality and between ethical values and social experience.

To educate broad-minded and insightful students who are capable of reasoned and responsible decisions in many arenas of life.

TRANSFER EDUCATION

To enable students to complete, in an accessible, affordable and achievable way, the general education courses needed for transfer to a four-year institution.

To prepare students for the academic rigors of higher levels of education including professional schools.

To provide a diverse and well-rounded education for all transfer students as a foundation and supplement to their technical or specialized course work.

INDIVIDUAL GROWTH & CAREER DEVELOPMENT

To develop in students an awareness of their potential for learning and intellectual understanding based upon the skills and insights they can develop within themselves.

To awaken creativity, sensitivity, and communication skills in each student. This includes a capacity for confident access to all modes of information technology.

To enable students to make an informed judgment about the purpose and requirements for continuing their college education.

To encourage students to actively pursue life-long learning above and beyond the requirements of career education.

To develop in students the learning skills and the broad base of knowledge that will promote success in their chosen career or profession.

To enable students to participate both competitively and cooperatively in the work place and global economy of the 21st century.

To help students see the interdependence between their individual efforts to earn a living and the macro-dynamics of the global economy.

CRITICAL THINKING SKILLS

To teach students how to recognize clear and defensible modes of reasoning as distinguished from fallacies and rationalizations.

To encourage students to articulate their own thoughts clearly and reasonably and to analyze fairly the statements and arguments of others.

To teach the distinction between facts and values, descriptive statements and prescriptive norms, relative values and absolute values in order to help students engage in scientific, social, and moral discourse more effectively.

To develop the critical thinking and problem solving skills which enhance the influence of students in work and community activities.

MULTI-CULTURAL APPRECIATION

To introduce students to a wide range of cultures as presented in art, literature, religion, mythology, music, drama, dance, and social practice.

To encourage understanding and tolerance of the variety of viewpoints arising from both individual and cultural diversity.

To invite appreciation of the ideas and values implicit in the multi-cultural heritage of humanity.

To teach the relevance of multi-cultural sensitivity to a rewarding and effective life in the global community.

To encourage students to explore their own cultural identity and consider ways of transposing their cultural heritage into contemporary expressions of value.

To provide students with continuous opportunities to develop themselves through involvement in art, music, dance, drama, debate, and creative writing.

COMMUNITY LIFE

To promote students' awareness of the educational and cultural activities in their community and to encourage them to become life-long supporters of public access to the arts.

To enhance general education at Oxnard College by inviting on campus a variety of speakers and groups to provide cultural and civic vitality to campus life.

CIVIC RESPONSIBILITY

To develop informed and responsible citizens who understand and value the need for active participation in the public and political life of the community, the nation, and the world.

To help students understand that there are a great variety of ways to participate in civic life ranging from creative imagination and expression to direct action.

To teach students the fundamental concepts of authority, law, and justice that support constitutional and representative institutions of government.

To educate students about universal declarations of human rights and the world-wide aspirations for human freedom and opportunity expressed in such declarations.

To promote the understanding that cooperation and peaceful resolution of disputes are the most morally defensible and practical ways to work through conflicts at all levels of social experience.

To generate in students a desire to give something back to the society that has offered them the opportunity to educate themselves, choose a livelihood and settle into a life of family, religious and community interests.

Programs

Oxnard College offers a wide variety of general and occupational programs leading to a certificate of achievement or an associate degree. These programs, which can be completed in two years or less, prepare the graduate for many excellent career opportunities in the community. Oxnard College offers designated degrees and certificates in the following areas:

Addictive Disorders Studies
Air Conditioning/Refrigeration
Anthropology
Applied Electronics
Art

Automotive
Automotive Body & Fender Repair
Automotive Technology
Diesel Mechanics
Biology
Business
Accounting
Business Management
International Business
Marketing
Retail Management
Supervision
Child Development
Family Day Care Provider
Computer Information Systems
Administrative Assistant
Office Microcomputers
Office Technology
Dental Hygiene
Economics
Electronics
Engineering
Engineering Technology
Computer Networking
CISCO (CCNA)
Microsoft Certified Engineer (MCSE)
English
Fire Prevention Technology
Pre-service
Fire Technology
Pre-service
In-service
Administrative Fire Services
General Liberal Arts/Sciences
General Liberal Arts/Sciences Transfer Option
History
Hotel & Restaurant Management
Culinary Arts
Hotel Management
Restaurant Management
Interpretation
Journalism
Print Media Option
Public Relation Option
Legal Assisting
Marine Studies
Mathematics
Multimedia Studies
Music
Philosophy
Political Science
Psychology
Sociology
Human Services
Spanish
Television
Theatre Arts
Travel & Tourism

More information about certificates and curriculum patterns may be found later in the catalog.

Graduation Requirements

As authorized by the California Education Code and Title V of the California Administrative Code, Oxnard College and the Ventura County Community College District Governing Board confers the Associate in Arts degree, the Associate in Science degree, and Certificates of Achievement on students who provide the required transcripts, meet the respective requirements as listed below, and who file with the appropriate college official a notice of intent to graduate or receive a certificate.

While counselors are available for assistance at all times, the college expects every student to be familiar with graduation requirements and to assume the responsibility for their completion.

Graduation Application Procedures

Students may apply for graduation by scheduling a counseling appointment to submit an application for graduation. The student may elect to be either a fall graduate or a spring graduate, depending upon the completion of all necessary graduation requirements; however, formal graduation ceremonies are conducted only at the conclusion of each academic year. The deadline dates for submission of graduation applications are printed in the Oxnard College schedule of classes. If for any reason a student fails to submit an application prior to the published deadline, he/she may submit the application for the following graduation period.

The Executive Vice President of Student Learning shall make determinations regarding major requirements and general education. The Dean of Student Services shall be the arbiter when questions of interpretation arise concerning courses from other colleges and universities, lower division transfer requirements, major requirements and all other questions which may arise involving graduation.

It is the responsibility of the graduating student to process the application for graduation through a counseling appointment and then file it with the Admissions and Records Office. Applications can be made for graduation in the spring, summer or fall terms. Filing should be completed during the term the graduating student is completing the final classes required, no less than eight (8) weeks prior to the completion of that term.

Associate in Arts/Associate in Science Degree

Basic Requirements

1. **Units:** Complete 60 degree applicable units of college level work.
2. **Scholarship:** A cumulative Grade Point Average (GPA) of not less than 2.0 (C) for all college level work attempted.
3. **Competency:** Demonstrated competency in reading, written expression, and mathematics as follows:

Language and Rationality

Written Expression - Minimum competency in writing is satisfied by completion of the requirements for the Associate Degree, including 3 units from Area D1: English Composition.

Reading - Minimum competency in reading is satisfied by completion of the requirements for the Associate Degree, including 6 units from Area D: Language and Rationality.

Mathematics: minimum competency in mathematics is satisfied by successful completion (A, B, C, or credit) of a mathematics course in elementary algebra (or a higher mathematics course) which includes demonstrated ability to:

- Perform operations with polynomials;
- Solve rational equations or quadratic equations;
- Perform operations with real numbers;
- Solve linear equations and inequalities of one variable;
- Solve problems containing ratios;
- Solve equations containing proportions; and
- Graph linear equations.

Students will be advised to visit a counselor for information on options for meeting this math requirement.

4. **General Education:** Complete the general education pattern as required for the Oxnard College (OC) major.
5. **Major:** Completion of all of the courses required as specified in the college catalog. The major courses can also be counted to fulfill general education requirements.
6. **Residency—Transfer students:** Completion of the last 12 semester units in residence at the college granting the degree from courses required for graduation. At least 6 of the 12 units must be from the required courses in the major.
Students who are completing courses for the OC degree at another college: Completion of at least 24 units in the Ventura County Community Colleges to include 12 units in residence and 6 units in the major at the college granting the degree.
7. **General Liberal Arts Major:** Complete Areas A, B, C, D, & E of the AA/AS general education pattern. In addition, complete one course from Area F, Ethnic/Women's Studies plus complete Area G, 9 more units from Areas A, B, C, D. When a course exceeds the units required to meet the A-D requirements, the extra units can be applied to the 9 units required in Area G. For example, completion of MATH R014 (5 units) for use in Area D-2 would meet the 2 unit requirement for that area and the extra 3 units may be applied to the Area G 9 unit requirement.
8. **General Liberal Arts Transfer Major:** The pattern required for the General Liberal Arts Transfer Major includes the completion of at least 36 units of course work selected from the breadth pattern of the proposed transfer Baccalaureate College or University. These units must include the following minimum requirements: 3 units from Area A, Natural Sciences; 3 units from Area B, Social & Behavioral Sciences; 3 units from Area C, Humanities; 3 units from Area D-1, English Composition; 3 units from Area D-2, Communication & Analytical Thinking; one course from Area E-1, Physical Education; 1 course from Area E-2, Health Education; and 3 units from Area F, Ethnic/Women's Studies.

Approved General Education Course List for A.A. and A.S. Designated Degrees

AREA A — Natural Sciences (Choose one course of two or more units from sections 1 and 2.)

1. **BIOLOGICAL SCIENCE:** **ANAT** R100, R100L; **ANTH** R101; **BIOL** R101, R106, R116, R120, R130, R135, R135L, R140L, R145L, R150L; **BOT** R100; **MICR** R100, R100L; **MST** R116, R122, R175, R190, R195; **PHSO** R100, R100L; **PSY** R105
2. **PHYSICAL SCIENCE:** **AST** R101; **CHEM** R100, R110, R112, R120, R122, R130, R132; **GEOG** R101, R103; **GEOL** R101, R102, R103, R104, R105, R107, R110; **MST** R103; **PHYS** R101, R102, R121, R122, R131, R132, R133

AREA B—Social & Behavioral Sciences (Choose one course of two or more units from sections 1 and 2.)

1. AMERICAN HISTORY/INSTITUTIONS: **CHST** R107; **HIST** R102, R103, R107, R108, R117, R121; **POLS** R100, R101, R102, R107

2. SOCIAL/BEHAVIORAL SCIENCE: **AAS** R101; **AFAM** R101; **ANTH** R102, R103, R105, R106, R107, R108, R109, R110, R113, R114, R189B, R189C; **BUS** R110, R186; **CD** R102, R103, R106, R108, R130; **CHST** R101, R108, R114; **ECON** R100, R101, R102, R103; **GEOG** R102, R104; **HIST** R104, R109, R110, R111, R112, R113, R114, R115, R116, R118, R119, R120, R121; **IDS** R102; **JOUR** R186; **PHIL** R109, R110, R114; **POLS** R104, R105, R106, R107, R108, R189A; **PSY** R101, R102A, R102B, R106, R107, R108, R109, R110, R111, R112, R113, R114, R130, R131; **SOC** R101, R102, R103, R104, R105, R106, R107, R108, R109, R110, R111, R112, R113, R114, R115, R116, R118, R121

AREA C—Humanities (Choose one course of two or more units from sections 1 and 2.)

1. FINE ARTS: **ART** R100A, R101, R102, R103, R104A, R104B, R106A, R106B, R118, R120, R150A, R152A, R152B, R152C, R189A; **ENGL** R112, R119; **MUS** R101, R102A, R102B, R102C, R102D, R103A, R103B, R104, R105, R106, R107A, R107B, R107C, R107D, R110A, R115, R116, R119, R124, R189A; **PHOT** R100; **SPCH** R104, R109; **THA** R101, R102A, R102B, R103A, R103B, R104, R109, R112, R122; **TV** R102, R103, R104

2. OTHER HUMANITIES: **ASL** R101, R102, R103, R104, R105; **ENGL** R103, R104, R105, R106, R107, R108, R109, R110, R111, R112, R113, R114, R115, R116, R117, R118, R120, R123, R130, R131, R132, R150, R151, R152, R153, R154, R155, R156, R189A, R189D, R189H; **HIST** R105, R106, R109, R111, R119; **IDS** R101A, R101B, R110; **JAPN** R101, R102; **JOUR** R100, R186; **PHIL** R101, R102, R103, R104, R105, R106, R108, R110; **SPAN** R101, R101A, R101B, R102, R102A, R102B, R103, R104, R105, R107, R108, R117, R118, R120; **SPCH** R101, R102, R104, R105, R108; **THA** R104, R105; **TV** R105

AREA D—Language & Rationality (Choose one course of two or more units from sections 1 and 2.)

1. ENGLISH COMPOSITION: **BUS** R140; **ENGL** R096, R101, R102, R140; **JOUR** R101, R102

2. COMMUNICATION/ANALYTIC THINKING: **ANTH** R115; **BUS** R062; **CS** R115; **ECON** R103; **ENGL** R101, R102, R130; **IDS** R110; **LIB** R100; **MATH** R014, R101, R102, R103, R105, R106, R115, R116, R118A, R118B, R120, R121, R122, R125, R134, R143; **PG** R101A, R101B, R102; **PHIL** R107, R111, R112, R121; **PSY** R103, R104; **SPCH** R101, R102, R104, R105, R108; **TV** R105

AREA E—Physical Education & Health (Choose one course of two or more units from section 1 and 1 course from section 2.)

1. HEALTH EDUCATION: **HED** R101, R102, R103, R104, R105

2. PHYSICAL EDUCATION: All Physical Education activity courses; **MST** R120L

AREA F—For General Liberal Arts & Science or Transfer Majors ONLY.

Women's Studies/Ethnic Studies (Choose one course.)

AAS R101; **AFAM** R101; **ANTH** R105, R107, R109, R114, R189D; **CD** R107; **CHST** R101, R107, R108, R114; **ENGL** R109, R110, R112, R114, R117, R121, R122; **HED** R103; **HIST** R107, R108, R109, R112, R117, R120, R121; **IDS** R189C; **INT** R102; **MUS** R189A; **PSY** R107, R110, R114; **SOC** R103, R104, R107, R108, R112; **SPAN** R107, R117; **THA** R112, R127; **TV** R117

AREA G—For General Liberal Arts & Sciences Majors ONLY (Select 9 additional units from Areas A, B, C, D)

Guidelines for Additional Degrees

Any college in the Ventura County Community College District will award an additional associate degree under the following conditions:

- A student who has earned an associate degree may earn an additional associate degree.
- A student who holds a higher degree may earn an associate degree in a specific major.
- General education requirements earned for one degree may be applied toward another degree; any deficiencies in the current general education must be completed.
- A candidate for an additional degree must complete 12 or more units of credit, in residence, concurrent with or after completion of requirements for the first associate degree. In addition, a candidate must be in attendance in the semester during which graduation requirements for the additional degree are completed.
- A student must complete all the required courses listed in the catalog for the specific majors. In the event that unmet requirements for a specific major do not total 12 units, a student must complete the remaining units from electives listed under the major or courses as approved by the appropriate division. All general education courses required for the specific degree must be completed.
- In the case of degrees offering two or more options, a student may earn an additional degree within the same field by completing the requirements for that option (the additional degree) and all other requirements specified herein.

Appeals to the above policy may be submitted on a petition available in the Counseling Office for approval by the Dean of Student Services. Waivers may be granted under extenuating circumstances or when there has not been sufficient opportunity to enroll in required courses.

NOTE: Verification of extenuating circumstances, e.g., medical, should be attached to the petition.

Continuous Enrollment

A student remaining in continuous enrollment in regular sessions (fall and spring semesters; summer session not counted), at one or more of the colleges of the Ventura County Community College District, or at any other regionally accredited college or university, may meet the VCCCD graduation requirements in effect at the time of his or her entering or at any time thereafter. This applies only to graduation requirements and to remedial coursework.

Continuous enrollment is defined as attendance in at least one semester each calendar year. Any academic record symbol entered on a transcript (A through F, CR, NC, I, IP, RD, W) shall constitute enrollment or attendance.

A student who has not maintained continuous enrollment is considered to be under new requirements unless the student is granted a petition/waiver for extenuating circumstances. This petition must be initiated by the student through a college counselor and approved by the appropriate dean or designee.

Students must be aware that other governing agencies impose more restrictive limitations concerning the definitions of continuous enrollment or continuous attendance. Some agencies define continuous enrollment as remaining in attendance both fall and spring semesters. Some will not accept selected academic record symbols (such as Ws). Those affected by more restrictive guidelines include students receiving financial aid and international students.

Remedial Limitations

The colleges of the Ventura County Community College District offer courses which are defined as remedial. "Remedial coursework" refers to pre-collegiate basic skills courses in reading, writing, computation, learning skills, study skills, and English as a second language which are designated by the college district as not applicable to the associate degree. Students enrolled in remedial courses will receive unit credit and will be awarded an academic record symbol on transcripts as defined under other academic policies. However, the units earned in these remedial courses do not apply toward certificates of achievement or associate degrees.

No student shall receive more than 30 semester units of credit for remedial coursework. This limitation of 30 units applies to all remedial coursework completed at any of the campuses of the college district (Moorpark, Oxnard and Ventura Colleges). It does not apply to remedial coursework completed at colleges outside the district. Students transferring from other educational institutions outside VCCCD shall be permitted to begin with a "clean slate" with regard to the remedial limitation. The 30-unit limit applies to all remedial coursework attempted; however, in the event that some of these 30 units are substandard and a student successfully repeats one or more courses in which substandard grades were earned, then the 30-unit limit would be modified by the application of the policy for course repetition.

Students who exhaust the unit limitation shall be referred to appropriate adult non-credit educational services provided by adult schools or other appropriate local providers with which the colleges have an established referral agreement. Such a student may, upon successful completion of appropriate "remedial coursework" or upon demonstration of skills levels which will reasonably assure success in college-level courses, request reinstatement to proceed with college-level coursework. Procedures relating to dismissal and reinstatement are specified in the college catalog under policies governing probation, dismissal, and reinstatement. The petition for this purpose, petition for continued enrollment or readmission, is available in the Counseling Office.

The following students are exempted from the limitation on remedial coursework: students enrolled in one or more courses of English as a second language; and/or students identified by one of the colleges as having a learning disability.

Double Counting

When a course required for a specific major is also on the list of approved general education courses, the course may be used to satisfy both major and general education requirements, if the student satisfies the minimum 18-unit requirement for the major.

Certificate Programs

Oxnard College offers a variety of occupational programs leading to a Certificate of Achievement. These programs, which may be completed in two years or less, prepare graduates for career opportunities in the community in skilled or semiprofessional occupations.

A number of these programs can be completed in two semesters. The attainment of a "C" (2.0) average for all certificate program work is required for a certificate, and all can be counted toward a degree as well as the certificate.

Certificate programs are developed by the college in close cooperation with employers and industry advisory committees. The courses are reviewed on a continuing basis to ensure currency of content and local employer and industry training needs. In addition, the advisory committees make recommendations on equipment and materials for each program to provide state-of-the-art education for students.

Many students combine work toward a certificate with work leading to an associate degree.

Specific requirements are as follows:

Certificates of Achievement

A Certificate of Achievement will be granted in specific vocational areas to any student who meets the following requirements:

1. **Scholarship**—A cumulative grade point average of not less than 2.0 in all college and university work attempted.
2. **Major**—Completion of all courses required in a curriculum specified in this college catalog.
3. **Residence**—Completion of at least 12 semester units in residence at the college granting the certificate.
4. **Application for Certificate**—The student must file a formal written application in the Counseling Office. Work counted toward the granting of a certificate by one college cannot be used at another college for a duplicate certificate.

Curriculum Patterns

The Curriculum Patterns are designed to help students plan a program which will prepare them for gainful employment in a wide variety of careers. These programs have been designed to assist in upgrading persons already employed in business, industry, or governments, or those preparing for employment who desire to take all their course work in specialized pre-employment programs.

Students planning to transfer should contact the Counseling Office for general information regarding transfer requirements at the various state colleges and universities.

These programs have been designed to provide flexibility for the students and may be used three different ways:

1. A Certificate of Achievement will be awarded a student who completes at least 18 units in a curriculum. This should include all of the "Required Courses" and an additional number of courses from the "Electives" list to complete the total required of at least 18 units. Maintenance of a 2.0 grade point average in the specified courses is required. The major completed is printed on the certificate.
2. The major for an Associate in Science degree is fulfilled upon completion of at least 18 units in a curriculum. This should include all of the "Required Courses" and a number of courses from the "Electives" list to complete the total required of at least 18 units. The major completed is printed on the Associate in Science degree. (See Associate in Science degree requirements.)
3. The major for an Associate in Arts degree is fulfilled upon completion of 18 units in a curriculum. This should include 9 units from the "Required Courses" and 9 units from the "Electives" list to complete the total required units of 18.

Degrees and Certificates Offered

A.S. Degrees and/or Certificates

This curriculum is designed to prepare students for occupational use upon completion.

Air Conditioning / Refrigeration
 Addictive Disorders Studies
 Applied Electronics
 Automotive
 Automotive Body and Fender Repair
 Automotive Technology
 Diesel Mechanics
 Business
 Accounting
 Business Management
 Marketing
 Retail Management
 Supervision
 Child Development
 Family Day Care Provider
 Computer Information Systems
 Administrative Assistant
 Office Technology Customer Service Curriculum
 Office Microcomputers
 Dental Hygiene
 Engineering Technology
 Computer Networking
 CISCO (CCNA)
 Microsoft Certified Engineer (MCSE)
 Environmental Technology
 Fire Prevention Technology
 Pre-service
 Fire Technology
 Pre-service
 In-service
 Administrative Fire Services
 Hotel & Restaurant Management
 Culinary Arts
 Hotel Management
 Restaurant Management
 Interpretation
 Journalism
 Print Media, Public Relations
 Legal Assisting
 Marine Studies
 Multimedia Studies
 Travel & Tourism

A.A. Degrees

This curriculum is designed to complete lower-division transfer major requirements.

General Liberal Arts & Sciences and Transfer Option
 Anthropology
 Art
 Bilingual / Cross Cultural
 Biology
 Business
 International Business (some classes will not transfer)
 Economics
 English
 History
 Journalism
 Print Media, Public Relations
 Mathematics
 Philosophy
 Political Science
 Psychology

Sociology
 General and Human Services Options
 Spanish
 Television
 Communications

Major Requirements for Associate in Arts Degrees

General Liberal Arts and Sciences Major

See specific course AA / AS list for required courses.

Required Courses:	Units
Natural Sciences	6
Biological Sciences (one course)	
Physical Sciences (one course)	
Social and Behavioral Sciences	6
American History and Institutions (one course)	
Social and Behavioral Sciences (one course)	
Humanities	6
Fine or Performing Arts (one course)	
Humanities, one other course	
Language and Rationality	6
English Composition (one course)	
Communication and Analytical Thinking (one course)	
Ethnic / Women's Studies	3
General Liberal Arts and Sciences	9
Physical Education (one course)	1-1.5
Health Education (one course)	2-3
	<hr/> 39 - 40.5

General Liberal Arts and Sciences (Transfer Option) Major

36 units of general education breadth transfer units including:

Natural Science	3
Social and Behavioral Science	3
Humanities	3
English Composition	3
Communication and Analytical Thinking	3
Ethnic / Women's Studies (cannot be double counted)	3
Physical Education (one course)	1.5
Health Education (one course)	2-3
	<hr/> 21.5 - 22.5

Total Required Units 36

Transfer Preparation

Transferability of Courses

Community colleges, including Oxnard College, offer curriculums paralleling the first two years of four-year Bachelor's degree (BA, BS) programs as well as those preparing for a student's employment at the completion of the Associate degree. These categories are not mutually exclusive, however, as many courses included in occupational programs are also transferable to four-year colleges. For this and other reasons, the definition of a transfer course is somewhat complicated.

Each four-year institution decides for itself on the acceptance of courses from other colleges. In general, the policy, whether liberal or restrictive, will apply equally to entrants from community colleges and from other four-year colleges with two exceptions. All four-year colleges impose a ceiling (between 60 and 70 units) on the acceptance of community college credits, and all recognize that community colleges offer remedial and vocational courses usually not intended for transfer.

Oxnard College courses can be "transferable" in any one of the following ways:

1. **The course meets lower-division requirements in the four-year college major.**
2. **The course applies to one of four-year college general education requirements.** Oxnard offers the Intersegmental General Education Transfer Curriculum, the University of California Core Program, and the California State University General Education Certification Pattern. Students can also take classes that will fit into the general education patterns for individual four-year colleges, both public and private.
3. **The course is acceptable as an elective at four-year colleges.** Courses not accepted as major requirement or meeting general education requirements may be accepted as elective credit at four-year colleges. These units will be applied to the total unit requirement for the Bachelor's degree.
4. **The course is acceptable for subject credit only.** Courses accepted for subject credit only are not given unit credit.

Summary

Generally speaking, the answer to the question "Is this course transferable?" depends on several reference points including when did you take it, where did you take it, where do you plan to transfer to and what purpose do you plan to use it for when you transfer? Reading the four-year catalogs, the transfer guides in counseling and the transfer center, and/or articulation agreements will be of assistance to the transferring student.

Articulation Agreements

Oxnard College has negotiated articulation agreements with many of the four-year colleges, CSU, UC and private colleges within the state of California. An articulation guarantees the transfer of specific courses to special colleges. These agreements are available in Counseling and the Transfer Center.

Transfer Center

The Oxnard College Transfer Center, located in the Learning Resources Center (LRC-24), links Oxnard with campuses of the University of California, the California State University, and private colleges and universities.

The center provides current information on transfer programs and general education requirement information and advising. In addition, the Center has university and college representatives on campus to assist you in making successful transfer plans by offering to help with admissions procedures, program planning, financial aids, housing, transcript evaluations, and more.

Transfer Curricula

The information listed below shows the variety of transfer majors at nearby public four-year institutions. Preparation for these majors is available at Oxnard College. Major requirements at other colleges and universities will be similar, but students should refer to the catalogs of the schools to which they expect to transfer and consult with a counselor for more complete information. Each of the 19 campuses of the California State Universities and Colleges and the nine campuses of the University of California accepts the maximum of 70 units in transferable courses completed in a community college.

Transfer Majors

Accounting
Anthropology
Art
Behavioral Science
Bilingual/Cross-Cultural
Biological Sciences
Business Administration
Ceramics
Chemistry
Chicano Studies
Child Development
Computer Information Systems
Computer Science, Engineering
Communications
Early Childhood Education
Elementary Education
Economics
Engineering Technology
English
Finance
Fire Technology
Foreign Languages
General Liberal Arts/Sciences
Geography
Geological Sciences
Health Education
History
Hotel/Restaurant Management
Information Systems/Computers
Interpretation
Journalism
Liberal Studies
Marine Studies
Marketing
Mathematics
Music
Philosophy
Physical Education
Physical Science
Physics
Physiology
Political Science
Pre-Dental
Pre-Engineering
Pre-Law
Pre-Medical
Pre-Nursing
Pre-Physical Therapy
Pre-Veterinary
Psychology
Radio-Television-Film
Social Sciences
Sociology
Spanish
Special Education/Liberal Studies
Speech
Teaching/Liberal Studies
Theatre Arts

In addition to satisfying requirements in the major, students must meet the general education requirements for the transfer school. Listed in this section are the general education requirements which apply to particular four-year schools where many Oxnard College students transfer.

California State University and Colleges

The California State University and College system has agreed to accept those courses classified by each community college as transferable. All Oxnard College (OC) R100-level courses are transferable to the CSU system.

These courses will be accepted for unit credit at the CSU colleges and universities. How they will be applied at the college or university depends on other agreements made between OC and that college. Students should consult a counselor and the specific agreements regarding the college of their choice.

University of California System

The system of the University of California campuses have reviewed Oxnard College courses and determined which courses will transfer to any one of the campuses in the system. Students should consult a counselor for determination of how a course will be applied at a specific campus. The UC system-wide Transferable Course List is listed below.

African-American Studies

AFAM R101

American Sign Language

ASL R101, R102, R103, R104, R105

Anatomy

ANAT R100, R100L

Anthropology

ANTH R101, R102, R103, R105, R106, R107, R108, R109, R110, R113, R114, R115, R189, R189B, R189C, R198, R199

Area Studies

AS R102A-Z

Art

ART R100A, R101, R102, R103, R104A, R104B, R106A, R106B, R106C, R107A, R107B, R107C, R108A, R108B, R108C, R109A, R109B, R109C, R110A, R110B, R110C, R112A, R112B, R112C, R113A, R113B, R114A, R114B, R114C, R115A, R115B, R116A, R116B, R117A, R117B, R118, R123A, R123B, R124A, R124B, R124C, R125A, R125B, R125C, R126A, R126B, R126C, R127A, R127B, R127C, R128A, R128B, R128C, R129A, R129B, R129C, R150A, R150B, R151A, R151B, R152A, R152B, R152C, R153, R155, R156A, R156B, R157A, R157B, R189, R189A, R198, R199

Asian-American Studies

AAS R101

Astronomy

AST R101, R101L, R198, R199

Biology

BIOL R101, R101L, R106, R106L, R116, R116L, R120, R120L, R122, R122L, R130, R135, R135L, R198, R199

Botany

BOT R100, R100L

Business

BUS R101A, R101B, R111A, R120, R121

Business Information Systems

BIS R151, R152, R153A, R153B, R153C, R154A, R154B, R156, R157A, R157B, R189, R198, R199

Chemistry

CHEM R100, R100L, R110, R112, R120, R122, R130, R132

Chicano Studies

CHST R101, R107, R108, R114

Child Development

CD R102, R106

Economics

ECON R100, R101, R102, R103, R199

Engineering

ENGR R100, R105, R110, R115

English

ENGL R101, R102, R103, R104, R105, R106, R107, R108, R109, R110, R111, R112, R113, R114, R115, R116, R117, R118, R119, R121, R122, R123, R131, R132, R140, R150, R151, R152, R153, R154, R155, R156, R189, R199

Geography

GEOG R101, R101L, R102, R103, R104

Geology

GEOL R101, R101L, R102, R103, R103L, R105, R107, R110, R199

Health Education

HED R101, R102, R103, R104, R105, R106

History

HIST R102, R103, R104, R105, R106, R107, R108, R109, R110, R111, R112, R113, R114, R115, R116, R117, R118, R119, R120, R121, R199

Interdisciplinary Studies

IDS R101A, R101B, R102, R110, R189F-Z, R198, R199

Japanese

JAPN R101, R102, R199

Journalism

JOUR R100, R186

Marine Studies

MST R103, R103L, R116, R116L, R120, R120L

Mathematics

MATH R102, R103, R105, R106, R115, R118, R118B, R120, R121, R122, R125, R134, R139, R143, R198, R199

Microbiology

MICR R100, R100L

Music

MUS R101, R102A, R102B, R102C, R102D, R103A, R103B, R104, R105, R106, R107A, R107B, R107C, R107D, R108, R110A, R110B, R110C, R110D, R111, R112, R114, R115, R116, R117, R118, R119, R120, R121, R124, R125, R189A, R198, R199

Philosophy

PHIL R101, R102, R103, R104, R105, R106, R107, R108, R109, R110, R111, R112, R114, R121, R189, R199

Photography

PHOT R100

Physical Education

PE R100 through R102B, R103, R104, R105, R115, R116A through R124, R136 through R146B, R148 through R177, R183A through R185D, R189, R199

Physics

PHYS R101, R102, R121, R122, R131, R132, R133, R199

Physiology

PHSQ R100, R100L

Political Science

POLS R100, R101, R102, R104, R105, R106, R108, R189A, R189, R199

Psychology

PSY R101, R104, R105, R106, R107, R108, R110, R114, R130, R131, R189, R198, R199

Sociology

SOC R101, R102, R103, R104, R106, R107, R108, R111, R112, R113, R114, R115, R116, R121, R199

Spanish

SPAN R101, R101A, R101B, R102, R102A, R102B, R103, R104, R105, R106, R107, R108, R117, R199

Speech

SPCH R101, R102, R104, R105, R109, R199

Theatre Arts

THA R101, R102A, R102B, R103A, R103B, R104, R108, R109, R110A, R110B, R110C, R110D, R112, R115, R120A, R120B, R121A, R121B, R122, R127, R198, R199

Some restrictions on units may apply, see a counselor.

General Education Breadth Requirements for Four-Year Colleges

This section contains specific requirements of lower-division General Education courses that can be completed at Oxnard College prior to transfer to the four-year colleges where the majority of Oxnard College students transfer. If an institution is not mentioned here, students should contact a counselor for information about the GE requirements.

Intersegmental General Education Transfer Curriculum (IGETC)

Students also have the option of taking courses that will satisfy the GE requirements of the transfer college to which the student plans to transfer. In some major fields students will find that fulfilling the IGETC, or CSU Certification will place them at a disadvantage.

California State University General Education Transfer Certification

Students who are specifically planning to transfer to one of the 19 CSU campuses may choose to complete the CSU G.E. Transfer Certification Pattern either on a partial or full basis. The CSU G.E. Certification is an official agreement between Oxnard College and all California State Universities which permits a student to complete his/her lower-division general education requirements prior to transferring. Students will be subject to the same upper-division general requirements as students who started at CSU as freshmen. This is another option, not a requirement.

Transfer General Education Requirements Admissions Information

California State University System

In general, each of the 19 state universities in California accepts at full unit value approved transfer courses completed with satisfactory grades in the public community colleges of the state. A maximum of 70 semester units (105 quarter units) can be transferred for credit toward a degree at a senior institution.

Students who were eligible to enter a state university on graduation from high school may transfer at any time with a 2.0 grade point average or higher in all acceptable college work attempted at a community college. This eligibility from high school is based upon a combination of the grade point average of work completed in the last three years of high school (excluding Physical Education and Military Science) and the SAT total or the ACT composite score.

Effective fall 1984 and thereafter, students NOT admissible on high school graduation must complete at a community college a minimum of 56 baccalaureate degree level semester units with a 2.0 grade point average. The state colleges and universities have instituted new graduation requirements in English and Math. Students are advised to check with the senior institution to which they are planning to transfer concerning these new graduation requirements. Oxnard College counselors are available to assist in understanding these new requirements. Students must demonstrate competency in writing skills as a baccalaureate requirement for graduation.

General Education Requirements for the Bachelor's Degree at the California State Universities and Colleges

The California Administrative Code, Title V, relating to the State University and College general education breadth requirements, authorizes Oxnard College to present to students a maximum 39 unit pattern of general education courses which is acceptable for the Bachelor's degree requirements at the state university.

Certification is an official agreement between Oxnard College and all California State Universities which protects transfer students who have completed appropriate General Education requirements. Students will complete nine additional upper-division units of general education at the CSU institution upon transferring as a junior.

Students are not required to follow Oxnard College's pattern of area units in order to satisfy the requirements at the CSU campus to which they transfer.

The OC/CSU General Education Certification Pattern is as follows:

General Education Certification Pattern for Transfer to the California State University System

Area A—Communication & Critical Thinking. A minimum of nine units with at least one course selected from each group (1, 2, and 3).

1. **Oral Communication**
SPCH R101, R102, R104
2. **Written Communication**
ENGL R101
3. **Critical Thinking**
ENGL R102
IDS R110
PHIL R107, R111, R112, R121

Area B—Physical Universe & Its Life Forms. A minimum of nine units with at least one course selected from each group.

1. **Physical Science**
AST R101
CHEM R110, R112, R120
GEOG R101, R103
GEOL R101, R102, R103, R104, R105, R107, R110
MST R103
PHYS R101, R102, R120, R122, R131
2. **Life Science**
ANAT R100
ANTH R101
BIOL R101, R106, R116, R120, R130
BOT R100
MICR R100
MST R116
PHSO R100
PSY R105
3. **Lab Experience**
ANAT R100L
AST R101L
BIOL R101L, R106L, R116L, R120L
BOT R100L
CHEM R110, R112, R120
GEOG R101L
GEOL R101L, R103L, R106A
MICR R100L
MST R103L, R116L
PHSO R100L
PHYS R101, R102, R121, R122, R131
4. **Math**
MATH R102, R103, R105, R106, R115, R116, R118A, R118B, R120, R121, R122, R125, R134, R143
PSY R103

Area C—Arts, Humanities, Literature, Philosophy, & Foreign Language. One course required from area 1 and one course from two different areas in 2.

1. Arts

ART R100A, R101, R102, R103, R118
ENGL R119, R130
MUS R101, R102A, R103A, R103B, R104, R105, R110A, R116, R119, R124, R189A
THA R101, R103A, R103B, R127
TV R105

2. Foreign Language

ASL R101, R103, R104
JAPN R101, R102
SPAN R101, R101A, R101B, R102, R102A, R102B, R103, R104, R108, R120

Humanities

HIST R119, R120

Literature

ENGL R102, R103, R104, R105, R106, R107, R108, R109, R110, R111, R112, R113, R114, R115, R116, R117, R118, R119, R120, R121, R122, R123, R130, R131, R132, R150, R151, R152, R153, R154, R155, R156, R189A, R189D

SPAN R108, R117

SPCH R105

Philosophy

PHIL R101, R102, R103, R104, R105, R106, R108, R109, R110, R114

SOC R114

Area D—Social, Political, Economic, Institutions and Behavior: Historical Background. One class required from three different groups. A course in US History and one in US Government is required.*

0. Sociology & Criminology

CHST R108
HIST R112
PSY R106, R107
SOC R101, R102, R103, R104, R106, R107, R108, R109, R111, R112, R113, R115, R116, R118, R121

1. Anthropology & Archaeology

AFAM R101
ANTH R102, R103, R105, R106, R107, R108, R109, R110, R113, R114, R189B, R189C

2. Economics

ECON R100, R101, R102

3. Ethnic Studies

AAS R101
AFAM R101
ANTH R107, R114, R189D
CD R107
CHST R101, R107*, R108, R114
ENGL R109, R114, R117, R121, R122
HIST R107*, R108*, R109
MUS R189A
PSY R114
SOC R103, R107, R108
SPAN R107, R117
THA R127

4. Gender Studies

ANTH R105
ENGL R110
HED R103
HIST R112, R117*
PSY R110
SOC R112

5. Geography

GEOG R102, R104

6. History

AAS R101
CHST R107*
HIST R102*, R103*, R104, R105, R106, R107*, R108*, R109, R110, R111, R112, R113, R114, R115, R116, R117*, R118, R119, R120
SOC R112

7. Interdisciplinary Social or Behavioral Science

BUS R186
IDS R101A, R101B, R102, R110
JOUR R100, R186
SOC R105

8. Political Science, Government, & Legal Institutions

POLS R100*, R101*, R102*, R104, R105, R106, R107*, R108, R189A

9. Psychology

CHST R114
PSY R101, R104, R106, R107, R108, R110, R114, R130, R131
SOC R104, R113

The CSU system colleges require one United States Government & one American Institutions course (starred * in groups 6 & 8) as part of the 9 units from Area D.

Area E—Lifelong Understanding & Self-Development.

Three units are required. Only one unit can be applied from PE or MST activity courses.

ART R104A, R106A, R150A, R157A
CD R130
HED R101, R102, R103, R104, R105
MST R120L
MUS R107A, R108, R110A, R112, R114, R117
PG R101A, R101B, R102
PE All activity courses
PSY R101, R102A, R107, R108, R109, R112, R113
SOC R104, R105, R106

General Transfer Information

Complete Certification

Students who complete 39 units, of which 30 units must be in Categories B, C, D, will be fully certified to any of the 19 CSU campuses as having fulfilled the General Education requirement. The following colleges have additional GE requirements (check with a counselor for further information): CSU Bakersfield, CSU Chico, CSU Fullerton, CSU Hayward, CSU Humboldt, CSU Sacramento, CSU San Bernardino, CSU Pomona.

Partial Certification

It is possible to complete separately any of the first four areas or sections at Oxnard College and receive partial certification in each of those areas; it will be necessary to complete the remaining areas after transferring, as defined by the catalog of the transfer school.

Certified Courses

Courses completed at other colleges may be applicable toward meeting these Oxnard College requirements; appropriate courses completed at Ventura College and Moorpark College are applicable. If you have completed college courses outside this district, consult your counselor and the catalog of the four-year school you plan to attend since the GE requirements listed here may not be applicable.

Course Restrictions

While a course may satisfy more than one general education group and/or area requirement, it shall not be counted more than once and any excess units in one area shall not apply to another area.

Use of Major Courses

Courses taken in preparation for a student's major generally may not be used to fulfill GE requirements. In conjunction with general education requirements, students will complete preparation courses for their transfer major. Counselors are available to provide accurate information regarding pre-major courses and certification procedures. The combination of general education units plus the units for pre-major preparation usually amounts to 56-70 units; the completion of 60 transferable units qualifies students for "junior"-level standing upon transferring.

Additional Requirements

Students are advised to consult their counselor and the catalog of the state college or university which they plan to attend for requirements unique to that school. (Example: Completion of Social Sciences section may not satisfy History and Institutions requirements.) Additional courses are required for preparation for a major and/or electives.

Transfer Courses

The approved listing designates those courses which may be used to meet GE requirements; it is not a complete listing of all courses which transfer to CSU. Transferability of courses may be checked in the Counseling Office.

Other Colleges

Students who plan to attend one of the campuses of the University of California or a private or out-of-state school should consult a counselor and the catalog of the particular school to determine the course work needed to meet GE requirements of that institution. While many of the courses listed transfer to UC and other institutions, they do not necessarily satisfy the GE requirements.

Transcripts

You must make a written request of the Office of Admissions and Records to forward your transcript. Oxnard College can send official transcripts of work completed only at this college. You must request transcripts of work completed at any other colleges to be sent to the transfer institution.

Associate Degree

Although it is not necessary for you to complete an associate degree in order to transfer to a four-year school, many of the courses taken to satisfy associate degree requirements are transferable and, in many cases, may be used to meet transfer GE requirements.

More Information

If you have any questions, check with a counselor.

Intersegmental General Education Transfer Curriculum

The Intersegmental Committee of the Academic Senates approved the Intersegmental General Education Transfer Curriculum which was implemented in Fall 1991. The IGETC is a series of courses that community college students can use to satisfy lower-division general education requirements at any CSU or UC campus. The IGETC provides an option to the California State University General Education Requirements.

The Intersegmental General Education Transfer Curriculum permits a student to transfer from a community college to a campus in either the California State University or the University of California system without the need, after transfer, to take additional lower-division general education courses to satisfy campus GE requirements.

Completion of the IGETC is not a requirement for transfer to CSU or UC, nor is it the only way to fulfill the lower-division general education requirements of CSU or UC prior to transfer.

Intersegmental General Education Transfer Curriculum

AREA 1—English Communication (CSU requires one course from each group, UC requires one course from group 1A and 1B only.)

1A: Written Communication: **ENGL** R101

1B: Critical Thinking: **ENGL** R102, **PHIL** R111

1C: Oral Communication: **SPCH** R101, R102 (CSU)

AREA 2—Mathematical Concepts & Quantitative Reasoning

(One course, 3 or more units required.)

2A: MATH R103, R105, R106, R115, R118B, R120, R121, R122, R125, R134, R143

AREA 3—Arts & Humanities (One course is required from 3A and one from 3B. One additional course from either 3A or 3B completes the 9 unit requirement.)

3A: Arts: **ART** R100A, R101, R102, R103, R118; **MUS** R101, R102A, R102B, R102C, R102D, R103A, R103B, R104, R105, R116, R119, R189A; **THA** R101, R103A, R103B, R127

3B: Humanities: **ANTH** R105, R107, R108, R109, R110, R113, R189C; **ENGL** R104, R105, R106, R107, R108, R109, R110, R111, R112, R113, R114, R115, R116, R117, R118, R119, R121, R122, R123, R131, R132, R150, R151, R152, R153, R154, R155, R156; **HIST** R105, R106, R108, R109, R110, R111, R112, R113, R114, R115, R116, R118, R119; **IDS** R101A, R101B, R102; **LOUR** R100; **PHIL** R101, R102, R103, R104, R105, R106, R108, R109, R110, R114; **PSY** R107; **SOC** R104, R112, R114; **SPAN** R107, R117; **SPCH** R105; **THA** R101

AREA 4—Social & Behavioral Sciences (Three courses are required. The courses must come from at least two separate disciplines.)

4A: Anthropology & Archeology: **AFAM** R101; **ANTH** R102, R103, R105, R106, R107, R108, R109, R110, R113, R114, R115, R189C

4B: Economics: **ECON** R100, R101, R102

4C: Ethnic Studies: **AAS** R101; **AFAM** R101; **ANTH** R114; **CHST** R101, R107, R108, R114

4E: Geography: **GEOG** R102, R104

4F: History: **CHST** R107; **HIST** R102, R103, R104, R105, R106, R107, R108, R109, R110, R111, R112, R113, R114, R115, R116, R117, R118, R119, R120, ***R121: SOC** R112

4G: Interdisciplinary: **IDS** R101A, R101B, R102, R110

4H: Political Science: **POLS** R100, R101, R102, R104, R105, R106, R108

4I: Psychology: **PSY** R101, R104, R106, R107, R108, R110, R114, R130, R131; **SOC** R104

4J: Sociology: **CD** R102, R106; **HIST** R112; **LOUR** R100, R186; **PHIL** R114; **PSY** R107; **SOC** R101, R102, R103, R104, R106, R107, R108, R111, R112, R113, R114, R115, R116, R121

AREA 5—Physical & Biological Sciences (At least 2 courses, one from the Physical Science Area & one from the Biological Science Area. One of the two courses must also have a laboratory. The courses with labs are listed in 5C.)

5A: Physical Science: **AST** R101; **CHEM** R100, R110, R112, R120, R122, R130, R132; **GEOG** R101, R103; **GEOL** R101, R102, R103, R105, R107, R110; **MST** R103; **PHYS** R101, R102, R121, R122, R131, R132, R133

*Catalog Revision - Effective Fall 2001

5B: Biological Science: **ANAT** R100; **ANTH** R101; **BIOL** R101, R106, R116, R120, R122, R130, ***R135**; **BOT** R100; **MST R116**; **MICR** R100; **PHSO** R100; **PSY** R105

5C: Laboratory Science: **ANAT** R100L; **AST** R101L; **BIOL** R101L, R106L, R116L, R120L, R122L, ***R135L**; **BOT** R100L; **CHEM** R100L, R110, R112, R120, R122, R130, R132; **GEOG** R101L; **GEOL** R101L, R103L; **MST** R103L, R116L; **MICR** R100L; **PHYS** R101, R102, R121, R122, R131, R132, R133; **PHSO** R100L

Area 6—Languages Other Than English. *This is a requirement for UC transfers only.* Demonstrate the equivalency of 2 years high school study of the same foreign language by one of the following methods:

- A. Graduate from a high school that has a language other than English as the primary language.
- B. Complete two years of schooling past the 6th grade level in a school that has a language other than English as the primary language.
- C. Complete two years of the same foreign language at an English speaking high school with minimum grade of "C". High school transcripts must be on file.
- D. Earn a score of 3 or higher on the Foreign Language Advanced Placement Test.
- E. Score 550 on the College Board Achievement Test in Foreign Language.
- F. Score 5 or higher on the Inter. Bacc Higher Ed. Exam.
- G. Complete one of the following courses or a higher level course with a "C" grade or better: **ASL** R101 or higher course; **JAPN** R102 or higher course; **SPAN** R102, R102B, ***R105** or higher course.

United States History, Constitution & American Ideals. *This is not part of the IGETC. The CSU institutions require these courses for graduation. These courses can not be double counted in any other area. A few of the UC institutions like UCSB, UCB require one or a course from one or both of these areas.*

Political Science - POLS R100, R101, R102, R107

American History - AAS R101; **CHST** R107; **HIST** R102, R103, R107, R108, R117

Transfer Requirements for University of California System

There are nine University of California campuses: Berkeley (semester); Davis, Irvine, Los Angeles, Riverside, San Diego, San Francisco (Medical Center), Santa Barbara, and Santa Cruz (all quarter). Students planning to transfer should become familiar with the general university admission requirements, which are the same for all campuses of the University of California.

Admission as a Transfer Student

Requirements for admission to the university as a transfer student depend on the applicant's high school record. As a transfer applicant, a student must meet ONE of the requirements below for admission:

1. The student must have completed all the courses listed below in categories "a"-"f" in high school. Applicants who have completed less than 12 quarter or semester units of transferable college credit since high school graduation must also satisfy the examination requirement for freshman applicants.
 - a. **History—1 year**
One year of United States History or one-half year of United States History and one year of Civics or American Government, taken in the ninth grade or later.

b. English—4 years

Four years of College Preparatory English—Composition and Literature (All English courses must require substantial, recurrent practice in writing of extensive and structured papers, and must also require extensive reading of significant literature, to include classical or contemporary works in a variety of forms. It is expected that courses appropriate for the final years of high school students will demand a substantially higher level of the requirements and skills outlined above. Also, not more than two semesters of ninth grade English will be accepted for this requirement.)

c. Mathematics—2 years

Two years of Mathematics—Algebra, Geometry, Trigonometry, Calculus, Elementary Functions, or Mathematical Analysis. (Courses such as Arithmetic and Business Mathematics will not be accepted.)

d. Laboratory Science—1 year

A one-year course in one Laboratory Science, taken in the tenth grade or later.

e. Foreign Language—2 years

Two years of one Foreign Language. (Any Foreign Language with a written literature will be accepted.)

f. Advanced Course—1 or 2 years

This requirement must be satisfied by one of the following:

- (1) One year of Advanced Mathematics, such as Intermediate Algebra, Trigonometry, or another comparable Mathematics course; or
 - (2) A one-year course in any Laboratory Science besides the course used for the "d" requirement above; or
 - (3) A third year in the Foreign Language used for the "e" requirement above, or two years of another Foreign Language.
2. An applicant who achieved the required score on the Eligibility Index (a table which considers grade point average, ACT score, and SAT scores—see a counselor for details) but did not complete all the "a"-"f" subjects in high school may be admitted to the university after he/she has:
 - a. Established a college grade point average of 2.0 or better; and
 - b. Completed, with a grade of C or better, appropriate college courses in the "a"-"f" subjects he or she lacked; and
 - c. Completed 12 or more quarter or semester units of transferable college credit; or have met the examination requirement for freshman applicants.
 3. Community College options: An applicant who did not achieve the required score on the Eligibility Index, or did not achieve the required score and lacked the required "a"-"f" subjects, may be admitted to the university after he/she has:
 - a. Established a college grade point average of 2.4 or better; and
 - b. Completed 84 quarter or 56 semester units of transferable college credit; and
 - c. Completed one of the following options:
Option 1: Appropriate college courses, with grades of C or better in the "a"-"f" subjects lacking up to two units of high school work in "a"-"f" subjects will be waived, but transfer applicant must have satisfied the freshman admission requirements in English and Mathematics. (A unit is equivalent to a one-year course.)

Option 2: Completed the following college course requirements:

- (1) One course in Mathematics (**MATH** R014, or a transferable Math course to UC);
- (2) One course in English (**ENGL** R101); and
- (3) One course from the following: a US History course (**HIST** R102 or R103) or a Laboratory Science course (Biology, Chemistry, Geology, or Physics) or a semester course in Foreign Language (French or Spanish).

NOTE: The two alternatives are NOT interchangeable. It is highly recommended that you consult a counselor.

UC Santa Barbara General Education Articulation Agreement with Oxnard College

The following is a list of Oxnard College courses which can be used to satisfy the UCSB general education requirements for the College of Letters and Science, BA. **This is only a partial list of those courses which will transfer to the University of California.** This list does not give details of transfer credit limitations. Please see a counselor regarding any credit limitations. It is *not* necessary to complete all GE requirements prior to transfer. This is *not* an admissions requirement. **Please read the following information:**

1. Courses used to satisfy GE requirements may also be used to satisfy applicable major requirements. Likewise, courses used to satisfy Ethnicity and /or American History and Institutions requirements may also be used to satisfy applicable GE requirements. However, no more than three courses in a single department can be used to fulfill GE requirements in areas C, D, E, and F.

Area A: English Reading and Composition—2 courses required **ENGL** R101, R102

Area B: Foreign Language—1 course required. **JAPN** R102; **SPAN** R102, R102B, R106

Area C: Science, Mathematics and Technology—2 courses required **ANAT** R100; **ANTH** R101; **AST** R101; **BIOL** R101, R116, R120; **BOT** R100; **CHEM** R110, 120; **GEOG** R101; **GEOL** R101, R103; **MST** R103, R116; **MATH** R105, R106, R120, R137, R138; **PHYS** R101, R106, R131; **PHSO** R100

Area D: Social Sciences—2 courses required **ANTH** R102, R103, R107, R110; **CHST** R107; **ECON** R101, R102; **GEOG** R102; **HIST** R102, R103, R104, R107, R108, R112, R117, R120; **POLS** R100, R101, R102, R104, R108; **PSY** R101, R106, R108, R131; **SOC** R101, R112, R113

Area E: Civilization and Thought—1 two-course sequence required **HIST** R105 and R106 or **PHIL** R105 and R106

Area F: Arts—2 courses required for BA, 1 for BS **ART** R101, R102, R103, R189A; **MUS** R101, R103A, R103B, R104, R105, R115, R116, R119; **THA** R102A, R103A, R103B, R127 (not required for BFA, BM degrees)

Area G: Literature—2 courses required for BA, 1 for BS, BM BFA Degrees **ENGL** R104, R105, R107, R108, R109, R111, R113, R114, R115, R116, R117, R118, R121, R122, R123; **SPAN** R117

Ethnicity Requirement—1 course required **AFAM** R101; **ANTH** R107, R108, R114; **CHST** R101, R107, R108; **ENGL** R109, R121, R122; **HIST** R107, R108, R120; **SOC** R103, R107, R108; **THA** R127

American History and Institutions—1 course required.

ANTH R107; **CHST** R107, R108; **ENGL** R107, R108; **HIST** R102, R103, R104, R107, R108, R112, R115, R116, R117, R120; **PHIL** R109; **POLS** R100, R101, R102; **SOC** R107, R108, R112

Additional Information

Courses used to satisfy general education requirements may simultaneously satisfy applicable major requirements.

Courses used to satisfy Ethnicity, American History and Institutions, Non-Western Culture, and Quantitative Relationships requirements may simultaneously apply to Areas C through G of general education.

Foreign Language requirement may also be satisfied in one of the following ways:

1. The completion in high school of the third year of a foreign language with at least a C average in the third year.
2. A foreign language SAT II score of 500 or higher.
3. An Advanced Placement Examination in foreign language, passed with a score of 3, 4, or 5.
4. The completion in college of foreign language quarter course 3 or semester course 2. NOTE: Students who satisfy the foreign language requirement in this manner will be required to complete 4 additional overall and L&S units. See the General Catalog for details.
5. Pass a non-credit placement examination at UCSB after transfer.

American History and Institutions requirement may also be satisfied in one of the following ways:

1. After transfer, passing a non-credit exam in this subject offered by the UCSB Department of History the first week of each quarter.
2. A score of 3 or higher on the Advanced Placement Examination in American History or American Government.

Non-Western Culture

This requirement is considered satisfied if a student transfers with fewer than 4 omissions in Areas D, E, F and G. Courses such as cultural anthropology, north American Indians, eastern religions and eastern philosophy satisfy this requirement. Courses that focus on the art, culture, history, literature, music, or politics of non-western peoples will also apply. Courses must be at least three semester units.

Quantitative Relationships

This requirement is considered satisfied if Area C is entirely completed prior to transfer. Otherwise, courses in calculus, statistics, astronomy with lab, chemistry with lab, physics with lab, or physical geology with lab will apply.

Writing Requirement

This requirement is considered satisfied if Areas D, E, F and G are fulfilled upon transfer to UCSB. Otherwise, the number of courses needed is determined by the number of omissions in these areas. Transfer courses do not apply, but the requirement is reduced for transfer students, at the time of admission, to the number of omissions in subject areas D through G.

General Transfer Information for UCSB Admission

An Oxnard College student who is planning to transfer to UCSB and who was not eligible upon graduation from high school must complete a minimum of 56 transferable units (maximum of 70) with a cumulative 2.4 grade point average.

Transfer Courses

The approved listing above designates those courses which may be used to meet GE requirements; it is not a complete listing of all courses which transfer to UC. Transferability of courses may be checked in the Counseling Office.

Private Colleges and Universities

The application and admission process to private colleges and universities varies with each transfer school. Students should consult their counselor and the college catalog for specific requirements.

General Education Requirements

California Lutheran University

CLU will accept the IGETC with both Speech and Foreign Language areas completed. HS Foreign Language does not count.

Area I. Proficiencies

A. Written Communication

1. Freshman English. One course with a grade of C or higher.
ENGL R101
2. Writing-intensive courses; one upper division.

B. Oral Communication

1. One course or passing score on the Oral Communication Proficiency Test to be taken at CLU (no credit given).
SPCH R101, R102, R105, R107

C. Foreign Language

1. Two sequential courses in one foreign language or successful completion of a foreign language course at the second semester level.
JAPN R102; **SPAN** R102 and above

OR Score on the CLU Foreign Language Placement Test indicating proficiency at the second semester level.

D. Mathematical Reasoning

1. College level math course or qualifying score on the CLU Math Placement Test.
MATH R101-R134; **MATH** R105 is not acceptable

Area II. Perspectives

A. Humanities

1. History—one course
HIST R102-R118
2. Literature—one course
ENGL R102, R104 - R118, R121, R122, R150 - R156;
SPAN R117
3. Philosophy—one course
PHIL R101, R102, R105, R106, R108, R109, R110, R114
4. Religion—two courses
PHIL R104; **Religion** 100 at CSU
Transfers with 58 units or more may complete one Religion course.

B. Natural Sciences

1. Two courses from different disciplines, each with lab components
ANAT R100, R100L; **AST** R101, R101L; **BIOL** R101, R101L, R106, R106L, R108, R110, R116, R116L, R120; R120L; **CHEM** R110-R132; **GEOG** R101, R101L; **GEOL** R101, R101L, R103, R103L, R110; **MICR** R100, R100L; **PHYS** R101-R133; **PHSO** R100, R100L
Juniors may transfer one science course without a lab.

C. Social Sciences

1. Two courses from different disciplines
ANTH R102, R103, R105, R106, R113; **ECON** R100, R101, R102; **GEOG** R102; **POLS** R100-R108; **PSY** R101-R131; **SOC** R101-R121

D. Visual and Performing Arts

1. Two courses, one of which must include participation in one of the visual or performing arts, and only one of which may be a one-credit course.
ART R101-R103, R104-R156AB, R189; **MUS** R101-R105, R106-R114, R116, R117, R118, R119, R120, R121, R124, R125, R189; **THA** R101-R103, R108, R109, R110-R121, R127

E. Health and Well-Being

1. **HED** R102
2. Two activity courses
3. A second PE activity course or a course in health and well-being.
A second PE activity course or **HED** R101-R105
NOTE: Any student over the age of 25 at entrance will have the Health and Well-Being requirement waived.

Area III. Cultures and Civilization

A. Global Studies: "The World and the West"

1. One year-long course. This course sequence may also be used to meet a Perspectives requirement.
No Oxnard College equivalent available. However, this requirement is waived for those students entering with 28 or more units.

B. Gender and Ethnic Studies*

1. One course. This course may also be used to meet a Perspectives requirement.
AFAM R101; **ANTH** R105, R107, R114, R189D; **CHST** R101, R107, R108, R114; **CD** R107; **ENGL** R109, R110, R114, R121, R122; **HIST** R107, R108, R112, R117; **MUS** R189A; **PSY** R107, R114; **SOC** R103, R104, R107, R108, R112; **SPAN** R117; **THA** R127; **TV** R117

Area IV. Integrated Studies

A. Freshman Cluster*

1. One cluster
No Oxnard College equivalent available. However, this requirement will be waived for those students who have completed **ENGL** R101 before transferring, or have completed over 28 transferable units.

B. Integrated Studies Capstone*

1. One upper-division course available at CLU.
No Oxnard College equivalent.

*The courses marked with an asterisk are not additional course requirements. They are content requirements which must be met through selection of courses which also meet major, elective or other core requirements.

General Transfer Information

1. A maximum of 70 semester credits may be transferred from a community college.
2. Pass/Fail or Credit/No Credit courses may not be used to meet general education or major requirements.
3. Both Bachelor of Arts and Bachelor of Science degrees are offered.
4. Most majors require at least 32 credits with 20-24 credits at the upper division (junior/senior) level. Consult the CLU catalog for specific departmental requirements.
5. A personal preliminary transfer evaluation may be provided by contacting the Director of Transfer Programs at (805) 499-3135.
6. Courses which are technical, vocational, or "personal enrichment" in nature are not transferable.

Out-of-State Schools

The application and admission process to out-of-state public or private schools varies with each school. Students should consult their counselor and the Transfer Center for the specific college catalog.

Announcement of Courses

Course Identification

A course identification is comprised of the course discipline abbreviation and course number (for example, BUS R001). All course numbers for Oxnard College will have a leading R (for Oxnard) preceding the actual course number. Courses numbered 1 (one) through 9 (nine) will also have two leading zeros preceding the actual number; courses numbered 10 (ten) through 99 (ninety-nine) will have a leading zero preceding the actual number. Sometimes an alphabetic character is appended to the course identification (for example, FT R070A).

Courses offered by Oxnard College will allow a wide selection of curricula that meet the requirements for most regular university majors as well as for technical, semi-professional, or occupationally-oriented programs.

To assist students to plan their programs of study, all credit courses offered by Oxnard College are classified into one of the three following categories:

1. Courses applicable toward the baccalaureate degree at universities or senior colleges.
2. Specialized technical, semi-professional, or occupationally-oriented courses applicable to certificate and associate degree programs for which some universities and senior colleges allow subject or elective credit toward the baccalaureate degree.
3. Non-transfer and/or remedial courses not applicable toward either the baccalaureate or associate degrees. After a review of all courses in the college curriculum, the faculty of Oxnard College has certified the following courses to be non-degree college credit only:

ACT—all courses

CDR011

DST—all courses

ENGL R012, R020, R022, All R030-series except R030T, R040, R042, R044, R050, R052, R054, R056, R060, R062, R064, R066, R068, R080

ESL—all courses

LS—all courses

MATH R008, R009, R010, R093

PG R001, R002, R003, R004, R005, R006, R007

SPED—all courses

Definition of a Semester Unit

The semester unit value of the course is shown by a number (or numbers) following the course title. The semester unit is based on three hours of work and study: one lecture hour with two attendant hours of preparation, or three hours of laboratory activity.

Course Prerequisites, Corequisites, and Recommended Preparation

A prerequisite represents a set of skills or a body of knowledge that a student must possess prior to enrollment and without which the student is highly unlikely to succeed in the course or program.

A corequisite represents a set of skills or a body of knowledge that a student must acquire through concurrent enrollment in another course and without which the student is highly unlikely to succeed.

Recommended preparation states the preparation suggested by the faculty to complete successfully a particular course. While encouraged to do so, students do not have to satisfy recommended preparation guidelines to enroll in a course.

Course prerequisites, corequisites, and/or recommended preparation are specified within course descriptions announced in this catalog; they are also specified in the schedule of classes. A course has no prerequisite or corequisite unless so designated. Students are expected to have satisfied the prerequisite and/or be enrolled in the corequisite requirement for all courses in which they enroll.

Challenging a Prerequisite or Corequisite

If a student has equivalent past experience or course work and desires to challenge the validity of a prerequisite/corequisite, Education Code permits that process. The petition for the aforementioned challenge is available in the Counseling Office. The challenge process requires a student to show specific grounds for waiving the prerequisite or corequisite. The grounds upon which students may challenge are as follows:

1. The student will be subject to undue delay in attaining the goal of his/her educational plan because the prerequisite or corequisite has not been made reasonably available.
2. The prerequisite or corequisite was established in violation of the regulation or in violation of district-approved processes.
3. The prerequisite or corequisite is unlawfully discriminatory or it is being applied in an unlawfully discriminatory manner.
4. The student has the knowledge or ability to succeed in the course despite not meeting the prerequisite or corequisite.

Challenge forms with supporting documentation must be completed and submitted to the Counseling Office prior to the start of classes. Counselors will act on the challenge and notify the student of their decision prior to the first class meeting.

Credit/No Credit Options

In the following section, which contains all course descriptions, the numbers (1) or (2) will be seen at the end of some descriptions. These numbers indicate that the so-designated courses are graded as follows:

- (1) Courses wherein all students are evaluated on a credit-no credit basis.
- (2) Courses wherein each student may elect by no later than the end of the first 30 percent of the term whether the basis of evaluation is to be credit-no credit or a letter grade.

In all other cases, courses will be graded in conformance with the college's grading policy, outlined elsewhere in this catalog.

Field Trips

Students enrolled in any course in the Oxnard College curriculum may be required to attend extra-educational events, excursions, and/or field trips. Such activities are subject to the district's policy on field trips, Section C.12.f. of the Board Policy Manual, and to the provisions of the California Educational Code and Title 5.

Transferability

Courses that carry a number between R100 and R199 are expected to transfer for baccalaureate credit to four-year institutions. Courses under which the statement "Transfer Credit: UC, CSU" or "CSU" appears have been approved for at least elective credit by those systems. A counselor should be consulted to determine if major or general education requirements may be satisfied with these courses. Courses under which "CAN" appear have been assigned a California Articulation Number. The CAN system provides a cross-reference number or course identification for courses which are acceptable "in lieu of" or are equivalent to specific courses at participating California colleges and universities. These courses will satisfy requirements for identically designated CAN courses at transfer institutions and will satisfy degree requirements at all participating campuses in California. Courses that carry a number between R001 and R099 may be transferable by some colleges and universities but the individual senior institution or a counselor should be consulted to determine the transferability of a specific course. Since most of these latter courses are not ordinarily offered in the university or four-year college, they may not be applicable to the requirements for the Baccalaureate degree.

Offering of Courses as Described in the Catalog

Occasionally there may be course changes concerning prerequisites, contents, hours, or units of credit made after publication of the catalog. Efforts will be made through the class schedules and public media, and at times of registration, to notify students of any changes other than as described in the catalog.

Offering of Courses as Listed in the Schedule of Classes

The college reserves the right to cancel any class scheduled for any term if enrollment is insufficient as determined by the board of trustees.

Course Discipline Abbreviations

Courses listed below are offered as a regular part of established curricula or when demand warrants. The current class schedule should be consulted to determine the availability of specific courses.

In the course number designations, the following subject or departmental title abbreviations are used:

ADS	Addictive Disorders Studies
AFAM	African-American Studies
AC	Air Conditioning & Refrigeration
ASL	American Sign Language
ANAT	Anatomy
ANTH	Anthropology
AS	Area Studies
ART	Art
AAS	Asian-American Studies
ACT	Assistive Computer Technology
AST	Astronomy
AB	Automotive Body Repair & Paint
AT	Automotive Technology
BIOL	Biology
BOT	Botany
BUS	Business
	Medical Office

CHEM	Chemistry
CHST	Chicano Studies
CD	Child Development
CIS	Computer Information Systems
	Office Automation
	Word Processing
	Information Processing
CS	Computer Science
DH	Dental Hygiene
DM	Diesel Mechanics
DST	Disability Studies
ECON	Economics
EL	Electronics
EMP	Employment Preparation
ENGR	Engineering
ENGT	Engineering Technology
ENGL	English
ESL	English as a Second Language
ET	Environmental Technology
FT	Fire Technology
GEOG	Geography
GEOL	Geology
HED	Health Education
HIST	History
HRM	Hotel & Restaurant Management
	Culinary Arts
	Restaurant Management
	Hotel Management
IDS	Interdisciplinary Studies
INT	Interpretation
JAPN	Japanese
JOUR	Journalism
LDR	Leadership
LS	Learning Skills
LA	Legal Assisting
LIB	Library Instruction
MST	Marine Studies
MATH	Mathematics
MICR	Microbiology
MM	Multimedia
MUS	Music
PG	Personal Growth
PHIL	Philosophy
PHOT	Photography
PE	Physical Education
PHSC	Physical Science
PHYS	Physics
PHSO	Physiology
POLS	Political Science
PSY	Psychology
SOC	Sociology
SPAN	Spanish
SPED	Special Education
SPCH	Speech
TV	Television
THA	Theatre Arts
TRVL	Travel & Tourism

For convenience, the course descriptions in this catalog are arranged alphabetically according to subject grouping.

ASSISTIVE COMPUTER TECHNOLOGY

See courses in Educational Assistance Center

ADDICTIVE DISORDERS STUDIES

This CAADE (California Association for Alcohol/Drug Educators) approved program prepares students to enter the field of alcohol counseling with responsibilities for doing intakes, motivational and supportive counseling, crisis intervention, information and referral, and case write-ups.

Students completing this program will have the necessary educational requirements to **APPLY** for credentialing through a number of professional organizations. CAADE is now offering a Certified Addictions Treatment Specialist Credential (C.A.T.S.). Application forms and information can be obtained by contacting: CAADE, Donna Marks, P.O. Box 7152, Oxnard, CA 93031 (805-485-5247); other state agencies include CAADAC (California Association of Alcohol and Drug Addiction Counselors), Credentialing Committee, 3400 Bradshaw Road, Suite A5, Sacramento, CA 95827, (916-368-9412); CAARR (California Association of Alcohol Recovery Resources), 650 Howe Avenue, Suite 1060, Sacramento, CA 95824 (916-338-9460); CADDTP (California Association of Drinking Driver Treatment Programs), 685 Placerville Drive, #308, Placerville, CA 95667 (800-464-3597); or CANSA (California Association of Nurses in Substance Abuse), 2510 N. Grand Avenue, Suite 420, Santa Ana, CA 92701 (714-639-6217). If you are a degreed or non-degreed professional with four years of experience in the field, you might be interested in affiliating with the American Academy of Health Care Providers in the Addictive Disorders by calling (617-661-6248).

Career Opportunities

Alcohol Counselor	Alcohol/Drug Treatment Spec. I-II
Addiction Counselor	Drug Counselor
Prevention Educator	Forensic Corrections Treatment Spec. I-II

Faculty

Full-Time	Part-Time	
William Shilley	Vicki Bradley	Susan Feltes
	Sharon O'Hara	Kathleen Staples
	Luis Tovar	Klaas Volbeda
	Lois Zsarnay	

◆ Addictive Disorders Studies

Associate in Science Degree Certificate of Achievement

Required Courses:	Units
ADS R101	Overview of Addictions 3
ADS R102	Intervention & Recovery 3
ADS R103	Pharmacology of Drugs 3
ADS R104	Case Management 3
ADS R105A	Group Leadership I 3
ADS R106	Adult Children of Alcoholics 3
ADS R107A	Special Populations 3
ADS R108	Alcohol and Human Development 3
ADS R109	Marriage and Cultural Influences 3
ADS R110A	Field Experience I 3
ADS R110B	Field Experience II 3
ADS R113	Dual Diagnosis 3
PSY R102A	Interpersonal Relations 3
Total Core Requirements	39

Additional Required Courses:

Complete any one (1) of the following:	
ADS R105B	Group Leadership II 3
ADS R107B	Treatment of Adolescents 3
ADS R111	Managing Alcohol Programs 3
ADS R112	Prevention 3
ADS R114	EAP Practice 3
ADS R115	Alcohol/Drugs/Nutrition 3
ADS R116	Alcohol/Drugs/Driving Laws 3
Total Required Units	42

◆ Addictive Disorders Studies in the Criminal Justice System

Associate in Science Degree Certificate of Achievement

This certificate is designed to prepare students to enter the field of treatment providers of services to incarcerated clients in county, state, and federal correctional programs. 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.

Graduates completing this program would be qualified to apply for various certifications: F.A.C.T. (Forensic Addictions Corrections Treatment Specialist I-II), C.A.T.S. (Certified Addictions Treatment Specialist), CAADAC (California Association of Alcohol/Drug Addiction Counselors).

Required Courses:	Units
ADS R101	Overview of Addictions 3
ADS R103	Pharmacology of Drugs 3
ADS R104	Case Management 3
ADS R105A	Group Leadership I 3
ADS R106	Adult Children of Alcoholics 3
ADS R110A	Field Experience I 3
ADS R110B	Field Experience II 3
ADS R113	Dual Diagnosis 3
ADS R116	Alcohol/Drugs/Driving Laws 3
ADS R117	Treatment Modalities for Criminal Justice Clients 3
ADS R118	Addiction Recovery in the Criminal Justice System 3
ADS R119*	Alcohol/Drug Rehabilitation Strategies for the Client in the Criminal Justice System Community 3
Total Core Requirements	36

Additional Required Courses:

Students may take Criminal Justice classes at either Ventura College or Moorpark College by completing one of the following sequences:

CJ V025**	Introduction to Corrections 3
CJ V005**	Criminal Procedures 3
OR	
CJ M001**	Introduction to Corrections 3
CJ M005**	Principles and Procedures of the Justice System 3

Total Required Units 42

*New course-Fall 2001.

Unless already working in the Criminal Justice System, ADS R110A and ADS R110B **may not be taken until ADS R113, R117, R118, R119, CJ V025 and CJ V005 **OR** CJ M001 and CJ M005 have been successfully completed.

Addictive Disorders Studies Courses

ADS R098—Short Courses in Alcohol Studies ½-10 units

Lecture and/or lab hours as required by unit formula

Specialized workshops designed to update alcohol program personnel and others as required for in-service training in specific subject matter areas. Unit credit determined by length of instruction of the workshop as defined by current credit standards. (2)

ADS R101—Overview of Addictions 3 units

3 hours lecture weekly

Study of alcohol-related problems, including relationship to alienation and change in life-style, cultural and family attitudes, causes and addiction, sub-cultures, ethical implications, and solutions. Fulfills one 3-unit chemical core requirement for California Association of Alcoholism/Drug Educators (CAADE).

Transfer credit: CSU

ADS R102—Intervention & Recovery**3 units***Prerequisites: ADS R101.**3 hours lecture weekly*

Course familiarizes students with the essential tools and techniques of helping individuals in changing life-style and job performance during recovery and rehabilitation. Studies various vocational rehabilitation services available to assist the alcoholic, family, and children. Fulfills one 3-unit chemical core requirement for CAADE.

*Transfer credit: CSU***ADS R103—Pharmacology of Drugs****3 units***Advisory: ADS R101.**3 hours lecture weekly*

Fundamental principles of action of alcohol and other drugs studied. Pharmacological and physiological implications of tolerance, habituation, and excessive consumption emphasized. Psychological, physical, cultural, and social implications presented. Physiological and medical aspects of effects of alcohol on the human body during various stages of psychosexual development. Fulfills one 3-unit chemical core requirement for CAADE.

*Transfer credit: CSU***ADS R104—Case Management****3 units***Prerequisites: ADS R101.**3 hours lecture weekly*

Course seeks to develop understanding of a variety of personality theories as applied to the unique life-style of alcoholics and to provide overview of theory and application in counseling of alcoholics. Fulfills one 3-unit skills requirement for CAADE.

*Transfer credit: CSU***ADS R105A—Group Leadership I****3 units***Prerequisites: ADS R101.**Advisory: ADS R104.**3 hours lecture weekly*

Course designed to familiarize students with group dynamics, especially groups involving recovering alcoholics. Also offers practicums in group leadership skills and examines various types of groups and specific group functions for alcoholics. Fulfills one 3-unit skills requirement for CAADE.

*Transfer credit: CSU***ADS R105B—Group Leadership II****3 units***Prerequisites: ADS R105A.**3 hours lecture weekly*

Course in group counseling is designed to give students knowledge and skills training in advanced group leadership techniques. It will offer supervised practicums for the experienced counselor and introduce students to the special dynamics involved in addressing difficult group behavior.

*Transfer credit: CSU***ADS R106—Adult Children of Alcoholics****3 units***3 hours lecture weekly*

Valuable foundation course for those interested in becoming alcoholism counselors involved in family intervention and treatment. Specifically designed to meet the needs of those counseling adult children of alcoholic parents, studying effects of alcoholism on children and what can be done. Attitudes will be examined and intervention skills learned and practiced. Fulfills one 3-unit-skills requirement for CAADE.

*Transfer credit: CSU***ADS R107A—Special Populations****3 units***3 hours lecture weekly*

Course addresses special groups of alcoholics and investigates their unique characteristics, particular intervention needs, and individual responses to treatment. Attention focuses on the underserved populations of women, aged, disabled, ethnic-racial, homosexual, adolescent, and military alcoholics. Fulfills one 3-unit skills requirement for CAADE.

*Transfer credit: CSU***ADS R107B—Treatment of Adolescents****3 units***3 hours lecture weekly*

Course integrates biological, psychological, and social factors into a comprehensive model for understanding and treating alcohol and drug problems and addiction in the adolescent population. In this context, students will learn necessary techniques of counseling and basic aspects of adolescent addiction.

*Transfer credit: CSU***ADS R108—Alcohol and Human Development****3 units***3 hours lecture weekly*

Analysis of developmental behaviors associated with each stage in human development and ways the social environment impedes or helps this development. Special emphasis given to how drugs and alcohol affect this development. Examples of disruptive influences on human development and the way human service occupations develop systems and services to minimize these disruptive influences are studied. Fulfills one 3-unit behavioral requirement for CAADE.

*Transfer credit: CSU***ADS R109—Marriage and Cultural Influences****3 units***3 hours lecture weekly*

Primary emphasis is exploration of social and psychological consequences of ethnic background as contributing factors in misuse of alcohol. Further emphasis placed on lack of choice as to status, categorization in the larger society, and structural adaptations of Blacks, Chicanos, Indians, and Puerto Ricans; changing role of women, stress-producing factors in marriage, and use and misuse of alcohol by youth explored. Fulfills one 3-unit skills requirement for CAADE.

*Transfer credit: CSU***ADS R110A—Field Experience I****3 units***Prerequisites: Completion of 12 units in the ADS program.**1 hour lecture, 6 hours lab weekly*

Experience in applied alcohol studies in community agencies such as mental health, youth correction, welfare, homes for the neglected, selected industrial settings, military bases, Alcoholics Anonymous, and other private and public agencies for prevention and treatment of alcoholics. Students supervised by credentialed instructional staff. Fulfills one 3-unit field studies requirement for CAADE.

*Transfer credit: CSU***ADS R110B—Field Experience II****3 units***Prerequisites: ADS R110A.**1 hour lecture, 6 hours lab weekly*

Experience in applied alcohol studies in a two-semester sequence where students are placed in various agencies and organizations in the alcohol education and treatment field. Students learn through supervised participation in agency work. Semester will emphasize student growth in self-awareness and self esteem, interviewing skills, connections and interrelationships with other core courses, introduction to systems, and the agency and client systems. Fulfills one 3-unit field studies requirement for CAADE.

*Transfer credit: CSU***ADS R111—Managing Alcohol Programs****3 units***Prerequisites: ADS R101, ADS R110A.**3 hours lecture weekly*

Course focuses on five levels of alcohol program management: federal, state and local governments, and private and voluntary agencies. Emphasis on organization, inter- and intra-organizational relationships, communication, employee assistance programs, and management styles and their influence on services. Current and anticipated impact of alcohol and drug abuse on individual and community health problems and societal institutions and resources integrated into analysis of program management. Fulfills one 3-unit skills requirement for CAADE.

Transfer credit: CSU

ADS R112—Prevention**3 units***3 hours lecture weekly*

Study of prevention strategies in the field of alcohol and drug addictions stressing a positive and practical approach to the diminution and eradication of addictive diseases in our society. Fulfills one 3-unit skills requirement of CAADE.

*Transfer credit: CSU***ADS R113—Dual Diagnosis****3 units***Prerequisites: ADS R108.**3 hours lecture weekly*

Course addresses the coexistence of chemical dependency and other major psychiatric illnesses. Course will focus on identification and assessment, current treatment approaches, understanding medications, making appropriate referrals, and how addiction counselors may interface with the professional mental health community. Fulfills one 3-unit skills requirement for CAADE.

*Transfer credit: CSU***ADS R114—EAP Practice****3 units***3 hours lecture weekly*

Course is intended to offer the student an overview and basic understanding of Employee Assistance Program practice and administration. Six components, called the EAP Core Technology (assessment/referral, consultation to management/supervisors, use of constructive confrontation, microlinkages for treatment, creation of macrolinkages to maintain resources, and focus on employee alcohol/substance abuse problems), define the uniqueness of EAP in the workplace. In addition to the core technology, the course will discuss EAP policy development, program design, employee orientation, supervisory training, legal mandates, financial considerations/managed care, and program evaluation.

*Transfer credit: CSU***ADS R115—Alcohol/Drugs/Nutrition****3 units***Prerequisites: ADS R101.**3 hours lecture weekly*

The principles of sound nutrition will be taught to provide basic information so that an understanding of the nutritional needs of the recovering alcoholic/drug addict can be thoroughly discussed. The prevalence of eating disorders such as bulimia, anorexia, and compulsive overeating in recovering individuals will be emphasized. The similarities between drug addiction and eating disorders will also be discussed. Finally, the physical implications of substance abuse and the affect on nutritional status, particularly in pregnancy, will be addressed.

*Transfer credit: CSU***ADS R116—Alcohol/Drugs/Driving Laws****3 units***Prerequisites: ADS R101 or equivalent.**3 hours lecture weekly*

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

*Transfer credit: CSU***ADS R117—Treatment Modalities for Criminal Justice Clients****3 units***3 hours lecture weekly*

This course is an examination of the treatment and intervention models in the criminal justice system (CJS) for treating the substance abusing client. The focus will be on the various treatment approaches used at each phase of the justice continuum, that is, the pretrial phase, custodial phase, pre-release phase, and probation/parole supervision phase. The course will examine the concept of graduated sanctions for drug use violations and the

various aspects of the community, courts, prison system, and probation/parole that affect the recovery goals of the client and treatment providers. Field trips may be required. (2)

*Transfer credit: CSU***ADS R118—Addiction Recovery in the Criminal Justice System****3 units***3 hours lecture weekly*

This course is designed to familiarize students with the theories of addiction and their application to incarcerated populations of men, women, and youth. Theories of criminology, diversity, and prevention of gang involvement, lethal criminal behavior, and recovery from addictions will be the emphasis of this course. The course will give special consideration to the impact of gender, race, and culture in the treatment of the prison population. Field trips may be required. (2)

*Transfer credit: CSU***ADS R119—Alcohol/Drug Rehabilitation Strategies for the Client in the Criminal Justice System Community (New Course-Fall 2001)****3 units***3 hours lecture weekly*

This course is designed to familiarize students with the various theories of rehabilitation for addicts in the Criminal Justice System from initial incarceration to reinstatement in the community. Students will be introduced to various therapeutic community models, the methodology involved in such models, and step-by-step explanations and illustrations of the entire process of life-style changes. Field trips may be required.

Transfer credit: CSU

AFRICAN-AMERICAN STUDIES

African-American Studies Courses**AFAM R101—African-American Ethnology****3 units***Prerequisites: None. General or cultural anthropology preferred, but not required.**3 hours lecture weekly*

An anthropological exploration of the ethnohistorical development of African lifestyles in the New World. Special emphasis will be on the African-American in the United States. Fieldwork in the local community will be part of the course. (Same as ANTH R114)

Transfer credit: UC, CSU

AIR CONDITIONING & REFRIGERATION

The field of air conditioning, heating, and refrigeration offers employment in the areas of service and repair, construction and installation, sales, manufacturing, and plant maintenance.

Career Opportunities

Sales	Manufacturing
Service and Repair	Plant Maintenance
Construction and Installation	

Faculty

Full Time	Part-Time	Counselor
Robert Chatenever	Alan Ainsworth	Daniel Goicoechea
	Dirk DeKreek	
	Nick Ioannidis	
	Jack Smith	

◆ Air Conditioning/Refrigeration

Associate in Science Degree Certificate of Achievement

Required Courses:		Units
AC R010	AC & Refrigeration I	3
AC R010L	AC & Refrigeration I Lab	2
AC R011L	AC & Refrigeration II Lab	2
AC R020	Electrical Systems I	3
AC R020L	Electrical Systems I Lab	2
AC R021L	Electrical Systems II Lab	2
AC R030	Airside Systems	3
AC R030L	Airside Systems Lab	2
AC R040	Heating Control Systems	3
AC R040L	Heating Control Systems Lab	2
Total Required Units		24

Air Conditioning & Refrigeration Courses

AC R001—Air Conditioning & Refrigeration 15 units

12 hours lecture, 9 hours lab weekly

Comprehensive curriculum covering topics over the full range of the heating, air conditioning, and refrigeration industry. Field trips may be required. Students will be placed into individual courses within the Air Conditioning and Refrigeration Program.

AC R010—Air Conditioning & Refrigeration I 3 units

Advisory: AC R010L.

3 hours lecture weekly

Basic study of vapor compression refrigeration cycle and systems components.

AC R010L—Air Conditioning & Refrigeration I Lab 2 units

Advisory: AC R010.

1 hour lecture, 3 hours lab weekly

Lecture/lab class projects involving operation of compression systems; design and construction of system piping, techniques of forming, soldering, and brazing copper tubing.

AC R011—Air Conditioning & Refrigeration II 3 units

Prerequisites: AC R010.

Advisory: AC R011L.

3 hours lecture weekly

Second level of instruction in refrigeration. Application of concepts learned in AC R010 with additional emphasis on commercial systems.

AC R011L—Air Conditioning & Refrigeration II Lab 2 units

Prerequisites: AC R010L.

1 hour lecture, 3 hours lab weekly

Second level of refrigeration shop work. Includes setting up controls on commercial-type systems, repair of systems.

AC R020—Electrical Systems I 3 units

Advisory: AC R010, AC R010L, AC R020L.

3 hours lecture weekly

Basic concepts in electrical principles used in air conditioning. Schematic reading, single phase motor starting, three-phase motor starting, electrical safety.

AC R020L—Electrical Systems I Lab 2 units

Advisory: AC R020.

1 hour lecture, 3 hours lab weekly

Lab projects and experiments in principles and application of electric circuits equipment and controls, schematic reading, circuit wiring, use of electrical measuring instruments.

AC R021—Electrical Systems II 3 units

Prerequisites: AC R020.

3 hours lecture weekly

Second level of instruction in electrical systems for refrigeration and air conditioning. Application of AC R020 concepts to commercial systems.

AC R021L—Electrical Systems II Lab 2 units

Prerequisites: AC R020L.

1 hour lecture, 3 hours lab weekly

Second level of instruction in electrical systems lab. Includes wiring and controls of commercial-type systems.

AC R030—Airside Systems 3 units

Advisory: AC R010.

3 hours lecture weekly

Study of the behavior of air with emphasis on the psychometric chart and airside equipment. Calculations for the conditioned air supply for processes, such as heating, cooling, dehumidifying, and evaporative cooling are studied.

AC R030L—Airside Systems Lab 2 units

Advisory: AC R030.

1 hour lecture, 3 hours lab weekly

Use of air measuring instruments and lab design projects in determining heating and cooling loads and required air supply, selection of duct sizes.

AC R040—Heating Control Systems 3 units

Corequisites: AC R010; AC R040L suggested.

3 hours lecture weekly

Study of gas, steam, hot water, and solar heating systems, pumps, steam and water piping and accessories, and heat powered absorption refrigeration systems; control systems pneumatic, electric, and self-contained instrumentation.

AC R040L—Heating Control Systems Lab 2 units

Advisory: AC R040.

1 hour lecture, 3 hours lab weekly

Lab exercises for gas, steam, hot water, and solar heating systems, pumps and piping, and pneumatic controls, including maintenance procedures and adjustment.

AC R080—Industry Survey/Repair 1 unit

Advisory: AC R010L, AC R030L, AC R040L or concurrent enrollment or equivalent.

3 hours lab weekly

Survey of local industries, opportunities and equipment. Repairs on equipment brought in by students will be done with guidance from instructor. Course may be taken two times.

AC R098—Short Courses in Air Conditioning & Refrigeration ½-10 units

Lecture and/or lab hours as required by unit formula

Specialized workshops designed to update air conditioning and refrigeration personnel as required for in-service training requirements in specific subject matter areas. Unit credit determined by length of instruction of the workshop as defined by current credit standards; total workshop credit limited to 10 units. (2)

AMERICAN SIGN LANGUAGE

Faculty

Full-Time	Part-Time
Julie Lovejoy	Debra Kaskus

American Sign Language Courses

ASL R101—Beginning American Sign Language I 3 units

3 hours lecture weekly

Students with little or no prior knowledge of American Sign Language (ASL) will be introduced to the natural language of deaf people. Provides basic vocabulary and preparation for visual/gestural communication including information relating to deaf culture. Emphasis will be on comprehension skills and the fundamentals of ASL grammatical structures. Course may be taken two times. (2)

Transfer credit: UC, CSU

ASL R102—Beginning American Sign Language II 3 units*Prerequisites: ASL R101, or equivalent.**3 hours lecture weekly*

Building on the skills acquired in the ASL R101 course, instruction will focus on ASL sentence types, time, numbers, pronominalization, classifiers, spatial referencing, pluralization, temporal and distributional aspects of the language. Additional information on deaf culture and community will be presented. Course may be taken two times. (2)

*Transfer credit: UC, CSU***ASL R103—Intermediate American Sign Language I 3 units***Prerequisites: ASL R102, or equivalent.**3 hours lecture weekly*

Course will continue the study of conversational American Sign Language with expanded information on ASL grammar syntax, spatial referencing, and vocabulary development. Dialogues, short stories, narratives, and short conversations will focus on discussion of deaf culture and detailed descriptions of people and surroundings. Course may be taken two times. (2)

*Transfer credit: UC, CSU***ASL R104—Intermediate American Sign Language II 3 units***Prerequisites: ASL R103, or equivalent.**3 hours lecture weekly*

Course will build on skills acquired in ASL R103, and includes more complex ASL grammatical features, vocabulary building in context, and comprehension and development of medium-length stories, narratives and dialogues. Discussion material will include topics which are culturally significant to the deaf community. Course may be taken two times. (2)

*Transfer credit: UC, CSU***ASL R105—Advanced American Sign Language 3 units***Prerequisites: ASL R104, or equivalent.**3 hours lecture weekly*

Course introduces students to signing beyond the conversational level. Receptive skills development focuses on increased comprehension of a variety of signing styles. Expressive skill development focuses on increased clarity, fluency, and speed. Includes student-led discussions, and reports on topics in deaf culture, society, and current affairs. Course may be taken two times. (2)

Transfer credit: UC, CSU

NOTE: The courses listed below have been temporarily suspended. For further information, please contact the Liberal Education division office.

SL 50	English Grammar for the Deaf
SL 98A-Z	Short Courses in Sign Language
SL 189A-Z	Topics in Sign Language
SL 199	Directed Studies in Sign Language

ANATOMY

See courses in Biological Sciences

ANTHROPOLOGY

Career Opportunities

Archivist	Curator
Social Scientist	

Faculty

Full-Time	Part-Time
Linda Kamaila	Jeannie Derr
	John Greer

◆ Anthropology

Associate in Arts Degree**Required Courses:**

		Units
ANTH R101	Physical Anthropology	3
ANTH R102	Cultural Anthropology	3
ANTH R103	Introduction to Archaeology	3
		9

Required Additional Courses:

		Units
Complete a minimum of 9 units from the following:		
ANTH R104	Archaeological Field Methods	3
ANTH R105	Women, Culture and Society	3
ANTH R106	Culture and Personality	3
ANTH R107	Introduction to Native America	3
ANTH R110	People and Cultures of the World	3
ANTH R113	Ancient Civilizations of the Americas	3
ANTH R115	Introduction to Linguistics	3
ANTH R189C	Magic, Religion, and Witchcraft	3
ART R102	Art History I	3
HIST R105	Western Civilization I	3
IDS R101A	History of Ideas and Evolution of Culture I	3
IDS R102	Science, Technology, and Human Values	3
MATH R105	Introductory Statistics	4
PHIL R108	Mythology	3
PSY R103	Statistics for Behavioral Science	3
		9

Total Required Units 18

Anthropology Courses

ANTH R101—Introduction to Physical Anthropology 3 units*3 hours lecture weekly*

The human species, its origin and present biological variations, based on current evolutionary theory, fossil evidence, primate behavior, population genetics, and comparative vertebrate evolution; origin of culture and its interaction with our unique human form, intelligence, emotions, and sexuality. (2)

*Transfer credit: UC, CSU (CAN: ANTH 2)***ANTH R102—Introduction to Cultural Anthropology 3 units***3 hours lecture weekly*

Study of human society with emphasis on nature and significance of culture in human life; comparisons, drawn largely from non-Western, non-industrial societies, illustrate diverse solutions to universal human problems; evolution and future of human cultures. (2)

*Transfer credit: UC, CSU (CAN: ANTH 4)***ANTH R103—Introduction to Archaeology 3 units***3 hours lecture weekly*

Anthropological study of world prehistory and evolution of culture from its earliest known origins through the appearance of civilizations as revealed by archaeological record; nature of archaeological evidence and its analysis. (2)

*Transfer credit: UC, CSU (CAN: ANTH 6)***ANTH R104—Archaeological Field Methods 3 units***1 hour lecture, 6 hours lab weekly*

Introduction to archaeological theory and methods in the field and laboratory. Emphasis on actual site excavation and laboratory analysis. Field trips and/or fees may be required. Course may be taken four times. (2)

Transfer credit: CSU

ANTH R105—Women, Culture and Society 3 units

3 hours lecture weekly

Course leads to understanding of women in a global, cross-cultural context. Women are examined alongside men, but with a focus on the feminine half of life. Biology, economics, psychology, spirituality and world views are the principle ethnographic topics. (2)

Transfer credit: UC, CSU

ANTH R106—Culture and Personality 3 units

3 hours lecture weekly

Comparative study of the relationship between culture and individual psychological processes. Child training and psychodynamics in non-Western cultures. Psychology of culture change. Personality disorders and psychotherapy studied cross-culturally. (2)

Transfer credit: UC, CSU

ANTH R107—Introduction to Native America 3 units

3 hours lecture weekly

Survey of Native American cultures, including prehistory, adaptations, and social, political and religious beliefs. The effects of European contact and the situations of contemporary Native Americans considered. Field trips may be required. (2)

Transfer credit: UC, CSU

ANTH R108—Cultures of the Pacific 3 units

3 hours lecture weekly

The four major areas of Australia, Melanesia, Polynesia and Micronesia will be explored. Cultural geography, prehistory, physical anthropology, navigational techniques, languages, and contemporary ethnography will be core topics. Adaptive significance of native cultures of each region will be presented. (2)

Transfer credit: UC, CSU

ANTH R109—Culture and History of the Philippines 3 units

3 hours lecture weekly

Introduction to understanding and appreciation of the peoples of the Philippines, set against their historical, ecological, linguistic and cultural backgrounds. Field work in the local community will be part of the course. (2)

Transfer credit: UC, CSU

ANTH R110—People and Cultures of the World 3 units

3 hours lecture weekly

Comparative study of human culture and elements of culture. Selected cultures studied and compared from anthropological perspectives. Emphasis on traditional societies and phenomena of culture change resulting from contact with modern societies. (2)

Transfer credit: UC, CSU

ANTH R113—Ancient Civilizations of the Americas 3 units

3 hours lecture weekly

Presentation and discussion of evidence and theories related to the origins and development of civilizations of the New World from the perspective of archaeology, prehistory, and anthropology. Data, interpretations, and theoretical models will be considered dealing with the early civilizations and proto-civilizations in Mesoamerica, South America, and North America. (2)

Transfer credit: UC, CSU

ANTH R114—African-American Ethnology 3 units

Prerequisites: None. General or cultural anthropology preferred, but not required.

3 hours lecture weekly

An anthropological exploration of the ethnohistorical development of African lifestyles in the New World. Special

emphasis will be on the African-American in the U.S. Fieldwork in the local community will be part of the course. (Same as AFAM R101)

Transfer credit: UC, CSU

ANTH R115—Introduction to Linguistics 3 units

3 hours lecture weekly

Current thinking on language and linguistics from a variety of perspectives. Course provides an introduction to historical linguistics, language change, language learning, bilingualism, pidgins and creoles, sociolinguistics, gender and language, and brain and language. (2).

Transfer credit: UC, CSU

ANTH R189—Topics in Anthropology 1/2-3 units

Lecture and/or lab as required by unit formula

Courses considering specialized, specific topics in Anthropology which are not covered in the general Anthropology offerings. Course may be taken four times.

Transfer credit: UC, CSU

ANTH R189B—Egyptology: Ancient Egyptian Culture and Civilization 3 units

3 hours lecture weekly

An introduction to the study of ancient Egyptian culture from the perspectives of anthropology, archaeology, and ethnohistory. Although the Archaic, Pre-Dynastic, and Post-Dynastic periods will be discussed, the main emphasis of the course is on the fluorescent culture of Dynastic Egypt, the Old, Middle, and New Kingdoms. (2)

Transfer credit: UC, CSU

ANTH R189C—Magic, Religion, and Witchcraft 3 units

3 hours lecture weekly

Introduction to magic, witchcraft, and sorcery as practiced by primitive, archaic, and classical cultures, comparisons with practices around the world today and a study of the intimate connection with ancient and modern religion. (2)

Transfer credit: UC, CSU

ANTH R189D—Experiences in Native American Culture 3 units

3 hours lecture weekly

Course teaches Native American culture using Native teaching methods. The integration of traditional verbal styles with non-verbal styles of learning (which could include dance, walks, contemplation, craft, art) is at the heart of the course. Students will accomplish some kind of specific craft or art project. Course may be taken three times. (2)

Transfer credit: CSU

ANTH R198—Short Courses in Anthropology 1/2-10 units

Lecture and/or lab hours as required by unit formula

Courses and/or workshops in selected areas of Anthropology to meet specific needs of college or community as requested and required. Field trips may be required. May be repeated for a maximum of 10 units. (2)

Transfer credit: UC, CSU

ANTH R199—Directed Studies in Anthropology 1-3 units

Prerequisites: A course in the specific field.

Lecture and/or lab hours as required by unit formula

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

Transfer credit: UC, CSU

AREA STUDIES

Area Studies Courses

AS R101A-Z—Introduction to Social Dynamics

½-10 units

Lecture and/or lab hours as required by unit formula

A set of courses designed to introduce the student to the historical, social, political and economic dynamics of foreign countries and regions. Courses will be arranged in a year-long sequence of variable length and units with attention to the needs of the students in programs offered in the college curriculum such as the International Business Program. Areas to be studied include: Africa, Australia, Asia: Far East, Asia: South/Southeast, Central and South America, Europe, Middle East, Pacific Rim, Soviet Union. Course may be taken four times. (1)

Transfer credit: CSU

AS R102A-Z—Introduction to Culture, Fine Arts, and Literature

½-4 units

Lecture and/or lab hours as required by unit formula

A set of courses designed to introduce the student to the culture of foreign countries through a study of Fine Arts and Literature, with attention to the needs of students. Course may be taken two times. (2)

Transfer credit: UC, CSU

NOTE: The course listed below has been temporarily suspended. For further information, please contact the Liberal Education division office.

AS 103 Foreign Language for Business and Finance

ART

The students who elect to major in the field of art have a variety of opportunities open to them.

Career Opportunities

Art Dealer	Artist's Agent
Ceramicist	Painter
Sculptor	Watercolor Artist
Photographer	

Faculty

Full-Time	Part-Time
Vince Flocco	Sydney Balbes
James Jarvaise	Jacquelyn Cavish
	Marsha Eakes

◆ ART

Associate in Arts Degree

A student may satisfy a major requirement in one of three ways: as a general art major, as an art two-dimensional studio major, or as an art three-dimensional studio major.

Required Courses for ALL Art Majors:

	Units
ART R102 Art History	3
ART R103 Art History	3
Required Courses for general majors:	
ART R104AB Beginning/Intermediate Color and Design (2+2)	4
ART R106AB Beginning/Intermediate Drawing (3+3)	6
ART R108AB Beginning/Intermediate Oil Painting (3+3)	6
ART R126AB Beginning/Intermediate Figure Drawing (3+3)	6

Total Units 28

Required Courses for Two-Dimensional Studio Majors

ART R104AB Beginning/Intermediate Color and Design (2+2)	4
R106AB(C**) Beginning/Intermediate Drawing (3+3)	6
**Advanced Drawing recommended for Drawing Majors (3)	
R108AB(C**) Beginning/Intermediate Oil Painting (3+3)	6
***Advanced Painting recommended for Painting Majors (3)	
ART R112AB Beginning/Intermediate Watercolor (3+3)	6
ART R115AB Abstract Concepts (3+3)	6
R126AB(C****) Beginning/Intermediate Figure Drawing (3+3)	6
****Advanced Figure Drawing recommended for Drawing Majors (3)	
ART R128AB Figure Painting (3+3)	6
Total Units	40

Required Courses for Three-Dimensional Studio:

ART R150AB Beginning Ceramics (3+3)	6
ART R151AB Intermediate Ceramics (3+3)	6
ART R152AB Ceramic Design (3+3)	6
ART R155AB Beginning/Intermediate Sculpture (3+3)	6
Total Units	24

Art Courses

ART R098—Short Courses in Art

½-10 units

Lecture and/or lab hours as required by unit formula

Specialized topics designed to inform or update interested persons in the various disciplines within art. (2)

ART R100A—Survey of 20th Century Painting

3 units

3 hours lecture weekly

A survey of modern painting from late 19th century through 20th century, covering selected painters and painting movements that were evolved with and responsible for new directional changes in contemporary painting. These changes lead to one of the most important movements in the 20th century, "Abstract Expressionism," an American art movement that permeated and influenced painters and art trends throughout the world. Course may be taken two times. (2)

Transfer credit: UC, CSU

ART R101—Art Appreciation

3 units

3 hours lecture weekly

One-semester survey to acquaint students with major periods and styles of art of the western world and to develop understanding of the visual arts. Recommended for the general student. (2)

Transfer credit: UC, CSU

ART R102—Art History I

3 units

3 hours lecture weekly

Survey of the history of art of the western world from prehistoric times to the present; emphasis on techniques of producing art as well as an examination of the key figures in art history. Required of all art majors. (2)

Transfer credit: UC, CSU (CAN: ART 2)

ART R103—Art History II

3 units

3 hours lecture weekly

Survey of the history of art of the western world from prehistoric times to the present; emphasis on techniques of producing art as well as an examination of the key figures in art history. Required of all art majors. (2)

Transfer credit: UC, CSU (CAN: ART 4)

ART R104A—Beginning Color and Design 2 units*1 hour lecture, 3 hours lab weekly*

Basic course provides thorough background in design principles—problems in line, shape, texture, form, and color; working with practical color theory, making a color wheel, twelve color system, mixing process with three primary colors, value grading, making and understanding tints, tones, shades and harmonies developed for certain design needs. Course may be taken two times. (2)

*Transfer credit: UC, CSU***ART R104B—Intermediate Color and Design** 2 units*Prerequisites: ART R104A.**1 hour lecture, 3 hours lab weekly*

A further development from ART R104A with usage of new materials adjusting levels of intensity and value of low yield color harmonies. Specific ideas of suitable procedures in projects designed for various segments in the design field, such as advertising, fabric, fashion interior. Value of Op color. Course may be taken two times. (2)

*Transfer credit: UC, CSU***ART R105A—Beginning Design Rendering I** 3 units*Prerequisites: ART R104B, ART R106B.**1½ hours lecture, 4½ hours lab weekly*

Rendering for accurate, detailed and dramatic abstract presentations for illustration. For beginning design students interested in design illustrations. Course may be taken two times. (2)

*Transfer credit: CSU***ART R105B—Beginning Design Rendering II** 3 units*Prerequisites: ART R105A.**1½ hours lecture, 4½ hours lab weekly*

Rendering for accurate, detailed and dramatic abstract presentations for illustration. For beginning design students interested in design illustrations. Course may be taken two times. (2)

*Transfer credit: CSU***ART R106A—Beginning Drawing** 3 units*1½ hours lecture, 4½ hours lab weekly*

Basic drawing experience stresses graphic representation of objects through a variety of media and techniques; particular emphasis upon the fundamental means of pictorial composition. Field trips may be required. Course may be taken two times. (2)

*Transfer credit: UC, CSU (CAN: ART 8)***ART R106B—Intermediate Drawing** 3 units*Prerequisites: ART R106A.**1½ hours lecture, 4½ hours lab weekly*

Using materials in a variety of ways: line structures, mass structuring, building structured shapes (use of perspective). Begin drawing from compositional set-ups. Selection and composing. (2)

*Transfer credit: UC, CSU***ART R106C—Advanced Drawing** 3 units*Prerequisites: ART R106B.**1½ hours lecture, 4½ hours lab weekly*

Study complexities and simplicities of composition development. Overstated objects, diminishing objects and understanding the value of either. Overstated and understated procedures in composition. Further technical development. (2)

*Transfer credit: UC, CSU***ART R107A—Beginning Collage and Composite Drawing** 3 units*Prerequisites: ART R106A.**1½ hours lecture, 4½ hours lab weekly*

Study of changes and new methods in contemporary drawing. New look at segmented or composite collaging as a means to a new outlook and procedure in drawing. Course may be taken two times. (2)

*Transfer credit: UC, CSU***ART R107B—Intermediate Collage and Composite Drawing** 3 units*Prerequisites: ART R107A.**1½ hours lecture, 4½ hours lab weekly*

Following beginning segment ART R107A, further adjustments and conditioning of both the visual and critical thinking in order to progress in an experimental way toward a synthesis of skill and further exploration from our basic beginnings. (2)

*Transfer credit: UC, CSU***ART R107C—Advanced Collage and Composite Drawing** 3 units*Prerequisites: ART R107B.**1½ hours lecture, 4½ hours lab weekly*

Adjustments and continued exploration in areas of a so-called unknown factor. The transition from beginning to semi-practical, to a newer and impractical discovery of new shapes or forms and technical changes necessary to compliment those discoveries. (2)

*Transfer credit: UC, CSU***ART R108A—Beginning Oil Painting** 3 units*Prerequisites: ART R104B, ART R106B or equivalent.**1½ hours lecture, 4½ hours lab weekly*

Use and understanding of basic oil materials and their application in painting. Learning basic concepts of organization and selection. Awareness of shape, form and color, and their importance in composition. Course may be taken two times. (2)

*Transfer credit: UC, CSU (CAN: ART 10)***ART R108B—Intermediate Oil Painting** 3 units*Prerequisites: ART R108A.**1½ hours lecture, 4½ hours lab weekly*

Critical evaluation of student's work at a higher level and its placement in contemporary art trends; the student will work more on his/her own as in a solo situation. Self-evaluation techniques are taught. (2)

*Transfer credit: UC, CSU***ART R108C—Advanced Oil Painting** 3 units*Prerequisites: ART R108B.**1½ hours lecture, 4½ hours lab weekly*

Exploration of more advanced concepts in painting; examines abstract qualities in contemporary art; understanding philosophical trends and movements in painting; critical analysis of student works. (2)

*Transfer credit: UC, CSU***ART R109A—Beginning Collage Painting** 3 units*Prerequisites: ART R108A or equivalent.**1½ hours lecture, 4½ hours lab weekly*

Study and practice of collage in painting; new material and new methods utilized to produce a varied abstract quality in contemporary painting. Course may be taken two times. (2)

*Transfer credit: UC, CSU***ART R109B—Intermediate Collage Painting** 3 units*Prerequisites: ART R109A or equivalent.**1½ hours lecture, 4½ hours lab weekly*

Moving from beginnings and accomplishments in ART R109A to directional change both in visual and intellectual transition. Shape, form, structure, materials will change or be modified in the process. (2)

*Transfer credit: UC, CSU***ART R109C—Advanced Collage Painting** 3 units*Prerequisites: ART R109B or equivalent.**1½ hours lecture, 4½ hours lab weekly*

During process of continued change from ART R109B, the visual and critical analysis of painting collage and its transitions, in the art world today, its causes and effects on art technology and its continued use in a great percentage of art works today. Students continued investigation and transition in their own works with necessary research and information gathering from contemporary art today. (2)

Transfer credit: UC, CSU

ART R110A—Beginning Acrylic Painting 3 units

Prerequisites: ART R104B, ART R106B or equivalent.

1½ hours lecture, 4½ hours lab weekly

Learning basic concepts or organization and selection in still life. Awareness of shape and form, their importance in composition. Basic acrylic palette and media water soluble. Course may be taken two times. (2)

Transfer credit: UC, CSU

ART R110B—Intermediate Acrylic Painting 3 units

Prerequisites: ART R110A.

1½ hours lecture, 4½ hours lab weekly

Continued mastering of beginning concepts and involvement in more complex possibilities. Fragmentation, over-enlargement, manipulation. (2)

Transfer credit: UC, CSU

ART R110C—Advanced Acrylic Painting 3 units

Prerequisites: ART R110B.

1½ hours lecture, 4½ hours lab weekly

Complex versus simplicities. Analyzing and sectioning for distortion and psychological visual enhancement. Relocation of formal parts of given set-up. Change in size, shape, form. Intellectual and intuitive solutions. (2)

Transfer credit: UC, CSU

ART R112A—Beginning Watercolor 3 units

Prerequisites: ART R104B, ART R106B or equivalent.

1½ hours lecture, 4½ hours lab weekly

Using watercolor medium; understanding its versatility in transparencies and opacities; the effectiveness in either quick or long term interpretations. Course may be taken two times. (2)

Transfer credit: UC, CSU

ART R112B—Intermediate Watercolor 3 units

Prerequisites: ART R112A.

1½ hours lecture, 4½ hours lab weekly

Continued exploration of the watercolor medium in a variety of techniques, emphasizing new bold approaches in abstract and application in realist form. (2)

Transfer credit: UC, CSU

ART R112C—Advanced Watercolor 3 units

Prerequisites: ART R112B.

1½ hours lecture, 4½ hours lab weekly

Continuation of methods learned in beginning and intermediate levels with further use of newer technical materials necessitating some newer approaches and inventiveness. (2)

Transfer credit: UC, CSU

ART R113A—Color and Form I 2 units

Prerequisites: ART R104B, ART R106B, ART R126B.

1 hour lecture, 3 hours lab weekly

Introduction of intellectual and intuitive concepts in studio art, primarily painting but relevant to all areas. Exploration through problems and lecture of philosophical and psychological solutions in contemporary art movements. Field trips may be taken. (2)

Transfer credit: UC, CSU

ART R113B—Color and Form II 2 units

Prerequisites: ART R113A.

1 hour lecture, 3 hours lab weekly

Continuation of intellectual and intuitive concepts in studio art, primarily painting but relevant to all areas. Exploration through problems and lecture of philosophical and psychological solutions in contemporary art movements. Field trips may be taken. (2)

Transfer credit: UC, CSU

ART R114A—Beginning Landscape Painting 3 units

Prerequisites: ART R104B, ART R106B or equivalent.

1½ hours lecture, 4½ hours lab weekly

Painting in landscape environmental locations, dealing with compositional scope and selection in nature. Open to all painting media. Travel to nearby sites is necessary. Course may be taken two times. (2)

Transfer credit: UC, CSU

ART R114B—Intermediate Landscape Painting 3 units

Prerequisites: ART R114A.

1½ hours lecture, 4½ hours lab weekly

Continuation of beginning landscape with modification in more advanced practices. Wide range and segmentation, exclusion and inclusion, direct interpretation and portioning, manipulation and/or repositioning of landscape shapes and forms. (2)

Transfer credit: UC, CSU

ART R114C—Advanced Landscape Painting 3 units

Prerequisites: ART R114B.

1½ hours lecture, 4½ hours lab weekly

Developing compositional drawings and sketches with color notes, on location independently by the student are preliminaries to the painting. These collective informative drawings and necessary color notes are brought into the studio for final translation into painting. (2)

Transfer credit: UC, CSU

ART R115A—Abstract Concepts I 3 units

Prerequisites: ART R110B, ART R112B, ART R126B or equivalent.

1½ hours lecture, 4½ hours lab weekly

Exploring abstract conceptual trends, both past and present. Dealing with a product relative to findings. Working within the areas of abstraction in real and non-objective form. Course may be taken two times. (2)

Transfer credit: UC, CSU

ART R115B—Abstract Concepts II 3 units

Prerequisites: ART R115A.

1½ hours lecture, 4½ hours lab weekly

Exploring abstract conceptual trends, both past and present. Dealing with a product relative to findings. Working within the areas of abstraction in real and non-objective form. Course may be taken two times. (2)

Transfer credit: UC, CSU

ART R116A—Color Theory for Painters 3 units

2 hours lecture, 3 hours lab weekly

A systematic look at color and its value in all phases of art with particular emphasis on its importance to the contemporary diverse areas of painting. Course may be taken two times. (2)

Transfer credit: UC, CSU

ART R116B—Intermediate Color Theory for Painters 3 units

Prerequisites: ART R103A.

2 hours lecture, 3 hours lab weekly

A continual examination of schematics in color, solutions for design and painterly problems, with emphasis by survey of contemporary painters and trends in art. Course may be taken two times. (2)

Transfer credit: UC, CSU

ART R117A—Materials and Methods of the Artist I 3 units

1½ hours lecture, 4½ hours lab weekly

Fundamentals of materials and methods of the Artists, the practical understanding and knowledge of studio procedures in all the important basic practices necessary for anyone interested in an art-related career. Highly recommended for art majors. Field trips may be taken. (2)

Transfer credit: UC, CSU

ART R117B—Materials and Methods of the Artist II

3 units

Prerequisites: ART R117A.

1½ hours lecture, 4½ hours lab weekly

Following the practical and technical aspect of painting procedures in ART R117A, the emphasis in this class will include all the necessary materials, application, and practical experience in the presentation of art works of all types. Highly recommended for art majors. Field trips may be taken. (2)

Transfer credit: UC, CSU

ART R118—New Directions in Contemporary Painting

3 units

Prerequisites: ART R103 and ART R108.

3 hours lecture weekly

A study of specific painting movements in modern art (late 19th to 20th century) that historically and philosophically led to major changes, creating new directions in contemporary painting, focusing on three vital movements termed Neo-Impressionism, Neo-Expressionism, and Neo-Classicism. Course may be taken two times.

Transfer credit: UC, CSU

ART R120—Monotype (New Course-Fall 2001)

3 units

Prerequisites: ART R108A.

1½ hours lecture, 4½ hours lab weekly

This course teaches a hands-on contemporary printing method that deals with painting procedures. It involves a printing technique, using blocks, pads, and templates. The printing is by pressure rubbings or pressure mounted roller. Though it is called Monotype, additional prints can be made by re-saturating the base plate with additional painting medium. Field trips may be required.

Transfer credit: CSU

ART R123A—Beginning Watercolor in Collage

3 units

Prerequisites: ART R112A or equivalent.

1½ hours lecture, 4½ hours lab weekly

Another movement into the collage medium which presents many new variables and possibilities. The greatest interest in the use of watercolor in collage is in its staining effect. Both transparent and opaque—a newer application of collaging which lends itself best in abstraction. Course may be taken two times. (2)

Transfer credit: UC, CSU

ART R123B—Intermediate Watercolor in Collage

3 units

Prerequisites: ART R123A or equivalent.

1½ hours lecture, 4½ hours lab weekly

Moving from beginning accomplishments in ART R123A to directional change both in visual and intellectual transition. Shape, form, structure, and materials will change or be modified in the process. (2)

Transfer credit: UC, CSU

ART R124A—Beginning Gouache Painting

3 units

Prerequisites: ART R104A, ART R106A or equivalent.

1½ hours lecture, 4½ hours lab weekly

Painting in a watercolor medium which utilizes translucencies and opacities. An area of watercolor that changes the technical approach and procedures in watercolor painting. Exploration of medium use of watercolor paints and gouache color paints. Basic painting procedures working from still-life set-up, landscape figure in composition, academic to abstract. Course may be taken two times. (2)

Transfer credit: UC, CSU

ART R124B—Intermediate Gouache Painting

3 units

Prerequisites: ART R124A or equivalent.

1½ hours lecture, 4½ hours lab weekly

Continuation of work in a watercolor medium which utilizes translucencies and opacities. An area of watercolor that changes the technical approach and procedures in watercolor painting. Further exploration of medium use of watercolor paints and

gouache color paints. More complex painting procedure working from still-life set-up, landscape figure in composition, academic to abstract. (2)

Transfer credit: UC, CSU

ART R124C—Advanced Gouache Painting

3 units

Prerequisites: ART R124B or equivalent.

1½ hours lecture, 4½ hours lab weekly

Further work in a watercolor medium which utilizes translucencies and opacities. An area of watercolor that changes the technical approach and procedures in watercolor painting. Continued exploration of medium use of watercolor paints and gouache color paints. Advanced painting procedures working from still-life set-up, landscape figure in composition, academic to abstract. (2)

Transfer credit: UC, CSU

ART R125A—Beginning Figure Painting in Watercolor

3 units

Prerequisites: ART R126C, ART R112C or equivalent.

1½ hours lecture, 4½ hours lab weekly

Basic use of color in structuring the human form, nude or clothed, in both singular and compositional set-ups. Technical methods of transparent color usage in saturation, overlay, wet on wet, wet on dry procedures all done on watercolor paper. Course may be taken two times. (2)

Transfer credit: UC, CSU

ART R125B—Intermediate Figure Painting in Watercolor

3 units

Prerequisites: ART R125A.

1½ hours lecture, 4½ hours lab weekly

Continuation from beginning section with further refinement and technical improvement. Some additional colors added to basic watercolor palette. Volume painting in color—space omissions for isolating various segments, intuitively or by design. Freer painting procedures. (2)

Transfer credit: UC, CSU

ART R125C—Advanced Figure Painting in Watercolor

3 units

Prerequisites: ART R125B or equivalent.

1½ hours lecture, 4½ hours lab weekly

Continued refinement and technical improvement. Full palette in watercolor with selected designer gouache colors allowing for a gouache technique or opacity in an otherwise transparent medium. (2)

Transfer credit: UC, CSU

ART R126A—Beginning Figure Drawing

3 units

Prerequisites: ART R106A or equivalent.

1½ hours lecture, 4½ hours lab weekly

Drawing the human figure from live models, using many media including charcoal, pencil, conté crayon, pastels, and multimedia. Emphasis on visual observations of structure, proportions, form, compositions; use of linear and tonal concepts. Course may be taken two times. (2)

Transfer credit: UC, CSU (CAN: ART 24)

ART R126B—Intermediate Figure Drawing

3 units

Prerequisites: ART R126A.

1½ hours lecture, 4½ hours lab weekly

Continuation of beginning figure drawing, but includes minor structures that surround or may be included in set-up (pose). Compositional. Further technical improvement in academic procedures and development. (2)

Transfer credit: UC, CSU

ART R126C—Advanced Figure Drawing

3 units

Prerequisites: ART R126B.

1½ hours lecture, 4½ hours lab weekly

Looking at figure in compositional set-up. Structured poses with other objects and structures. The relationship between geometric and organic form. (2)

Transfer credit: UC, CSU

ART R127A—Beginning Portraiture (Drawing) 3 units

Prerequisites: ART R126A or equivalent.

1½ hours lecture, 4½ hours lab weekly

Drawing from the model, with emphasis on head structure and characterization and likeness. Course may be taken two times. (2)

Transfer credit: UC, CSU

ART R127B—Intermediate Portraiture (Drawing) 3 units

Prerequisites: ART R127A.

1½ hours lecture, 4½ hours lab weekly

Further refinement in beginning basics. Continuation from beginning classes, but further advancement by practical and learned skills. (2)

Transfer credit: UC, CSU

ART R127C—Advanced Portraiture (Drawing) 3 units

Prerequisites: ART R127B.

1½ hours lecture, 4½ hours lab weekly

Continuation of other levels of portraiture, advancement in structure and likeness utilizing color and technical drawing skills for further refinement. (2)

Transfer credit: UC, CSU

ART R128A—Beginning Figure Painting in Oil 3 units

Prerequisites: ART R126C, ART R108C or equivalent.

1½ hours lecture, 4½ hours lab weekly

Technically allocated to the oil media in basic practices and procedures in painting. The ability to emphasize and emulate graphically and in color structures either academically or abstractly, the human or figurative form singularly or compositionally. Course may be taken two times. (2)

Transfer credit: UC, CSU

ART R128B—Intermediate Figure Painting in Oil 3 units

Prerequisites: ART R128A or equivalent.

1½ hours lecture, 4½ hours lab weekly

Continuation of beginning, but examining new practices and procedures in painting. Further examination and emphasis in color structures either academically or abstractly. (2)

Transfer credit: UC, CSU

ART R128C—Advanced Figure Painting in Oil 3 units

Prerequisites: ART R128B.

1½ hours lecture, 4½ hours lab weekly

Further examination and adjustments in the oil media in basic practices and procedures in painting. The ability to emphasize and emulate graphically and in color structure either academically or abstractly, the human or figurative form singularly or compositionally. Considerations of figure distortion, abstraction and or fragmentation to the point of non-objectivity. (2)

Transfer credit: UC, CSU

ART R129A—Beginning Figure in Composition Drawing, Pastels, and Others 3 units

Prerequisites: ART R126A.

1½ hours lecture, 4½ hours lab weekly

The study of figure placement in a variety of compositional setups, still life, interior, landscape, etc., its affect on all compositional arrangements. The single figure in composition. Course may be taken two times. (2)

Transfer credit: UC, CSU

ART R129B—Intermediate Figure in Composition Drawing 3 units

Prerequisites: ART R129A.

1½ hours lecture, 4½ hours lab weekly

Further study of figure placement. The single figure as a part of multi-figure composition, as well as multi-figures in composition. The figure in diminishing size, as well as the oversized figure. (2)

Transfer credit: UC, CSU

ART R129C—Advanced Figure in Composition Drawing 3 units

Prerequisites: ART R129B.

1½ hours lecture, 4½ hours lab weekly

Advanced study for figure placement. The figure in a diminishing size, as well as the oversized figure. An examination of the figure academically and abstractly. (2)

Transfer credit: UC, CSU

ART R130—Introduction to Commercial Art 2 units

Prerequisites: ART R104A and ART R106A or equivalent.

1 hour lecture, 3 hours lab weekly

This is the ideal class for those who want to learn about the technical aspect of commercial art, or for those already with some experience in production art and paste-up techniques, but wish to improve their skills in this field. This is the practical on-hands accelerated class that you have been looking for. This class covers production art, paste-up techniques, technical art, comping techniques, color separation, keylining, type specking, cost estimation, etc. Course may be taken two times. (2)

Transfer credit: CSU

ART R131A—Commercial Illustration I 3 units

1½ hours lecture, 4½ hours lab weekly

Commercial illustration projects will be assignments patterned after real world assignments. Emphasizes pre-sketching, research and a variety of printed applications with the practicality and the printability of the illustrations always a consideration. The importance of concept is always stressed. Assignments will vary each semester, but the main objective will remain the same. Course may be taken two times. (2)

Transfer credit: CSU

ART R131B—Commercial Illustration II 3 units

Prerequisites: ART R131A.

1½ hours lecture, 4½ hours lab weekly

A continuation of ART R131A; pre-sketching, research and a variety of printed applications with the practicality and the printability of the illustrations always a consideration. The importance of concept and camera-ready art is emphasized. Assignments will vary each semester, but the main objective will remain the same. Course may be taken two times. (2)

Transfer credit: CSU

ART R132A—Advanced Illustration/Rendering/Techniques 3 units

Prerequisites: ART R131B.

1½ hours lecture, 4½ hours lab weekly

Introduction to the use of new materials and techniques used in a variety of professional art and design areas, specifically in the field of commercial illustration. Emphasis is on understanding media potential and the development and refinement of technical commercial art skills required for the print and electronic media. Course may be taken two times.

Transfer credit: CSU

ART R132B—Exploring and Creating New Illustrative Technology 3 units

Prerequisites: ART R132A.

1½ hours lecture, 4½ hours lab weekly

A continuation of ART R132A; further exploration into a wide range of wet and dry media, use of new tools and techniques. Advanced graphic visualization for convincing representation, including in-depth study of airbrush and computer-graphics illustration, including animation. Also covered is professional portfolio and employment procedures. Course may be taken two times.

Transfer credit: CSU

ART R150A—Beginning Ceramics I**3 units***1½ hours lecture, 4½ hours lab weekly*

A beginning class in pottery-making, wheel-throwing, and coil method will be presented, as well as glaze application. Course may be taken two times. (2)

*Transfer credit: UC, CSU***ART 150B—Beginning Ceramics II****3 units***Prerequisites: ART R150A.**1½ hours lecture, 4½ hours lab weekly*

Continued development of wheel-throwing and coil skills and introduction of slab method of construction and review of glaze application. Course may be taken two times. (2)

*Transfer credit: UC, CSU***ART R151A—Intermediate Ceramics I****3 units***Prerequisites: ART R150B.**1½ hours lecture, 4½ hours lab weekly*

Intermediate class on wheel-thrown and coil-constructed pottery. Increased skill development in glaze application techniques. Course may be taken two times. (2)

*Transfer credit: UC, CSU***ART R151B—Intermediate Ceramics II****3 units***Prerequisites: ART R151A.**1½ hours lecture, 4½ hours lab weekly*

Emphasis will be on slab construction with continued development in wheel-thrown and coil-constructed forms. Course may be taken two times. (2)

*Transfer credit: UC, CSU***ART R152A—Ceramic Design I****3 units***Prerequisites: ART R151B.**1½ hours lecture, 4½ hours lab weekly*

An advanced beginners class. Greater emphasis is placed on aesthetic awareness of form and balance. Continued work in Raku; emphasis on wheel, coil, and advanced projects in glaze application. Course may be taken two times. (2)

*Transfer credit: UC, CSU***ART R152B—Ceramic Design II****3 units***Prerequisites: ART R152A.**1½ hours lecture, 4½ hours lab weekly*

An advanced beginners class. Continued emphasis on form and balance. Advanced projects in glaze application. Emphasis on the slab method. (2)

*Transfer credit: UC, CSU***ART R152C—Ceramic Design III****3 units***Prerequisites: ART R152B.**1½ hours lecture, 4½ hours lab weekly*

Class emphasizes the combination of the three elements of construction to work in concert with one another. Continued emphasis on glaze. (2)

*Transfer credit: UC, CSU***ART R153—Glaze Formulation****3 units***Prerequisites: ART R152B.**1½ hours lecture, 4½ hours lab weekly*

A study of ceramic glazes through practical laboratory experiments. Gram scale will be used to keep accurate record of ingredients used to formulate base glazes and oxides used as colorants. Course may be taken four times. (2)

*Transfer credit: UC, CSU***ART R154A—Beginning Abstract Concepts in Clay****3 units***Prerequisites: ART R152C.**1½ hours lecture, 4½ hours lab weekly*

This class introduces the use of low fire clay and glazes in the creation of original abstract forms, and is to include the use of electric kilns for clean firings. It is expected the student will already have a working knowledge of stoneware clay, high fire

glazes and gas reduction methods. Course may be taken two times. (2)

*Transfer credit: UC, CSU***ART R154B—Intermediate Abstract Concepts in Clay****3 units***Prerequisites: ART R154A.**1½ hours lecture, 4½ hours lab weekly*

Continuation of ART R154A to further the students understanding of the use of low fire clays and glazes. Additional instruction in the use of the electric kiln will be presented. (2)

*Transfer credit: UC, CSU***ART R155—Beginning Sculpture****3 units***1½ hours lecture, 4½ hours lab weekly*

Studio course in fundamentals of sculpture exploring historical and philosophical aspects of sculpture in conjunction with practical projects and experience. Emphasis on developing understanding of sculptural problems with the human figure and abstract form. Field trips may be required. Course may be taken two times. (2)

*Transfer credit: UC, CSU***ART R156A—Intermediate Sculpture I****3 units***Prerequisites: ART R155.**1½ hours lecture, 4½ hours lab weekly*

Intermediate studio course in fundamentals of sculpture and exploring historical and philosophical aspects of sculpture in conjunction with practical projects and experience. Emphasis on developing understanding of sculptural problems. (2)

*Transfer credit: UC, CSU***ART R156B—Intermediate Sculpture II****3 units***Prerequisites: ART R156A.**1½ hours lecture, 4½ hours lab weekly*

Intermediate studio course in fundamentals of sculpture and exploring historical and philosophical aspects of sculpture in conjunction with practical projects and experience. Emphasis on developing understanding of sculptural problems. (2)

*Transfer credit: UC, CSU***ART R157A—Beginning Ceramic Sculpture****3 units***1½ hours lecture, 4½ hours lab weekly*

Studio course in fundamentals of sculpture with accent on practical projects and experience in developing abstract and figurative forms in clay. Course may be taken two times. (2)

*Transfer credit: UC, CSU***ART R157B—Intermediate Ceramic Sculpture****3 units***Prerequisites: ART R157A.**1½ hours lecture, 4½ hours lab weekly*

Intermediate studio course in fundamentals of sculpture and exposing historical and philosophical aspects of sculpture in conjunction with practical projects in clay. Course may be taken two times. (2)

*Transfer credit: UC, CSU***ART R189—Topics in Art****½-3 units***Lecture and/or lab as required by unit formula*

Courses considering specialized, specific topics in Art which are not covered in the general Art offerings. Course may be taken two times.

*Transfer credit: UC, CSU***ART R189A—The Art of Mexico****3 units***3 hours lecture weekly*

Historical survey of the Art of Mexico from Pre-Colombian to the present. (2)

Transfer credit: UC, CSU

ART R198—Short Courses in Art $\frac{1}{2}$ -10 units*Lecture and/or lab hours as required by unit formula*

Courses and/or workshops in selected areas of Art to meet specific needs of college or community as requested or required. Field trips may be required. May be repeated for a maximum of 10 units. (2)

*Transfer credit: UC, CSU***ART R199—Directed Studies in Art** 1-3 units*Prerequisites: A course in the specific field.**Lecture and/or lab hours as required by unit formula*

Designed for students interested in furthering their knowledge of art on an independent study basis. Assigned problems will involve library and field work. Course may be taken two times. (2)

Transfer credit: UC, CSU

ASIAN-AMERICAN STUDIES

Faculty**Full-Time**

Scott Corbett

Asian-American Studies Courses**AAS R101—Introduction to Asian-American Studies**

3 units

3 hours lecture weekly

An introductory course designed to engage students in learning about the historical, economic, political and cultural experiences and transformations experienced and managed by Asian immigrants to the United States and Asian-Americans. Students will look at the experiences of different root groups and societies contributing to the Asian-American community and will examine those experiences using a variety of materials, disciplinary techniques and analytical tools representing different disciplines within the Social Sciences including Anthropology, Sociology, Economics, History and Political Science. (2)

Transfer credit: UC, CSU

ASTRONOMY

Career Opportunities

(Post bachelors degree necessary)

Astronomer

Astrophysicist

Faculty**Part-Time**

Gary Goodman

Astronomy Courses**AST R101—Introduction to Astronomy**
(Catalog Revision)*

3 units

3 hours lecture weekly

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

system, stars, galaxies, pulsars, and black holes. The scientific method is defined and expounded. Attendance at a dark site field trip is optional. (2)

*Transfer credit: UC, CSU***AST R101L—Astronomy Laboratory**

1 unit

*Prerequisites: AST R101 or concurrent enrollment.**3 hours lab weekly*

This laboratory reinforces principles learned in AST R101. Students obtain hands-on experience with telescopes, star charts and other devices used in astronomy. Observations are made of the moon, planets and stars. (2)

*Transfer credit: UC, CSU***AST R198—Short Courses in Astronomy** $\frac{1}{2}$ -10 units*Lecture and/or lab hours as required by unit formula*

Workshops in selected areas of Astronomy to meet specific needs of community or college as required or requested by persons whose needs are not met by regular college offerings.

*Transfer credit: UC, CSU***AST R199—Directed Studies in Astronomy**

1-3 units

*Prerequisites: AST R101.**Advisory: AST R101L.**Lecture and/or lab hours as required by unit formula*

Designed for selected students interested in furthering their knowledge of astronomy on an individual studies basis. Field trips may be required. Course may be taken two times. (2)

Transfer credit: UC, CSU

AUTOMOTIVE

The automotive industry is a continually changing and growing field which offers many employment opportunities.

Career Opportunities

Body and Fender Repair Trainee

Sales

Metalman; Frame-Specialist

Repair Estimator

Engine Repair Technician

Tune-Up Technician

Service and Parts Management

Diesel Mechanics Technician

Wheel Alignment and Brake Technician

Faculty**Full-Time**

Frank Castro

Jose Ortega

Joel Rapose

Part-Time

James Gorenflo

George Magana

Juan Perez

Mike Stubblefield

Ernie Villa

Counselor

Daniel Goicoechea

◆ Automotive Body and Fender Repair

Associate in Science Degree**Certificate of Achievement****Required Courses:****Units**

AB R001

Auto Body/Fender Repair I

4

AB R002

Auto Body/Fender Repair II

4

AB R003

Estimating Damage/Repair

4

AB R004

Collision Damage/Repair

4

AB R005A

Painting/Refinishing I

2

AB R005B

Painting/Refinishing II

4

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*Course listings followed by an asterisk are revised course offerings and differ in one or more ways from the previously offered course of the same number, i.e. different unit value, pre or corequisite added or dropped, lab added or dropped, etc. Please see the 1999-2000 College Catalog for comparison.

Required Additional Courses:		Units
Complete a minimum of two units from the following:		
AB R007A	Automotive Graphics	2
AT R010	Fundamentals of Auto Technology	3
AT R015	Automotive Electrical Systems	4
AT R020	ASE Mechanics Certification	3
BUS R030	Business Mathematics	3
BUS R111A	Business Law I	3
		2-4
Total Required Units		24-26

Automotive Body Repair and Paint Courses

AB R001—Auto Body/Fender Repair I 4 units

2 hours lecture, 6 hours lab weekly

Fundamentals of auto body repair, including arc and oxyacetylene welding, roughing-out and metal finishing, use of body fillers, sanding, masking, and priming. Course may be taken two times. (2)

AB R002—Auto Body/Fender Repair II 4 units

Prerequisites: AB R001.

2 hours lecture, 6 hours lab weekly

This course provides training in special problems in repair of automobiles using advanced techniques with materials such as steel, aluminum, and plastic. Special painting methods are taught. Course may be taken two times. (2)

AB R003—Estimating Damage/Repair 4 units

Prerequisites: AB R001 and AB R002 or equivalent.

2 hours lecture, 6 hours lab weekly

Advanced course in techniques of estimating and repair of heavy auto body and chassis damage; emphasis upon business management techniques as applied to estimating repairs. Course may be taken two times. (2)

AB R004—Collision/Damage Repair 4 units

Prerequisites: AB R001 and AB R002 or equivalent.

2 hours lecture, 6 hours lab weekly

Advanced course in techniques of estimating and repair of heavy damage to auto body and chassis; emphasis on automobile frame, sectioning, straightening, and advanced welding. Student auto body projects in the scope of complete automotive wrecks. (2)

AB R005A—Painting/Refinishing I 2 units

1 hour lecture, 3 hours lab weekly

This course is designed to prepare students for entry-level positions in the automotive refinishing industry by providing training in painting and refinishing fundamentals. Topics to be covered include a history of the industry, shop safety, shop equipment and layout, required tools and materials, and surface preparation techniques. Course may be taken three times. (2)

AB R005B—Painting/Refinishing II 4 units

Prerequisites: AB R001 or AB R005A or concurrent enrollment.

2 hours lecture, 6 hours lab weekly

This course continues training in automotive painting and refinishing. Topics to be covered include application of undercoats and top coats, spot repair procedures, paint job procedures, paint problems, and procedures for securing employment in the field. Course may be taken two times. (2)

AB R007A—Automotive Graphics 2 units

1 hour lecture, 3 hours lab weekly

A comprehensive overview of automotive graphics including preparation and layout of pinstriping, touch-up, lettering and murals. Course also includes automotive graphics for commercial trucks and boats.

AB R007B—Advanced Automotive Graphics 2 units

Prerequisites: AB R007A.

1 hour lecture, 3 hours lab weekly

This course provides instruction in advanced levels of automotive graphic design including color selection and mixing, customized murals, advanced commercial lettering applications,

advanced outlines and shadowing, and customized quilts and applications. Field trips may be required. Materials fee is required. Course may be taken two times. (2)

AB R098—Short Courses in Auto Body ½-10 units

Lecture and/or lab hours as required by unit formula

Specialized topics designed to inform or update interested persons in the various disciplines within the auto body repair industry. (2)

◆ Automotive Technology

Associate in Science Degree

Certificate of Achievement

Required Courses:		Units
AT R004	Automotive Emission Control	3
AT R010	Fundamentals of Auto Technology	3
AT R013	Engine Performance	4
AT R013L	Engine Performance Lab	2
AT R015	Automotive Electrical Systems	4
AT R015L	Automotive Electrical Systems Lab	2
AT R016	Auto Electronics	3
AT R018	Automotive Brake Systems	4
AT R018L	Automotive Brake Systems Lab	2
AT R019	Steering & Suspension	2
AT R019L	Steering & Suspension Lab	2
AT R023	Fuel Systems	2
AT R023L	Fuel Systems Lab	2

Total Core Requirements 35

Complete a minimum of five units from the following:

AT R002	Starting & Charging Systems	2
AT R002L	Starting & Charging Systems Lab	1
AT R005	Computer Diagnostic Systems	4
AT R017	Automotive Wheel Alignment	2
AT R017L	Automotive Wheel Alignment Lab	2
AT R021	Bureau of Automotive Repair	4
AT R026	Automotive Engine Overhaul	4
AT R026L	Automotive Engine Overhaul Lab	2
AT R027	Cylinder Block Service	2
AT R027L	Cylinder Block Service Lab	2
AT R028	Cylinder Head Service	2
AT R028L	Cylinder Head Service Lab	2

Total Required Units 40

Automotive Technology Courses

AT R001—Automotive Technology 15 units

12 hours lecture, 9 hours lab weekly

An entry level cluster class designed to direct students into a curriculum pattern within the overall automotive program. Students will select the appropriate classes after consultation with faculty and counseling personnel. Students do not receive credit for AT R001, but will be placed in classes totaling 15 units. Course may be taken two times.

AT R002—Starting & Charging Systems 2 units

Advisory: AT R010.

Corequisites: AT R002L.

2 hours lecture weekly

Study of the automotive starting and charging systems beginning with electricity and magnetism and progressing to testing procedures and equipment used to troubleshoot and diagnose problems within systems. Preparation for the ASE certification test included.

AT R002L—Starting & Charging Systems Lab 1 unit

Corequisites: AT R002 (first time only).

3 hours lab weekly

Course provides technical preparation in the skills required to repair and maintain the starting and charging of electrical systems in modern vehicles and electrical service procedures for the overhaul of starters and alternators. Preparation for the ASE certification test included. Course may be taken two times.

- AT R003A—Using Technical Manuals** 3 units
3 hours lecture weekly
Course focuses on the modern automobile equipped with on-board computers which control numerous systems. Manual topics cover testing, repair sequences, and adjustment of these systems. Manual information will be presented in the traditional printed form and the more current floppy disk form. (2)
- AT R004—Automotive Emission Control** 3 units
3 hours lecture weekly
Course covers a brief history of air pollution, automotive emission control laws, and control systems such as crank case, exhaust, evaporative loss, Nox, and retro-fit devices; also use of infrared and other test equipment and preparation for State Emission Control Installer License.
- AT R010—Fundamentals of Auto Technology** 3 units
3 hours lecture weekly
Comprehensive overview of the automobile, including the systems, basic operating principles, and repair procedures. Systems included are ignition, charging, cranking, cooling, fuel, lubricating, brakes, and front end. Field trips may be required.
- AT R012—Automotive Air Conditioning** 2 units
Advisory: AT R010.
1 hour lecture, 3 hours lab weekly
Comprehensive study of the principles of operation and theory of automotive air conditioning. Course offers a study of design features of each manufacturer to include servicing, troubleshooting, and diagnosis. Students given practical application for servicing, repair, and diagnosis.
- AT R013—Engine Performance** 4 units
Advisory: AT R010.
Corequisites: AT R013L.
4 hours lecture weekly
Detailed coverage of automotive ignition systems, course provides technical preparation in the skills required in diagnostic adjustment of conventional and electronic ignition, carburetor and fuel injection systems. Preparation for ASE certification test included.
- AT R013L—Engine Performance Lab** 2 units
Corequisites: AT R013 (first time only).
1 hour lecture, 3 hours lab weekly
Course provides technical preparation in skills required in the diagnostic maintenance and repair of standard and electronic ignition systems used in modern automobiles. Computerized test equipment will be used in testing systems. Preparation for the ASE certification test included. Course may be taken two times.
- AT R014—Advanced Engine Performance** 4 units
Prerequisites: AT R013.
4 hours lecture weekly
Course provides technical preparation in the skills required to diagnose computerized engine control systems on modern automotive equipment. Ignition, fuel injection, and ABS brake systems are covered. Preparation for the ASE certification test included. Field trips may be required.
- AT R015—Automotive Electrical Systems** 4 units
Corequisites: AT R015L.
4 hours lecture weekly
Course covers all aspects of automotive electrical systems including charging, starting, ignition, accessories, and electronics. Preparation for the ASE certification test included.
- AT R015L—Automotive Electrical Systems Lab** 2 units
Corequisites: AT R015 (first time only).
1 hour lecture, 3 hours lab weekly
Course provides vocational preparation in the skill required in the diagnosis, adjustment, repair and maintenance of the electrical systems of modern automotive equipment. Course is based on electrical service procedures for the overhaul of electrical units. Preparation for the ASE certification test included. Course may be taken two times.
- AT R016—Auto Electronics** 3 units
Advisory: AT R010 or AT R013.
3 hours lecture weekly
For advanced students or mechanics in the auto service industry. Course covers various types of electronic ignition and fuel injection and other electronic devices used on late model cars.
- AT R017—Automotive Wheel Alignment** 2 units
Corequisites: AT R017L.
2 hours lecture weekly
Course provides technical preparation in the skills required to accomplish modern two- and four-wheel alignment using mechanical, as well as computerized alignment equipment. Preparation for the ASE certification test included.
- AT R017L—Automotive Wheel Alignment Lab** 2 units
Corequisites: AT R017 (first time only).
1 hour lecture, 3 hours lab weekly
Course provides technical preparation in the theory and procedures for setting wheel angles involved in alignment. Electronic wheel alignment equipment, as well as conventional equipment used in the industry today will be used. Preparation for the ASE certification test included. Course may be taken two times.
- AT R018—Automotive Brake Systems** 4 units
Corequisites: AT R018L.
4 hours lecture weekly
Course includes the study of automotive brake systems, including hydraulics and friction principles, drum, disc and antilock brake units. In addition, power assist units and computerized systems will be explored. Preparation for the ASE certification test included.
- AT R018L—Automotive Brake Systems Lab** 2 units
Corequisites: AT R018 (first time only).
1 hour lecture, 3 hours lab weekly
Course covers automotive brake system service procedures: brake drum, rotor, remachining, hydraulic system overhaul, troubleshooting, and diagnosis of all brake operations, including ABS computerized controlled system. Preparation for the ASE certification test included. Course may be taken two times.
- AT R019—Steering & Suspension** 2 units
Corequisites: AT R019L.
2 hours lecture weekly
Course provides technical preparation in the diagnosis, adjustment, replacement or repair of all types of steering and suspension systems commonly used in the automotive industry today. Preparation for the ASE certification test included.
- AT R019L—Steering & Suspension Lab** 2 units
Corequisites: AT R019 (first time only).
1 hour lecture, 3 hours lab weekly
Course provides technical preparation in the diagnosis and repair of steering and suspension systems. Wheel alignment will also be covered, along with all types of rack and pinion steering gears and four-wheel steering. Preparation for the ASE certification test included. Course may be taken two times.
- AT R020—ASE Mechanics Certification** 3 units
Advisory: Major in automotive or employment in auto trade.
3 hours lecture weekly
For employed mechanics or auto mechanics majors who are preparing to take NIASE (National Institute for Automotive Service Excellence) Mechanics Certification Test. Course covers engine repair, manual transmission and rear axle, front end, brakes, electrical systems, and engine tune-up.
- AT R021—Bureau of Automotive Repair** 4 units
Prerequisites: AT R004.
3 hours lecture, 3 hours lab weekly
For auto mechanics majors or employed mechanics who are preparing to take the State of California Smog Certification Test. Course covers fuel systems, electrical systems, tune-up and emission systems operation, and inspection. Course may be taken two times.

AT R023—Fuel Systems**2 units**

Corequisites: AT R023L.
2 hours lecture weekly

Course studies automotive fuel systems including single, multiple and variable Venturi carburetors, fuel circuits and fuel injection. Preparation for the ASE certification test included.

AT R023L—Fuel Systems Lab**2 units**

Corequisites: AT R023 (first time only).
1 hour lecture, 3 hours lab weekly

Course provides technical preparation in the skills required in the diagnosis, adjustment, repair and maintenance of conventional carburetors, mechanical and electronic fuel injection systems. Also covers computerized analyzing equipment and self-diagnostic computer system testing. Preparation for the ASE certification test included. Course may be taken two times.

AT R024—Small Engines**2 units**

1 hour lecture, 3 hours lab weekly

Basic principles of internal combustion engines with emphasis on the practical application of knowledge and developed skills to maintain and rebuild small engines. Function and repair of ignition, fuel, starting, and other systems related to small engines including valve grinding, honing of cylinder walls and ringing of pistons. Field trips may be required. Course may be taken three times.

AT R025—High Performance Engines**2 units**

2 hours lecture weekly

Course covers high performance production engines, racing engines and after-market products designed to increase drivability, reliability and power output. Turbo chargers and fuel injection devices will be covered.

AT R026—Automotive Engine Overhaul**4 units**

Corequisites: AT R026L.
4 hours lecture weekly

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

AT R026L—Automotive Engine Overhaul Lab**2 units**

Corequisites: AT R026 (first time only).
1 hour lecture, 3 hours lab weekly

Course uses class projects involving theory and operation of modern engine overhaul equipment. Students will gain experience and skills diagnosing repairs, cleaning, disassembling, repairing and restoring to service engines commonly in use today. Preparation for ASE certification test included. Course may be taken two times.

AT R027—Cylinder Block Service**2 units**

Corequisites: AT R027L.
2 hours lecture weekly

An in-depth class with major emphasis devoted to the skills and technical aspects of piston type, gasoline engine block assemblies, piston and crankshaft service. Preparation for the ASE certification test included.

AT R027L—Cylinder Block Service Lab**2 units**

Corequisites: AT R027 (first time only).
1 hour lecture, 3 hours lab weekly

Instruction will place major emphasis on skills and materials used in the rebuilding of modern engine assemblies, blocks, crankshafts, connecting rods, oiling systems, camshafts, ring and piston diagnosis, rebuilding, replacement or repair. Preparation for the ASE certification test included. Course may be taken two times.

AT R028—Cylinder Head Service**2 units**

Corequisites: AT R028L.
2 hours lecture weekly

An in-depth class with major emphasis devoted to the skills and technical aspects of automotive head and valve repair, crack detection, and valve resurfacing techniques. Preparation for the ASE certification test included.

AT R028L—Cylinder Head Service Lab**2 units**

Corequisites: AT R028 (first time only).
1 hour lecture, 3 hours lab weekly

Instruction will place major emphasis on skills and materials used in the rebuilding of modern overhead valve and overhead camshaft cylinder heads and assemblies. Preparation for the ASE certification test included. Course may be taken two times.

AT R040—Brake and Front End Mechanics**12 units**

6 hours lecture, 18 hours lab weekly

Study of automobile brake systems, including hydraulics and friction principles, drum and disc brakes, and operation of shop equipment, tools, and gauges. Prepares students for California Class C brake license test. Teaches procedures of automotive wheel alignment, wheel balancing, component repair and replacement. May be repeated for a maximum of 24 units.

AT R098—Short Courses in Automotive Mechanics**½-10 units**

Lecture and/or lab hours as required by unit formula

Specialized topics designed to inform or update interested persons in various disciplines within the auto repair industry. Length of course determines unit credit.

◆ Diesel Mechanics**Associate in Science Degree
Certificate of Achievement**

This program will prepare students for repairing and servicing all types of diesel equipment such as stationary engines, highway trucks, construction and agricultural equipment, and diesel powered automobiles. Preventative maintenance, diagnostic procedures, repair and engine overhaul are emphasized. Graduates can expect good job opportunities as entry level technicians.

Required Courses:

	Units
AT R010	Fundamentals of Auto Technology
DM R004	Engine Overhaul & Repair
DM R005	Engine Tune-Up & Troubleshooting
DM R008	Power Trains
DM R012	Introduction to Hydraulics
DM R019	Introduction to Diesel Engines
	18

Required Additional Courses:

	Units
Complete a minimum of six units from the following:	
AT R024	Small Engines
AT R015	Automotive Electrical Systems
AT R020	ASE Mechanics Certification
BUS R122	Personnel Management
DM R006	Electrical System Theory
	3

Total Required Units 24**Diesel Mechanics Courses****DM R004—Engine Overhaul & Repair****4 units**

2 hours lecture, 6 hours lab weekly

Training given in proper procedures for disassembly, inspection of parts, measurements, repairs and tests, reassembly, analysis of malfunctions, and efficiency of making repairs to diesel and gasoline engines; valve servicing repair and diesel injection system repair included. Course may be taken two times.

DM R005—Engine Tune-Up & Troubleshooting**3 units**

2½ hours lecture, 1½ hours lab weekly

Course provides training in principles and fundamentals of correct engine tune-up procedures for gasoline and diesel engines. Various adjustment and repair operations performed on diesel and gasoline engines so students gain knowledge and understanding of problems involved in tune-up and troubleshooting. Various testing equipment included to diagnose and correct problems; diesel fuel system lab experience included. Course may be taken two times.

DM R006—Electrical System Theory**3 units***3 hours lecture weekly*

A study of vehicle electrical systems. Topics covered are batteries and charging, cranking, ignition, and chassis electrical systems. Course may be taken two times.

DM R008—Power Trains**2 units***1 hour lecture, 3 hours lab weekly*

Course provides training in fundamentals and principles of power trains and components as applied to heavy vehicle repair; lab work offered in this course provides training on clutches, transmissions, drive-shafts, final drives, and axle assemblies. Course may be taken two times.

DM R012—Introduction to Hydraulics**3 units***2½ hours lecture, 1½ hours lab weekly*

Study of principles and theory of hydraulics including Pascal's Law, pressure-flow transmission, hydraulic symbols and schematics, pumps, valves, regulators, hoses, rams, and cylinders. Course may be taken two times.

DM R019—Introduction to Diesel Engines**3 units***3 hours lecture weekly*

Course designed to provide instruction on the nomenclature, relationship of parts, component systems identification, and principles of various diesel engines with relationship to gasoline engines. Also common problems of systems discussed. Course may be taken two times.

DM R020—Diesel Engines**3 units***2½ hours lecture, 1½ hours lab weekly*

Course designed to present various topics within the diesel engine repair industry, including diesel engine theory, construction features, fuel systems, engine tune-up and troubleshooting. Course may be taken two times. (2)

DM R030—Diesel Engine Mechanics**12 units***6 hours lecture, 18 hours lab weekly*

Topics covered include basic gasoline and diesel engine theory, fuel, air induction, exhaust, lubrication, cooling systems, and diagnosis and engine tune-up, including electrical system diagnosis. Course may be taken two times.

DM R031—Diesel Equipment Mechanics**12 units***6 hours lecture, 18 hours lab weekly*

Topics covered include power train theory, clutches, transmissions, final drives, basic hydraulics, and power assist system repair. Course may be taken two times.

DM R098—Short Courses in Diesel Mechanics**½-10 units***Lecture and/or lab hours as required by unit formula*

Specialized topics designed to inform or update interested persons in various disciplines within the diesel repair industry. Length of course determines unit credit. Course may be taken four times.

BIOLOGICAL SCIENCES

Career Opportunities

(Most careers require a bachelor and advanced degree)

Biological Technician	Public Health Biologist
Health Technician	Laboratory Technician
Clinical Lab Technologist	Research Technician

Faculty

Full-Time

Lorraine Buckley

Louise Zitnik

Part-Time

Michael Abram

Cori Newton

Amy Foote

Michael Nicholson

Joe Frantz

Jan Schienle

Kimberly Jesu

Neil Ziegler

◆ Biology

Associate in Arts Degree

Core Courses:

		Units
BIOL R120	Principles of Biology I	4
BIOL R120L	Principles of Biology I Lab	1
BIOL R122	Principles of Biology II	4
BIOL R122L	Principles of Biology II Lab	1
BIOL R199	Directed Studies in Biology	2

Required Units from Core Courses 12**Elective Courses:****Units**

Students must select at least 15 units from Group A and at least 13 units from Group B.

Group A:

CHEM R120	General Chemistry I	5
CHEM R122	General Chemistry II	5
CHEM R130	Organic Chemistry I	5
MATH R105	Introductory Statistics	4
MATH R120	Calculus with Analytic Geometry I	5
MATH R121	Calculus with Analytic Geometry II	5
PHYS R131	Mechanics of Solids and Fluids	5
PHYS R132	Electricity and Magnetism	5

Group B:

BIOL R130	Biochemistry	3
BIOL R135	Molecular Biology	3
BIOL R135L	Molecular Biology Laboratory	2
BIOL R140L	Tissue Culture Laboratory	3
BIOL R145L	Applied Microbiology Laboratory	3
BIOL R150L	Biotechnology Laboratory	3

BIOL R170	Biological Marine Resource Management	1
MICR R100	Principles of Microbiology	3
MICR R100L	Principles of Microbiology Lab	2
PHSO R100	Human Physiology	3
PHSO R100L	Human Physiology Lab	2

Required Units from Elective Groups A & B 28**Total Required Units 40**

Anatomy Courses

ANAT R100—General Human Anatomy 2 units*Prerequisites: BIOL R101 or college-level equivalent.**2 hours lecture weekly*

Study of the gross and microscopic anatomy of organ systems based on laboratory dissection of the cat and demonstration of the dissected human cadaver. Prepared slides, models, charts, and other classroom aids are used.

*Transfer credit: UC, CSU (CAN: BIOL 10)***ANAT R100L—General Human Anatomy Laboratory 2 units***Prerequisites: BIOL R101 or college-level equivalent.**Corequisites: ANAT R100.**6 hours lab weekly*

Gross and microscopic organ systems based on laboratory dissection of the cat and demonstration of the dissected human cadaver. Prepared slides, models, charts, and other classroom aids are used.

Transfer credit: UC, CSU (CAN: BIOL 10)

Biology Courses

BIOL R098—Short Courses in Biology ½-10 units*Lecture and/or lab hours as required by unit formula*

Specialized topics designed to inform or update interested persons in the various disciplines within the Biological Sciences.

BIOL R101—General Biology**3 units***3 hours lecture weekly*

Lectures present the principles governing the chemistry and cellular basis of life. Topics also include cellular, metabolism, nutrition, reproduction, mutation and evolution.

*Transfer credit: UC, CSU***BIOL R101L—General Biology Laboratory****1 unit***Prerequisites: BIOL R101 or concurrent enrollment.**3 hours lab weekly*

Laboratory exercises deal with the scientific method, biological, chemical, microscopy, cellular organization, cellular energy transformation, molecular genetics and evolution.

*Transfer credit: UC, CSU***BIOL R106—The Human Environment****3 units***3 hours lecture weekly*

Study of biotic principles which form the basis for understanding the relationship of human beings and their environment; includes human ecology, population and pollution problems, human genetics, biology of race, and human evolution and behavior. (2)

*Transfer credit: UC, CSU***BIOL R106L—Human Environment Laboratory****1 unit***Prerequisites: BIOL R106 or concurrent enrollment.**3 hours lab weekly*

Laboratory studies of basic ecological principles and environmental problems. Topics include soil, water, and air analysis, population dynamics, health effects of pollution and conservation of resources. (2)

*Transfer credit: UC, CSU***BIOL R116—Marine Biology****3 units***3 hours lecture weekly*

Survey of biological activities of marine organisms, including an introduction to physical oceanography, ecology, and energy flow within the marine environment, and some basic biological concepts using marine eco-systems as examples. Use of scientific inquiry and experimental design will be emphasized. Pollution and conservation of marine environment will also be considered. Optional weekend field trips may be scheduled. (Same as MST R116) (2)

*Transfer credit: UC, CSU***BIOL R116L—Marine Biology Laboratory****1 unit***Prerequisites: BIOL R116 or concurrent enrollment.**3 hours lab weekly*

Experimental studies of marine organisms and their environment in the laboratory and field. Field trips and boat fees may be required. (Same as MST R116L) (2)

*Transfer credit: UC, CSU***BIOL R120—Principles of Biology I****4 units***Prerequisites: CHEM R120 or equivalent.**4 hours lecture weekly*

Introduction to principles of molecular and cellular biology and diversity of organisms. Designed for biological science and professional majors.

*Transfer credit: UC, CSU (CAN: BIOL 2)***BIOL R120L—Principles of Biology I Laboratory****1 unit***Prerequisites: BIOL R120 or concurrent enrollment.**3 hours lab weekly*

Introductory laboratory exercises in molecular and cellular biology. Designed for biological science and professional majors.

*Transfer credit: UC, CSU (CAN: BIOL 2)***BIOL R122—Principles of Biology II****4 units***Prerequisites: BIOL R120 and BIOL R120L or equivalent.**4 hours lecture weekly*

Designed to complete the study of basic principles of biology for biological science majors. Topics include the diversity and evolutionary relationships of the major plant divisions and animal

phyla. Emphasis is placed on the development, structure and functions of vertebrate organ systems. Ecosystem structure and population ecology are presented. Field trips may be required.

*Transfer credit: UC, CSU***BIOL R122L—Principles of Biology II Laboratory****1 unit***Prerequisites: BIOL R120 and BIOL R120L or equivalent; BIOL R122 or concurrent enrollment.**3 hours lab weekly*

Designed to complete the study of basic principles of biology laboratory for biological science majors. Topics include the diversity and evolutionary relationships of the fungi, major plant divisions, and animal phyla. Dissections of representative organisms are required. Emphasis is placed on the development, structure and functions of vertebrate organ systems. Ecosystem structure and population ecology are presented. Field trips may be required.

*Transfer credit: UC, CSU***BIOL R130—Biochemistry****3 units***Prerequisites: CHEM R130 or equivalent.**3 hours lecture weekly*

Lower division biochemistry. An introduction to biochemicals, biochemical design, cellular metabolism, and the regulation of that metabolism.

*Transfer credit: UC, CSU***BIOL R135—Molecular Biology****3 units***Prerequisites: BIOL R130 or concurrent enrollment.**3 hours lecture weekly*

Basic molecular biological properties of proteins and nucleic acids.

*Transfer credit: UC, CSU***BIOL R135L—Molecular Biology Laboratory****2 units***Prerequisites: BIOL R135 or concurrent enrollment.**6 hours lab weekly*

Basic molecular biological techniques as applied to the manipulation of proteins and nucleic acids.

*Transfer credit: UC, CSU***BIOL R140L—Tissue Culture Laboratory****3 units***Prerequisites: BIOL R120L.**1 hour lecture, 6 hours lab weekly*

A presentation of the basic laboratory techniques employed for plant and animal tissue, organ culture preparation, propagation, and storage. The principles of plant and animal virus cultivation and quantitation will also be investigated.

*Transfer credit: CSU***BIOL R145L—Applied Microbiology Laboratory****3 units***Prerequisites: MICR R100L.**1 hour lecture, 6 hours lab weekly*

Presentation of organic chemical and immunologic techniques as they apply to the discipline of microbiology. Emphasis will be placed on microbial ecology, clinical bacteriology, industrial fermentation, and bio-remediation.

*Transfer credit: CSU***BIOL R150L—Biotechnology Laboratory****3 units***Prerequisites: BIOL R135L.**1 hour lecture, 6 hours lab weekly*

Application of molecular biological techniques for the biotechnology laboratory. Presentation of skills and methodologies required to set up and operate commercial biotechnology facility.

*Transfer credit: CSU***BIOL R170—Biological Marine Resource Management****1 unit***Corequisites: GEOL R178.**3 hours lab weekly*

Topics in marine biology related to current resource management issues in this region. Study of requirements and applications of federal, state, and local laws and regulations related to marine resource management. Application of the

scientific method to questions about marine resources. Field trips will be to natural areas where geological, biological, and oceanographic interactions can be observed. Course may be taken four times. (Same as MST 170) (2)

Transfer credit: CSU

BIOL R198—Topics in Biology **½-10 units**

Lecture and/or lab hours as required by unit formula

Designed to meet specific needs of college and community, as required and requested by persons whose needs in this area are not met by present course offerings. (2)

Transfer credit: UC, CSU

BIOL R199—Directed Studies in Biology **1-3 units**

Lecture and/or lab hours as required by unit formula

Designed for students interested in furthering their knowledge of Biology on an independent study basis. All studies will require laboratory and library research, as well as written reports. Course may be taken two times.

Transfer credit: UC, CSU

Botany Courses

BOT R100—Principles of Botany **4 units**

Prerequisites: BIOL R120.

4 hours lecture weekly

Introduction to structure, physiology and evolutionary history of the major plant divisions. Topics to include growth transport, genetics, nutrition, tropisms, reproduction, ecology, and control systems, speciation, adaptive radiation.

Transfer credit: UC, CSU

BOT R100L—Principles of Botany Laboratory **1 unit**

Prerequisites: BOT R100 or concurrent enrollment.

3 hours lab weekly

Laboratory and field studies of the characteristics and relationships of selected plants from the major divisions. Principles of taxonomy. Practice in identification of species by means of keys. Introduction to basic experimental techniques and instrumentation used in the investigation of plant physiology. Field trips will be required.

Transfer credit: UC, CSU

Microbiology Courses

MICR R100—Principles of Microbiology **3 units**

Prerequisites: BIOL R120 or successful completion of ANAT R100 and PHSO R100.

3 hours lecture weekly

Study of the distribution, structure, and metabolic activities of bacteria, fungi, algae, protozoa and viruses and physical/chemical methods in their control. Principles of disease transmission, prevention and immunity will also be presented.

Transfer credit: UC, CSU (CAN: BIOL 14)

MICR R100L—Principles of Microbiology Laboratory **2 units**

Prerequisites: MICR R100 or concurrent enrollment.

6 hours lab weekly

Laboratory methods of the isolation, cultivation and identification of common soil, water and commensal microorganisms.

Transfer credit: UC, CSU (CAN: BIOL 14)

Physiology Courses

PHSO R100—Human Physiology **3 units**

Prerequisites: CHEM R110 or college-level equivalent, ANAT R100 and ANAT R100L.

3 hours lecture weekly

Study of the underlying physiological processes involved in the functioning of the organs and systems of the human body.

Transfer credit: UC, CSU (CAN: BIOL 12)

PHSO R100L—Human Physiology Laboratory **2 units**

Prerequisites: CHEM R110 or equivalent; ANAT R100 and ANAT R100L.

Corequisites: PHSO R100 or successful completion of PHSO R100.

6 hours lab weekly

Laboratory experiments and demonstrations to illustrate basic physiological principles and techniques.

Transfer credit: UC, CSU (CAN: BIOL 12)

NOTE: The courses listed below have been temporarily suspended. For further information, please contact the Math, Science & Health division office.

- | | |
|----------|--|
| Biol 104 | Human Systems and Exercise |
| Biol 107 | Anatomy and Physiology |
| Biol 109 | Plant and Animal Communities of California |

BUSINESS

Study in business leads to a wide range of opportunities in a variety of settings including banking, entertainment, education, and government. Students will be prepared for careers in management, accounting, marketing, and supervision.

Career Opportunities

A.A./Certificate Level

Account Clerk	Accounts Payable Clerk
Accounts Receivable Clerk	Management Trainee
Assistant Manager	Sales Trainee
Sales Representative	Buyer
Finance Operations	Fashion Director
Market Research Assistant	Manufacturer Representative

B.A. Level

Cost Accountant	Assistant Controller
Controller/Treasurer	Human Resource Manager
Small Business Owner	Small Business Manager
Advertising Manager	Accountant
Manufacturers Representative	
International Business Management	
Sales Executive/Sales Management	

Faculty

Full-Time

Ed Bassey
Carmen Guerrero-Calderon
Linda Rubenstein

Counselor

Daniel Goicoechea

Part-Time

Jim Anselmino
Joe Billinger
Ed Buckle
Robert Cabral
Michelle Clisby
Patricia Greene

Kelly Honig
Stephanie House
Larry Kennedy
Sandy Iverson
Fran Sheppard

Accounting

Associate in Science Degree

Certificate of Achievement

The accounting certificate program provides an understanding of the accounting function and its application as a provider of information for the decision-making process. This program offers basic training in accounting and related fields for both students seeking employment and those already employed but needing skills improvement. Successful program completion should qualify individuals for beginning positions in accounting occupations in government and business organizations.

Required Courses:		Units
BUS R006A	Income Tax Accounting I	2
BUS R006L	Income Tax Accounting Lab	1
BUS R030	Business Mathematics	3

BUS R101A	Accounting Principles I	3
BUS R101B	Accounting Principles II	3
BUS R102	Managerial Accounting	3
BUS R111A	Business Law I	3
BUS R120	Introduction to Business	3
BUS R140	Business Communications	3
CIS R003B	Ten-Key Calculators	½
CIS R023A	EXCEL I	2
CIS R023L	Spreadsheet Lab	1

Total Required Units 27½

◆ Business

Associate in Arts Degree

For students interested in transferring to a four-year college or university as a business major to obtain a Bachelor degree.

The requirements below specifically meet Cal State Northridge requirements. For information regarding transfer to any other college or university, see your counselor.

Required Courses:		Units
BUS R101A	Accounting Principles I	3
BUS R101B	Accounting Principles II	3
BUS R111A	Business Law I	3
ECON R101	Principles of Macroeconomics	3
ECON R102	Principles of Microeconomics	3
MATH R106	Mathematics for Business Applications	5
OR		
MATH R120	Calculus with Analytic Geometry I	5

Total Required Units 20

◆ Business Management

Associate in Science Degree

Certificate of Achievement

This program will prepare students for management positions within an organization. These positions would include responsibilities for formulating and implementing policies, long-range planning, and overseeing the work of other levels within the organization.

Required Courses:		Units
BUS R101A	Accounting Principles I	3
BUS R101B	Accounting Principles II	3
BUS R111A	Business Law I	3
BUS R120	Introduction to Business	3
BUS R121	Introduction to Management	3
BUS R122	Personnel Management	3
BUS R132A	Marketing	3
BUS R140	Business Communications	3
PSY R102A	Interpersonal Relations	3
Complete one of the following courses:		
BUS R030	Business Mathematics	3
CIS R100	Introduction to Computer Information Systems	3
ECON R101	Principles of Macroeconomics	3
ECON R102	Principles of Microeconomics	3
SPCH R101	Introduction to Oral Communication	3

Total Required Units 30

◆ International Business

Associate in Arts Degree

Certificate of Achievement

This program prepares students for entry-level positions with international corporations, service organizations, and non-profit and government agencies in the United States and possibly abroad. Students who are already engaged in business careers are prepared for middle management positions in the international divisions of their companies.

Required Courses:		Units
BUS R180	Introduction to International Business	3
BUS R181A	International Marketing	3
BUS R181B	Trade Finance	3

BUS R181C	International Management	3
BUS R182	International Business Law	3
BUS R190B	Internship in Business	1-3
CIS R020B	Introduction to the Internet/WWW	1
GEOG R102	World Cultural Geography	3
Foreign Language		10

(Two classes in a foreign language are required, one of which must be an intermediate or advanced level class.)

Complete at least three units from the following "Business in International Markets" classes:

BUS R184A	Australia/New Zealand	1
BUS R184B	Central/South America	1
BUS R184C	China/Southeast Asia	1
BUS R184D	Eastern/Central Europe	1
BUS R184E	EU (European Unification)	1
BUS R184F	NAFTA Countries	1
BUS R184G	Japan	1

Total Required Units 33-35

The following classes are recommended; to determine the remainder of the GE requirements, please see a counselor.

BUS R186/	International Mass Media	3
JOUR R186		
ECON R101	Principles of Macroeconomics	3
ECON R102	Principles of Microeconomics	3
POLS R104	International Relations	3
SOC R121	Sociology: A Global Perspective	3

◆ Marketing

Associate in Science Degree

Certificate of Achievement

This continually growing field offers diverse opportunities for employment. The major will prepare students for positions as management trainee, buyer, store merchandising manager, finance operations, manufacturing representative, and fashion director.

Required Courses:		Units
BUS R101A	Accounting Principles I	3
BUS R111A	Business Law I	3
BUS R120	Introduction to Business	3
BUS R121	Introduction to Management	3
BUS R132A	Marketing	3
BUS R133/	Advertising	3
JOUR R133		
CIS R100	Introduction to Computer Information Systems	3
ECON R101	Principles of Macroeconomics	3
OR		
ECON R102	Principles of Microeconomics	3
Complete two of the following courses:		
BUS R101B	Accounting Principles II	3
BUS R122	Personnel Management	3
BUS R130	Sales Management	3
BUS R132B	General Motors Marketing Internship	3
BUS R140	Business Communications	3

Total Required Units 30

Recommended Courses for Associate Degree Electives:

PSY R101	General Psychology	3
PSY R102A	Interpersonal Relations	3

◆ Retail Management

Certificate of Achievement

Required Courses:	Units
BUS R030 Business Mathematics	3
BUS R052 Human Relations	3
BUS R062 Oral Communications	3
BUS R101A Accounting Principles I	3
BUS R121 Introduction to Management	3
BUS R132A Marketing	3
BUS R135* Retailing	3
BUS R136* Human Resource Management	3
BUS R140 Business Communications	3
CIS R020A Introduction to Microcomputers	2
Total Required Units	29

*New course being developed.

◆ Supervision

Associate in Science Degree

Certificate of Achievement

This program will prepare students for supervisory positions within an organization; these positions would include responsibilities for directing the activities of non-management employees—overseeing the efforts of those who actually perform the work and serving as a link between the workers and upper management.

Required Courses:	Units
BUS R062 Oral Communications	3
OR	
SPCH R101 Introduction to Oral Communication	3
BUS R120 Introduction to Business	3
BUS R121 Introduction to Management	3
BUS R122 Personnel Management	3
BUS R140 Business Communications	3
Complete a minimum of nine units from the following:	
BUS R030 Business Mathematics	3
BUS R059 Human Resources Development	3
BUS R060 Management Controls	3
BUS R064 Safety & Management	3
BUS R065 Disaster Planning	3
PSY R102A Interpersonal Relations	3
Total Required Units	24

Business Courses

BUS R001—Preparation for Accounting 3 units

3 hours lecture weekly

A general overview of accounting, designed to give students the background necessary to take Accounting Principles (BUS R101A). Course covers the accounting cycle, including journalizing; posting; trial balance; work sheets; adjusting and closing entries; payroll; and financial statements. (2)

BUS R003—Business Arithmetic Review 1 unit

3 hours lab weekly

This course is a review of basic arithmetic skills and fundamental operations including addition, subtraction, multiplication, and division of whole numbers, fractions, decimal fractions, and percentages using business applications in an individualized, self-paced environment. Not applicable for degree credit. Course may be taken four times. (1)

BUS R006A—Income Tax Accounting I 2 units

Corequisites: BUS R006L.

2 hours lecture weekly

This course will provide an introduction to federal income tax theory. Field trips may be required. (2)

BUS R006B—Income Tax Accounting II 2 units

Prerequisites: BUS R006A.

2 hours lecture weekly

This course will provide instruction in advanced federal income tax theory including alternative minimum tax, passive loss rules, and income from partnerships, S-corporations, and estates and trusts. This course will also introduce California tax laws. Field trips may be required. (2)

BUS R006L—Income Tax Accounting Lab 1 unit

Advisory: Previous or concurrent enrollment in BUS R006A.

3 hours lab weekly

This course provides lab work on the forms needed in preparing individual federal and California state tax returns. Field trips may be required. Course may be taken four times. (2)

BUS R020—Introduction to the Medical Office 1 unit

1 hour lecture weekly

This course will introduce students to the career of medical front office assistant. It will give a general overview of the medical office and an understanding of the medical office assistant's fundamental importance to the medical practice or institution. Field trips may be required. (2)

BUS R021—Medical Terminology 3 units

3 hours lecture weekly

This course will include instruction in spelling, definition, and pronunciation of medical terms with emphasis on Greek and Latin prefixes, suffixes, word roots, and combining word forms. (2)

BUS R023—Medical Insurance Fundamentals 3 units

2 hours lecture, 3 hours lab weekly

This course allows students to develop an understanding of the leading types of medical insurance plans with intensive instruction and drill in completing medical insurance forms including Blue Cross, Blue Shield, Worker's Compensation, State Disability, MediCal and MediCare. (2)

BUS R024—Medical Transcription 3 units

Prerequisites: BUS R021 and CIS R001B and CIS R003K (CIS R003K may be taken concurrently).

2 hours lecture, 3 hours lab weekly

This course develops skills in the keyboarding of medical reports, case histories, physical exams, discharge summaries, and chart notes. Students will also learn to prepare letters and memos that pertain to medical office/hospital activities. Transcription of dictation from cassettes to include surgical, hospital, and laboratory reports with emphasis on punctuation, grammar, and production time will also be a part of this course. Field trips may be required. (2)

BUS R028—Medical Office Assistant Procedures 3 units

Prerequisites: CIS R001B.

3 hours lecture weekly

This course provides a comprehensive coverage of front-office medical assistant procedures and skills. Students will learn the job duties and responsibilities of a medical office assistant, interpersonal communication, records management, and medical laws and ethics. Field trips may be required. (2)

BUS R029—Medical Office Internship Seminar 1 unit

(New Course-Fall 2001)

Prerequisites: CIS R001B and BUS R020.

Corequisites: BUS R029L.

1 hour lecture weekly

This course will give medical office assistant students the information and skills necessary to complete their internships in a medical office successfully. (TB test and field trips may be required). (1)

BUS R029L—Medical Office Internship
(New Course-Fall 2001)

2 units

*Corequisites: BUS R029 for first time only.
7½ hours lab weekly*

In this course medical office assistant students will be assigned to unpaid work in a medical office. They will be supervised and evaluated by the instructor and the office staff. (TB test and field trips may be required). Course may be taken two times. (1)

BUS R030—Business Mathematics

3 units

3 hours lecture weekly

Review of basic fundamentals, speed-building, and thought problems to prepare students for complex business-oriented problems. Computations include payroll taxes, discounts, and interest calculations. (2)

BUS R040—Business English

3 units

3 hours lecture weekly

Develops competency in fundamentals and mechanics of preferred Business English usage, including grammar, sentence structure, punctuation, and written expression. Provides students with background to write business letters and business reports. (2)

BUS R050—Basic Psychology for Supervisors

3 units

3 hours lecture weekly

Practical psychology course to give insight into employee and supervisory behavior; emphasis on perception, motivation, learning processes, emotions, and attitudes. (2)

BUS R051—Customer Service

3 units

3 hours lecture weekly

This course provides an overview of the concepts and skills needed for success in delivering service to customers. It emphasizes creating a climate of service excellence by developing listening, verbal and non-spoken communicative skills; encouraging loyalty; dealing with difficult customers; and recovering and retaining customers. Also included is the impact of multicultural factors in the service delivery. Field trips may be required. (2)

BUS R052—Human Relations

3 units

3 hours lecture weekly

Techniques of effectively dealing with others especially in the work situation; emphasis is on developing sensitivity toward others and in application of management principles to interpersonal relationships. Field trips may be required. (2)

BUS R059—Human Resource Development

3 units

3 hours lecture weekly

Explores supervisor's responsibility for training and developing employees; methods and techniques of developing career progression plans and programs; identification of technical and management development needs; identification of in-house and outside sources. (2)

BUS R060—Management Controls

3 units

3 hours lecture weekly

Systems approach to management; basic controls and modern control systems application and theory; some exploration of PERT and GANTT techniques and variations of these methods; relationships and interdependency of input-control-process-feedback-filters and output. (2)

BUS R062—Oral Communications

3 units

3 hours lecture weekly

This course provides an overview of the speaking skills needed in business. It offers guidelines on speaking clearly, organizing speeches and presentations, and speaking informatively and persuasively for meetings, small and large groups, and one-to-one. It will also include conflict and problem-solving methods, listening skills, and proper phone procedures and techniques. (2)

BUS R064—Safety & Management

3 units

3 hours lecture weekly

Course covers employer's rights and responsibilities under the Occupational Safety and Health Act (OSHA) of 1970 and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980. It provides systems and methods to establish a workplace safety and health program through management leadership and participation, hazard communication, individual awareness, codes and standards compliance, hazard recognition and control, accident investigation, and accident cost analysis. (2)

BUS R065—Disaster Planning

3 units

3 hours lecture weekly

Course goes beyond the employer's responsibilities under the Occupational Safety and Health Act (OSHA) of 1970 to provide a "safe and healthful place of employment." It provides a systematic method to establish an action plan by which business can eliminate or minimize damage and disruption resulting from unplanned business interruptions, such as fire, earthquake, flood and other weather-related phenomena, hazardous materials discharge, negative public perceptions, accident and health related emergencies, post-event restart and required reporting. (2)

BUS R098—Short Courses in Business

½-10 units

Lecture and/or lab hours as required by unit formula

Specialized topics designed to inform or update interested persons in various disciplines within the field of business and information systems. Unit credit determined by length of course.

BUS R101A—Accounting Principles I

3 units

Advisory: BUS R001.

3 hours lecture weekly

Basic principles of accounting as a foundation for advanced study, and as a vocational skill: accounting cycle, vouchers system; problems involved in accounting for notes, expenses, assets, payroll, and for sole proprietorship, partnership, corporation, or manufacturing enterprises.

Transfer credit: UC, CSU (CAN: BUS 2)

BUS R101B—Accounting Principles II

3 units

Prerequisites: Grade of C or better in BUS R101A.

3 hours lecture weekly

Continues and concludes introductory phase of accounting; surveys accounting problems and procedures unique to partnerships and corporations; includes sections on managerial financial analysis for decision-making in business and the Federal Income Tax.

Transfer credit: UC, CSU (CAN: BUS 4)

BUS R102—Managerial Accounting

3 units

Prerequisites: BUS R101A.

3 hours lecture weekly

Course emphasizes how accounting data can be interpreted and used by management in planning and controlling business activities of the firm; use of accounting data by investors is discussed wherever appropriate.

Transfer credit: CSU

BUS R110—Introduction to the American Legal System

3 units

3 hours lecture weekly

This course is a survey of the history, development, and structure of the American legal system as it relates to business. Emphasis is on legal vocabulary, sources of law, structure of state and federal government and court systems, litigation processes, and alternative dispute resolution. Substantive areas of law and practice of law will also be covered. Field trips may be required.

Transfer credit: CSU

BUS R111A—Business Law I**3 units***3 hours lecture weekly*

Includes a general review of law and society and specifically stresses the law of contracts, personal property and bailments, consumer protection, real property, and estates and wills.

Transfer credit: UC, CSU (CAN: BUS 8)

BUS R120—Introduction to Business**3 units***3 hours lecture weekly*

This course examines important concepts of business including investments, management, marketing, finance, information technology, and laws affecting proprietorships, partnerships, and corporations, plus basic economic principles. Field trips may be required. This course may be offered as a TV or Internet course. (2)

Transfer credit: UC, CSU

BUS R121—Introduction to Management**3 units***3 hours lecture weekly*

Basic functions of a business organization and middle management's responsibilities in planning, organizing, directing, controlling, coordinating, and executing the organization's objectives. Field trips may be required. (2)

Transfer credit: UC, CSU

BUS R122—Personnel Management**3 units***3 hours lecture weekly*

Study of employer-employee relationships, recruiting, resumes, selection, training, development, morale, wage and salary administration, fringe benefits, EEO, and affirmative action.

Transfer credit: CSU

BUS R125—Financial Planning & Management**3 units***3 hours lecture weekly*

This course studies spending, borrowing, and investment practices of individuals to develop financial management tools and strategies. The course introduces the concepts, tools, and applications of individual finance and investments. The process of financial planning logic and underlying fundamentals that drive financial planning will be discussed. Other topics include credit, interest rates, time value of money, various forms of investments, taxes, insurance and estate planning. The use of various financial computer applications, as well as the use of the Internet, is explored.

Transfer credit: CSU

BUS R130—Sales Management**3 units***3 hours lecture weekly*

The course provides an overview of the principles of wholesale and specialty selling, with emphasis on the techniques of selling. Areas emphasized are sales personality, sales planning, securing prospects, counseling buyers, handling objections, and learning public relations.

Transfer credit: CSU

BUS R132A—Marketing**3 units***3 hours lecture weekly*

Marketing from the viewpoint of the manager. The course includes discussion on the aspects of research, product development, promotion, advertising, channels of distribution, and international marketing.

Transfer credit: CSU

BUS R132B—General Motors Marketing Internship (GMMI) Project**3 units***(Not offered after Summer 2001)*

Advisory: BUS R132A; CIS R023A/L; CIS R025A/L; CIS R022A/L or CIS R026B/L, or equivalent.

1 hour lecture, 6 hours lab weekly

Course is designed to provide a practical "hands-on" approach to introduce students to the area of marketing promotions. Considerable attention is given to marketing communications and theory and to specific types of marketing promotional tools, such as customer surveys and analysis, advertising, direct marketing,

sales promotions and public relations. The class will participate in the General Motors Marketing Internship (GMMI) project. The GMMI project will provide students with the opportunity to apply the concepts and theories learned to a "real-life" marketing experience. The students will form a marketing agency, and in conjunction with a local GM dealership as a client, will research, design, present and execute a comprehensive communication campaign for the client. Post event research will be conducted to gauge the promotion's effectiveness. Materials fee may be required. (2)

Transfer credit: CSU

BUS R133—Advertising**3 units***3 hours lecture weekly*

Practical application of principles of advertising for large and small businesses; includes advertising theory, layout production, printing, and production processes. (Same as JOUR R133)

Transfer credit: CSU

BUS R140—Business Communications**3 units***Prerequisites: BUS R040.**3 hours lecture weekly*

Principles and techniques in written and oral communications, including business correspondence, report writing, listening, office automation, employment communications, etc.

Transfer credit: CSU

BUS R141—Introduction to Public Relations**3 units***3 hours lecture weekly*

Introductory analysis and practical exploration of fundamental tools available to the public relations specialist: press releases, feature stories, broadcast media, institutional publications. An introduction to promotional staging, the slide show, and the five primary steps in the public relations process. (Same as JOUR R141)

Transfer credit: CSU

BUS R142—Public Relations Strategies**3 units***3 hours lecture weekly*

Appraisal of essential processes involved in the public relations activity with concentration on aspects of promotion and staging, problem solving, and the role of public relations vis-a-vis various target audiences, including customers, management, employee relations, stockholders. Guest speakers, as appropriate. (Same as JOUR R142)

Transfer Credit: CSU

INTERNATIONAL BUSINESS**BUS R180—Introduction to International Business****3 units***3 hours lecture weekly*

A comprehensive overview of international business designed to provide a global perspective on international trade, including foreign investments, impact of financial markets, international marketing, and the operation of multinational companies. (2)

Transfer credit: CSU

BUS R181A—International Marketing**3 units***3 hours lecture weekly*

Course presents the problems of marketing in the international marketplace and how marketers approach and solve them. Focuses on concepts and principles by teaching the theory and practice of international marketing through the use of realistic examples and actual case studies of international marketing organizations, both U.S. and foreign. Studies include international marketing position of the U.S., market entry strategies, analysis of foreign markets, culture and marketing, product design, pricing, distribution, promotion, and sales. (2)

Transfer credit: CSU

BUS R181B—Trade Finance 3 units
3 hours lecture weekly
 The study of the origins of international trade organizations, sources and types of finance including trade finance support role of commercial banks, modifying trade risks and tax savings. (2)
Transfer credit: CSU

BUS R181C—International Management 3 units
3 hours lecture weekly
 An introduction to international management principles with an overview of exporting companies, multinational, and global organizations, international law, international human resource problems, operational issues, marketing decisions, strategic planning and competitiveness, and cross-cultural problems. (2)
Transfer credit: CSU

BUS R181D—Basics of Exporting 1 unit
3 hours lecture weekly for 6 weeks
 Marketing, organization, regulation, terms of access, documentation, shipment and financing involved with international movement of merchandise; trade patterns by countries and commodities. This course covers the different aspects of exporting and affords the student a working knowledge of the various terms and techniques essential to exporting. (1)
Transfer credit: CSU

BUS R181E—International Purchasing 1 unit
3 hours lecture weekly for 6 weeks
 An introduction to the rules and regulations involved and difficulties encountered when purchasing from foreign sources. Involves study of cultural, legal, and economic factors.
Transfer credit: CSU

BUS R182—International Business Law 3 units
3 hours lecture weekly
 Introduction to the legal aspects and ramifications of international trade topics including multinational enterprises, sovereignty, technology, transfer, arbitration, negotiation, and diplomacy. (2)
Transfer credit: CSU

BUS R183E—Export Marketing Case Studies 1 unit
3 hours lecture weekly for 6 weeks
 Individual case studies of actual companies performing export business. These case studies will contain a detailed analysis of Ventura County, United States, foreign and transnational companies. Students will learn through the analysis of companies' problem areas and solutions based upon actual business conducted.
Transfer credit: CSU

BUS R183G—World Transportation 1 unit
3 hours lecture weekly for 6 weeks
 An introduction to international transportation options in export and import operations, including transportation terminology, air and surface shipping modes, and laws and regulations governing international shipment of goods. (2)
Transfer credit: CSU

BUS R183H—International Distribution 1 unit
3 hours lecture weekly for 6 weeks
 An introduction to international distribution options in export and import operations, including freight forwarders and distributors in competitive markets. Specialized services in various world markets will be explored. (2)
Transfer credit: CSU

BUS R184A—Business in International Markets: Australia/New Zealand 1 unit
3 hours lecture weekly for 6 weeks
 Overview of the Australian and New Zealand business environments. Topics include trends in labor unions, management, and government policies, as well as current political, economic and cultural issues. (2)
Transfer credit: CSU

BUS R184B—Business in International Markets: Central/South America 1 unit
3 hours lecture weekly for 6 weeks
 Introductory strategies on trading with Latin America. Included is a discussion of nontraditional exports and solutions for low-volume production in new areas of manufacturing, such as direct investment, co-ventures, and involvement of small to medium U.S. enterprises. (2)
Transfer credit: CSU

BUS R184C—Business in International Markets: China/Southeast Asia 1 unit
3 hours lecture weekly for 6 weeks
 An overview of the basic steps required to initiate business with China and Southeast Asia. Special attention will be given to the process necessary to set up initial contacts in China and Southeast Asia. (2)
Transfer credit: CSU

BUS R184D—Business in International Markets: Eastern/Central Europe 1 unit
3 hours lecture weekly for 6 weeks
 A study of the geography, history, culture, and political and economic systems of Eastern and Central Europe, focusing on changes since 1989-90. (2)
Transfer credit: CSU

BUS R184E—Business in International Markets: EU (European Unification) 1 unit
3 hours lecture weekly for 6 weeks
 A study of the geography, history, culture, and political and economic systems of Europe, focusing on changes since the economic integration program of 1992. (2)
Transfer credit: CSU

BUS R184F—Business in International Markets: NAFTA Countries 1 unit
3 hours lecture weekly for 6 weeks
 Introductory strategies on trading with Latin America. Included is a discussion of nontraditional exports and solutions for low volume production in new areas of manufacturing, such as direct investment, coventures, and involvement of small to medium U.S. enterprises. Also included is an overview of Canada, our largest trading partner. (2)
Transfer credit: CSU

BUS R184G—Business in International Markets: Japan 1 unit
3 hours lecture weekly for 6 weeks
 An introductory course that surveys the impact of Japanese culture on business practices. Practical guidelines are provided to help potential exporters and investors assess the Japanese market. Cultural differences that affect business negotiations and relationships are highlighted. (2)
Transfer credit: CSU

BUS R186—International Mass Media 3 units
3 hours lecture weekly
 Course examines both global and national media and evaluates such issues as government regulation, advocacy, and the impact of technology. The course also explores differences of print, broadcast, and other media around the world. (Same as JOUR R186)
Transfer credit: CSU

BUS R189A-Z—Topics in Business ½-3 units
Lecture and/or lab hours as required by unit formula
 Specialized topics designed to inform or update interested persons in various disciplines within the field of business. Unit credit determined by length of course.
Transfer credit: CSU

BUS R190A—Internship in Public Relations**3 units***Prerequisites: JOUR R100, R101, R102, R141, R142.**9 hours lab weekly*

Actual field work as an intern in a professional setting under the supervision of a trained public relations expert, as well as the instructor. Students will receive on-the-job exposure to all aspects of public relations, especially those studied in BUS R142/JOUR R142. (Same as JOUR R190)

*Transfer credit: CSU***BUS R190B—Internship in Business****1-3 units***Prerequisites: BUS R120.**3 to 9 hours lab weekly*

Students will receive hands-on experience in business to enhance their opportunity for success by bridging the gap between educational theory and on-the-job practice. May be repeated for a maximum of 6 units.

*Transfer credit: CSU***BUS R198—Short Courses in Business****¼-10 units***Lecture and/or lab hours as required by unit formula*

Workshops in selected areas of business and information systems to meet specific needs of college or community as required or requested by persons whose needs are not met by regular course offerings.

*Transfer credit: CSU***BUS R199—Directed Studies in Business****1-3 units***Prerequisites: Completion of 12 units in Business.**Lecture and/or lab hours as required by unit formula*

Designed for students interested in furthering their knowledge of business on an independent study basis. Course may be taken two times.

Transfer credit: CSU

NOTE: The courses listed below have been temporarily suspended. For further information, please contact the Business/Technology division office.

BUS R066 Hazardous Materials Regulations

BUS R067 Industrial Hygiene

BUSINESS INFORMATION SYSTEMS

See courses in Computer Information Systems

CHEMISTRY

Career Opportunities**B.S. Level**

(Most careers require bachelors or graduate degree)

Chemist	Chemical Analyst
Laboratory Technician	Research Assistant
Research Scientist	Biochemist

Faculty**Full-Time**

LuAnne Crockett

Yong C. Ma

Part-TimeJay Crane
Joe EscobarScarlet Relle
Gregory Smith**Chemistry Courses****CHEM R100—Chemistry and Environment****4 units***4 hours lecture weekly*

A college-level one-semester course in chemistry for non-science majors. This is an introductory course into fundamental chemical principles and the relationship these principles have on society and the environment. The impact of chemistry on technology, society, and the individual will be discussed. Topics include: scientific method, atomic and kinetic-molecular theories, states of matter, measurements, electronic structure, bonding periodicity, nomenclature, chemical reactions, energy production, thermodynamics, ionic equilibrium, pH, kinetics, as well as structures, classifications, and reactions of organic/bio-organic materials. Field trips may be required. (2)

*Transfer credit: UC, CSU***CHEM R100L—Chemistry and Environment Lab****1 unit***Prerequisites: CHEM R100 or concurrent enrollment.**3 hours lab weekly.*

A laboratory course designed to complement CHEM R100. Basic laboratory and analytical problem solving skills are attained through both experimentation and demonstration. Not designed for science and engineering majors. Field trips may be required. (2)

*Transfer credit: UC, CSU***CHEM R110—Elementary Chemistry****5 units***Prerequisites: MATH R011.**4 hours lecture, 3 hours lab weekly*

Introductory course in chemistry stressing basic principles of atomic and molecular structure, periodic table and states of matter, as well as quantitative techniques involved in elementary chemical calculations; some discussion of nuclear, organic, and bio-chemistry. Introduction to lab techniques with experiments illustrating principles covered in lectures. (2)

*Transfer credit: UC, CSU (CAN: CHEM 6)***CHEM R112—Elementary Organic and Biological Chemistry****5 units***Prerequisites: CHEM R110 or equivalent.**4 hours lecture, 3 hours lab weekly*

A continuation of CHEM R110 to include equilibrium, oxidation-reduction, simple electrochemistry, radioactivity. Major emphasis will be on organic chemistry. Organic emphasis to include naming, structure and bonding, classification by functional groups and reactions, polymerization, optical isomerism, physical properties based on polarity. Biochemistry may include carbohydrates, proteins and amino acids, fats, enzymes, DNA and RNA, cell biochemistry. (2)

*Transfer credit: UC, CSU***CHEM R120—General Chemistry I****5 units***Prerequisites: CHEM R110 or high school chemistry, and MATH R014.**3 hours lecture, 6 hours lab weekly*

Fundamental principles and theories of chemistry with special emphasis on calculations of solution chemistry, stoichiometry, chemical equilibrium and oxidation-reduction; includes discussion of quantum mechanical model of the atom, kinetic-molecular theory, and periodic table. Lab designed to develop quantitative relationships through experiments, and to introduce inorganic preparative procedures and computer analysis of data. (2)

*Transfer credit: UC, CSU (CAN: CHEM 2)***CHEM R122—General Chemistry II****5 units***Prerequisites: CHEM R110.**3 hours lecture, 6 hours lab weekly*

Continuation of CHEM R120 with emphasis on solution equilibria, kinetics, electrochemistry, radiochemistry, transition metal chemistry, and descriptive chemistry of the elements. Lab includes qualitative analysis, thermochemistry, and kinetic studies, and further develops inorganic preparative techniques. Computers are utilized for data acquisition and reduction. (2)

Transfer credit: UC, CSU (CAN: CHEM 4)

CHEM R130—Organic Chemistry I**5 units**

*Prerequisites: CHEM R120 and CHEM R122.
3 hours lecture, 6 hours lab weekly*

Introduction to the fundamentals of organic chemistry designed for chemistry majors, pre-professionals, and students who desire a broad background. Emphasis upon practical application of modern principles to structure, reactivity, methods of synthesis, and physical properties of organic compounds. Lab will give concrete examples of lecture materials. (2)

Transfer credit: UC, CSU

CHEM R132—Organic Chemistry II**5 units**

*Prerequisites: CHEM R130.
3 hours lecture, 6 hours lab weekly*

CHEM R132 is a continuation of CHEM R130 with introduction to macro-molecules, polymers, sugar chemistry, and biochemistry. Course will reinforce and broaden that learned in CHEM R130. Lab will give concrete examples of lecture materials. (2)

Transfer credit: UC, CSU

NOTE: The courses listed below have been temporarily suspended. For further information, please contact the Math, Science & Health division office.

CHEM 108 Elementary Organic Chemistry

CHEM 108L Organic Chemistry Laboratory

CHICANO STUDIES

Faculty**Full-Time**

Linda Chaparro
Tomas Salinas

Part-Time

Alex Escobell
George Rodriguez

Chicano Studies Courses**CHST R101—Introduction to Chicano Studies****3 units**

3 hours lecture weekly

Introductory level course designed to familiarize students with several political, economic and historical issues characterizing the Chicano experience in the United States. Course introduces students to research and publications in several related disciplines and familiarizes them with interdisciplinary aspects of Chicano Studies. Themes and methodologies from different disciplines (including anthropology, sociology, economics, history, and political science) reviewed.

Transfer credit: UC, CSU

CHST R107—History of the Mexican People in the United States**3 units**

3 hours lecture weekly

Historical survey of Mexican/Chicano from pre-Columbian period to present. Course provides background for contemporary achievements, problems, possibilities, and prospects. Emphasis on Mexican settlement of the regions and contributions of the Mexican/Chicano to development of the United States. Course satisfies degree requirements in American institutions. (Same as HIST R107) (2)

Transfer credit: UC, CSU

CHST R108—Sociology of the Chicano Community**3 units**

3 hours lecture weekly

Socio-cultural analysis of familial, political, economic, religious, and educational institutions in Chicano community; emphasis on social stratification and socialization process of community members. Specific consideration given to concept of colonialism and effect on the Chicano community. Field trips may be required. (Same as SOC R108)

Transfer credit: UC, CSU

CHST R114—Psychological Issues of the Mexican People in the Southwest**3 units**

3 hours lecture weekly

Course analyzes experiences of people of Mexican descent living in the Southwest from a psychological perspective. Examines nature of individual and group conflict, explores problems of social participation in a dominant culture and its psychological implications. Course describes emergence of distinctive identities of people of Mexican descent. (Same as PSY R114)

Transfer credit: UC, CSU

CHILD DEVELOPMENT

This program offers opportunities to learn about children and develop skills of working with them in order to become a teacher of young children. Through a combination of lecture and lab courses, students learn about growth and development of children from birth on; as well as how to plan environments and activities to meet their emotional, intellectual, physical and social needs.

Areas of speciality course work include Diversity Issues, Infant/Toddlers, Science, and Special Needs.

Career Opportunities

Teacher Aide	Family Childcare Provider
Instructional Aide	Nanny
Preschool Teacher	Program Site Supervisor
Infant/Toddler Specialist	School Age Teacher
Cruise Ship Childcare Provider	
Early Childhood Program Director	

Faculty**Full-Time**

Clara Lawson
Jeri Lupton

Patricia Mendez-Angeles
Elvia Rivero

Part-Time

Kristi Almeida-Bowin
Noreen Berrington
Jennifer Cochagne
Reyna Dominguez
Sherri Laboon
Lillian Manning

Nancy Petry
Marisa Rossetti
Betty Sahota
Bea Sandy
Cindy Sheaks-McGowan
Rosalie Wasef

◆ Child Development**Associate in Science Degree
Certificate of Achievement****Required Courses:**

		Units
CD R102	Human Development	3
CD R103	Programs for Young Children	3
CD R106	Child, Family, and Community	3
CD R111	Child Development Principles and Practicum	3
CD R112	Child Development Principles and Practicum II	3
CD R129	Child Nutrition, Health, and Safety	3
		18

Required Additional Courses:

		Units
Select a minimum of six units from the following:		
CD R131	Art in Early Childhood	3
CD R132	Science in Early Childhood	3
CD R133	Language Arts in Early Childhood	3
CD R134	Movement and Music in Early Childhood	3
		6

Total Required Units 24

Family Day Care Provider Option

This certificate is designed to provide training for those who care for children professionally in their own homes. The course requirements include courses basic to all who care for children as well as ones designed specifically for home care needs. The certificate provides options for providers working with children of various ages.

Required Courses:

	Units
CD R050 Family Day Care Today	1½
CD R053 Family Child Care for Professionals	1½
CD R102 Human Development	3
CD R106 Child, Family, and Community	3
CD R129 Child Nutrition, Health, and Safety	3
	12

Required Additional Courses:

	Units
Complete one of the following courses:	
CD R131 Art in Early Childhood	3
CD R132 Science in Early Childhood	3
CD R133 Language Arts in Early Childhood	3
CD R134 Movement and Music in Early Childhood	3
Complete one of the following courses:	
CD R108 The Exceptional Child	3
CD R113 Programs for Infants and Toddlers	3
CD R114 Programs for School-Age Children	3
Total Required Units	18

Child Development Courses

CD R010—Field Work in Child Development 1 unit

3 hours lab weekly

Course provides supervised laboratory and field experience for students interested in developing their skills of observation and working with children. Opportunities will be given for students to work with various ages of children from infants through school-age in more than one type of setting. Will meet CDA requirements for trainer assessment. Negative TB test is required. Course may be taken four times. (1)

CD R011—Field Experience in Lab Schools 3 units

Prerequisites: CD R112 or equivalent.

2 hours lecture, 3 hours lab weekly

Course covers philosophy and implementation of programming for lab schools. Curriculum planning, as well as review and evaluation of new concepts and teaching methods, is covered. In-depth coverage of specialized children's needs and community trends is included. Opportunity is given for expanded practice with children ages birth through early school age. Negative TB test is required. Course may be taken four times. Not applicable for degree credit. (2)

CD R020—Programs for Infants 1 unit

¾ hours lecture, ¼ hours lab weekly

Course covers normal development throughout infant period from birth through age one. Emphasis is on adult interaction as a medium for development, as well as play and selection of appropriate play activities. Children ages birth to one year of age may attend this class with their parents. Parents are required to provide a snack for the children according to guidelines established by instructor. Materials fee is required. Negative TB test is required for adults. Course may be taken two times. (2)

CD R021—Programs for Toddlers 1 unit

¾ hours lecture, ¼ hours lab weekly

Course covers normal development throughout the toddler period of birth to 3 years of age. Emphasis is on the importance of play as a medium of development and selection of appropriate play materials. Children in the 1 to 2½ years of age range may attend this class with their parents. Parents are required to provide a snack for children according to guidelines established by instructor. Material fee is required. Negative TB test for adults is required. Course may be taken three times. (2)

CD R039—Health and Safety Issues for Child Care Professionals ½ unit

½ hour lecture weekly

Course covers the recognition, management, and prevention of infectious diseases including immunizations. Prevention of childhood injuries will

also be covered. Materials in this class are related to family child care settings and centers. This course meets licensing requirements for all child development personnel for 7 of the 15-hour requirements. Completion of a Pediatric CPR and first aid course will meet the additional 8 hours. Course may be taken four times. (1)

CD R040—Lesson Planning with a Theme ½ unit

1 hour lecture weekly for 9 weeks

Course teaches curriculum planning for young children using various themes and topics. Students will learn how to plan art, science, language, motor and other areas using a theme that will facilitate more effective learning with young children. Using a different theme approach each time the course is offered, students will develop skills of organization and lesson planning. Course may be taken four times. (1)

CD R041—Programs for School-Age Children ½ unit

1 hour lecture weekly for 9 weeks

Course covers programs for the out-of-school care of school-age children with a focus on the characteristics of quality care. Methods of fostering emotional, intellectual, physical and social development will be explored. Program planning skills and program ideas will be covered with different topics each time the course is offered. Course may be taken four times. (1)

CD R042—Identifying and Working with the Abused ½ unit

1 hour lecture weekly for 9 weeks

Course discusses the evidence and identification, as well as the cause of abuse. Students will learn to identify physical, emotional, and sexual abuse signs, as well as methods and laws relating to reporting. Methods of working with families will also be explored. In addition, materials will include how professionals can protect themselves from being accused. Course may be taken four times. (1)

CD R043—Young Children with Handicapping Conditions ½ unit

1 hour lecture weekly for 9 weeks

Class will include information on identifying possible problems, places for referral, and community resources related to children with handicapping conditions. The students will explore curriculum designs for children with handicapping conditions, parent-provider coordination, and legal rights. Different types of disabilities will be covered in different courses. Course may be taken four times. (1)

CD R044—Nutrition for Young Children ½ unit

1 hour lecture weekly for 9 weeks

Course is designed to present current nutritional information as it relates to children, as well as ideas and methods to bring children and food together in a positive manner. Different topics and activities are presented each time the course is presented. Course may be taken four times. (1)

Child Development Center

Child Development Center

(located at the north end of the campus)

Phone (805) 986-5801

Monday through Friday: 7:30 a.m. - 5:30 p.m.

Oxnard College's Child Development center offers a developmental infant/toddler, and preschool program which is open to children ages three months through kindergarten.

The children's program is well-rounded and covers critical thinking, creative experiences, science, music, language development, movement education, social development, school readiness, and evaluation. The center serves as a model lab school for child development students who are learning to observe and work with children and their programming. Parent involvement is requested in each child's learning experience.

Tuition fees are paid on a monthly basis in advance of services. Registration materials are available at the center. Call 986-5801 for more information.

CD R045—Creative Activities for Children**½ unit***1 hour lecture weekly for 9 weeks*

Creative activities (art, music, dramatic play, etc.) are important for the growth of children mentally, socially and emotionally. This course will focus on various ways to provide a variety of developmentally appropriate activities to enrich children's growth and development. Course may be taken four times. (2)

CD R046—Teacher/Parent Communication**½ unit***1 hour lecture weekly for 9 weeks*

Course teaches the art of developing skills of working with parents for information and helping with the growth and development of children. This course will cover the value of effective communication, the places and ways it is most effective, and methods of developing communication skills. Course may be taken four times. (1)

CD R047—Children and Discipline**½ unit***1 hour lecture weekly for 9 weeks*

Course covers various discipline methods and techniques for adults to use with children. Basic methods covered will vary in classes but will include ones such as behavior modification, logical and natural consequences, communication skills, etc. Information on uses, as well as practice, will be included in classes. Topics will also include adaptation to different age children and use with special needs children. Course may be taken four times. (1)

CD R048—Science and Math for Children**½ unit***1 hour lecture weekly for 9 weeks*

Course teaches curriculum planning for the early childhood classroom related to science and math concepts. Students will learn how to plan art, science, language, and motor activities, as well as room environments that will facilitate more effective learning with young children. Information will be given to develop skills of organization and lesson planning. Course may be taken four times. (2)

CD R049—Programs for Infants and Toddlers**½ unit***1 hour lecture weekly for 9 weeks*

Course will cover the development and implementation of environments and activities for children birth to age two and a half. The emphasis will be on the importance of play as a medium for learning and the selection of appropriate materials and resources. Course may be taken four times. (1)

CD R050—Family Day Care Today**1½ units***7 hours lecture weekly for 4 weeks*

This is a specialized course designed to inform and update interested persons in the area of day care. Course covers areas of home day care and its strengths, uniqueness, and needs. Topics include planning programs, skills in working with children and parents, and record keeping and evaluation. Course may be taken two times. (2)

CD R051—Managing Children's Behavior**1 unit***1 hour lecture weekly*

Course is an overview of basic theories and applications of methods of child management. Techniques of adapting and applying theories to individual situations are covered. Difficult behaviors encountered by those living or working with children as well as techniques to cope with and solve these behaviors are included. Course may be taken two times.

CD R052—Program Development in Early Childhood Education**1 unit***1 hour lecture weekly*

Course covers guidelines for developing quality programs for young children. Topics include goal and objective setting, lesson planning and evaluation. Emphasis is on developing skills of lesson planning related to individual needs of children enrolled in child care and family day care programs. Negative TB test and field trips are required. Course may be taken two times.

CD R053—Family Child Care for Professionals**1½ units***Prerequisites: CD R050.**3 hours lecture weekly for 8 weeks*

Course is designed for family day care providers extending their training in the specialized field of in-home care for children. Course covers planning, implementation, and evaluation of a comprehensive program for children from infancy through school-age, as well as in-depth information of book-keeping and financial organization. (2)

CD R098—Short Courses in Child Development**½-10 units***Lecture and/or lab hours as required by unit formula*

Specialized topics are designed to inform or update interested persons in Child Development.

CD R102—Human Development**3 units***3 hours lecture weekly*

This is a survey course of normal human development throughout the life span. Areas relating to physical, social, cognitive and emotional growth at various points in the life cycle are explored. Field trips and negative TB test may be required.

*Transfer credit: UC, CSU***CD R103—Programs for Young Children****3 units***3 hours lecture weekly*

Course offers introduction to various kinds of school programs for young children, their histories, philosophies, and program emphasis. Requirements and opportunities in Early Childhood Education are explored—both private and public. Curriculum areas are covered, along with organization of materials and resources. Teaching techniques based upon understanding the young child as an active learner socially, physically, emotionally, and cognitively are examined. Field trips and negative TB or chest X-ray are required.

*Transfer credit: CSU***CD R106—Child, Family, and Community****3 units***3 hours lecture weekly*

Course allows students to gain awareness of interaction and interdependency between home, school, and community. Patterns of child rearing in contemporary society are covered as well as interaction of family culture, and community. Individual and social resources for family health and welfare and improving child development techniques are explored. Field trips and negative TB tests are required.

*Transfer credit: UC, CSU***CD R107—Cross-Cultural Experiences with Children and Families****3 units***3 hours lecture weekly*

Course offers general introduction to life styles, values, and socioeconomic conditions of children from bilingual and bicultural families, with special emphasis on ways in which these factors affect teaching and learning processes. Students are introduced to strategies, materials, and resources designed to enhance their skills in working with bilingual, bicultural children. Prejudices, ethnicity, and values related to cultural identity are explored. Field trips and negative TB test are required.

*Transfer credit: CSU***CD R108—The Exceptional Child****3 units***3 hours lecture weekly*

Characteristics and problems of the developmentally delayed, socially handicapped, and those with emotional problems, as well as the mentally gifted child, will be covered. The class will cover study of issues, and research encountered in these specific areas. Also covered will be resources and techniques for living and working with these children. (Same as PSY R111)(2)

*Transfer credit: CSU***CD R111—Child Development Principles and Practicum I****3 units***Prerequisites: Completion or concurrent enrollment in CD R103, and one course in creative experiences (CD R131-R134).**2 hours lecture, 3 hours lab weekly*

Basic principles of child development programs and their application to development of appropriate school experience for young children are covered. A variety of learning experiences considering environment, materials and equipment, and play routines in relation to child needs are discussed. Observation and limited participation in a preschool classroom are included. Field trips and negative TB test or chest X-ray are required.

Transfer credit: CSU

CD R112—Child Development Principles and Practicum II **3 units**

Prerequisites: CD R111.

2 hours lecture, 3 hours lab weekly

Course requires participation in a preschool classroom 3 hours per week. This is an opportunity for supervised practice in planning and guiding play, learning, and children's routine living activities. Emphasis is on experiences which lead to increasing skill in dealing effectively with group and individual behavior. Focus is on evaluation and prescribing for individual child's needs. Field trips and negative TB test or chest X-ray are required.

Transfer credit: CSU

CD R113—Programs for Infants and Toddlers **3 units**

Prerequisites: CD R102 or equivalent.

3 hours lecture weekly

Course will cover the normal development of children from birth to age 3 and the environments and activities which meet their developmental needs. The emphasis will be on the importance of play as a medium for development and the selection of appropriate play materials. Parent education, community resources and cultural and ethnic differences will be covered. A negative TB test and field trips are required. (2)

Transfer credit: CSU

CD R114—Programs for School-Age Children **3 units**

3 hours lecture weekly

Course covers programs for the out-of-school care of school-age children with a focus on the characteristics of quality care. Methods of fostering emotional, intellectual, physical and social development will be explored. Program planning skills and program ideas will be covered. This course meets state licensing regulations for working with school-age children. (2)

Transfer credit: CSU

CD R115—Management for Child Development Programs: Administration and Supervision **3 units**

Prerequisites: CD R103.

3 hours lecture weekly

Course covers preparation for administering child development programs including management principles related to licensing and standards, budgeting, space and equipment, hiring and evaluating practices, staff relationships, and parent and community involvement, including organizational requirements to fulfill goals of the program.

Transfer credit: CSU

CD R116—Management and Administration of Programs for Young Children **3 units**

Prerequisites: CD R115, experience as a supervisor or equivalent.

3 hours lecture weekly

Course covers the principles and practices of the administration of early childhood programs with an emphasis on personnel management. California State labor laws, personnel and operating policy formation, development of leadership skills, and in-depth budgeting including computer use, writing grants and proposals are discussed. Course offers the student the opportunity for in-depth study of areas covered in survey format in CD R115. The course will cover materials for programs from infant through school-age. Field trips and negative TB tests are required.

Transfer credit: CSU

CD R120—Parent Education **1 unit**

1 hour lecture weekly

This course is for parents of children enrolled in the campus Child Development Center and others interested in parenting. It is designed to enable them to gain insight into child development, parenting, and learning theories as they apply to children. Field trips and negative TB test are required. Course may be taken four times.

Transfer credit: CSU

CD R129—Child Nutrition, Health, and Safety **3 units**

3 hours lecture weekly

Instruction is given in health protection and resources provided by home, school, and community. Emphasis is placed on the study of nutritional needs, health and safety practices, and characteristics of good health as well as recognition of symptoms of communicable diseases. Habits and attitudes essential for the general physical and mental health of teacher,

parent, and child are developed in this course. Field trips and negative TB test are required. Each student will receive a Red Cross multimedia first aid Red Cross card.

Transfer credit: CSU

CD R130—Parent/Child Interaction **3 units**

3 hours lecture weekly

Course explores the challenging role of a parent. It focuses on studying a variety of approaches to effective parenting, identifying typical problem areas and dealing with them by prevention or coping strategies, and promoting positive interactions between parent and child. Field trips may be required. (Same as PSY R112)

Transfer credit: CSU

CD R131—Art in Early Childhood **3 units**

3 hours lecture weekly

Course is aimed at developing awareness and sensitivity of the nursery school teacher and understanding of stage-by-stage development of the preschool child. Teacher and student demonstrations, visual aids including films, and field trips are included in the course. Materials fee is required.

Transfer credit: CSU

CD R132—Science in Early Childhood **3 units**

3 hours lecture weekly

Methods of enriching the child's exposure to the natural and physical world are explored using basic science equipment and developing practical materials as well as reference materials for school and teacher included. Focus is on problem-solving and inquiry approaches to the involvement of young children in first-hand exploration of their environment. Materials fee is required.

Transfer credit: CSU

CD R133—Language Arts in Early Childhood **3 units**

3 hours lecture weekly

Instruction is given in developing language arts and literature experiences for young children. It explores experiences which support and extend children's ability to use language as a means of communication, medium of creative expression, and tool in the development of logical thought. Games, puppetry, flannel board material, storytelling, and children's literature are included. Materials fee is required.

Transfer credit: CSU

CD R134—Movement and Music in Early Childhood **3 units**

3 hours lecture weekly

Course covers principles and methods of providing movement and musical experiences for young children. Ways of providing creative experiences in body movement and dance as well as development of skills in using simple musical techniques are explored. Materials fee is required.

Transfer credit: CSU

CD R189—Topics in Child Development **1/2-3 units**

Lecture and/or lab hours as required by unit formula

These are courses considering specialized, specific topics in child development which are not covered in the general Child Development offerings.

Transfer credit: CSU

CD R198—Short Courses in Child Development **1/2-10 units**

Lecture and/or lab hours as required by unit formula

Courses and/or workshops in selected areas of Child Development are offered to meet specific needs of college or community as requested. Field trips may be required.

Transfer credit: CSU

CD R199—Directed Studies in Child Development **1/2-3 units**

Prerequisites: A course in the specific field.

Lecture and/or lab hours as required by unit formula

Studies are designed for selected students interested in furthering their knowledge of child development on an independent basis. Problems assigned will involve library, lab, and field work. Course may be taken two times.

Transfer credit: CSU

COMPUTER INFORMATION SYSTEMS

Career Opportunities

A.S./Certificate Level

Office Manager	Word Processor
Office Clerk	Administrative Aide
Receptionist	Data Entry Operator
Medical Office Assistant	Secretary
Junior Programmer	Microcomputer Specialist
Filing Clerk	Systems Analyst
Software Engineer	Tech Support Specialist
Applications Programmer	
Customer Service Support Representative	
Typist/Office Machines Operator	

B.S. Level

Computer Consultant	Corporate Trainer
Sales	Instructor
Information Systems Manager	

Faculty

Full-Time

Hank Bouma
Diane Eberhardy
Carole Eustice
Carmen Guerrero-Calderon
Maria Pinto-Casillas
Linda Rubenstein

Counselor

Daniel Goicoechea

Part-Time

Aziz Awwad	Gracia Marks
Ron Barry	Ray Martinez
Donald Biggar	Dolly Montalvo
Linnette Brammer	Quint Morris
Beryle Brinkman	Rodger Morris
Richard Carmichael	Craig Myers
Larry Clements	Lois O'Connor
Carol Craig	Kim Pepperell
Billy Davis	Joe Piantino
Carol Evans	Jan Schuette
Linda French	Kathlynn Spencer
Steve Gauger	Lloyd Stanton
Leonard Gilmore	Margaret Swisher
Sandy Iverson	Ray Tafoya
Carol Jablonicky	Albert Wolfkiel
Virginia Johnson	Cherri Ziegler
Matt Lachberg	Alexandra Zuromski
P.J. Manning	

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.

Required Courses:	Units
CISR001A/B	Keyboarding I/II 1/1
CISR002	Keyboarding Speed & Accuracy 2
CISR003A	Filing 1/2
CISR003B	Ten-Key Calculators 1/2
CISR003K	Proofreading Skills 2
CISR008	Machine Transcription 2
CISR009	Office Procedures 3
CISR020B	Introduction to the Internet/WWW 1
CISR021A	Introduction to Windows 2

CISR023A	EXCEL I	2
CISR023L	Spreadsheet Lab	1
CISR024A	ACCESS	2
CISR024L	Database Lab	1
CISR026B	Microsoft Word	3
CISR026L	Word Processing Lab	1
BUS R030	Business Mathematics	3
BUS R140	Business Communications	3
Complete one of the following courses:		
BUS R001	Preparation for Accounting	3
BUS R101A	Accounting Principles I	3
CISR023B/L	EXCEL II/Spreadsheet Lab	2/1
CISR025A/L	PowerPoint/Presentation Software Lab	2/1
CISR026A/L	WordPerfect/Word Processing Lab	2/1

Total Required Units 34

Computer Information Systems

Associate in Science Degree

Certificate of Achievement

This program is designed for students interested in learning basic computer information systems concepts, principles, and techniques. Students will be prepared to enter the field of information systems technology as business applications specialists and junior programmers. This program is oriented to applying computer information systems skills to a business, industry, or government environment using micro-computer systems.

Required Courses:	Units
BUS R101A	Accounting Principles I 3
BUS R120	Introduction to Business 3
BUS R140	Business Communications 3
CISR020B	Introduction to the Internet/WWW 1
CISR024A	ACCESS 2
CISR024L	Database Lab 1
CISR100	Introduction to Computer Information Systems 3
CISR101	Programming Principles and Design 3
CISR110A	VISUAL BASIC Programming I 3
CISR110L	VISUAL BASIC Lab 1
CISR111A	C++ Programming for Business Applications 3
CISR111L	C++ Lab 1
CISR120	Systems Analysis & Design 3

Total Core Units 30

Complete a minimum of three units from the following courses:

BUS R180	Introduction to International Business	3
BUS R181C	International Management	3
CISR023A	EXCEL I	2
CISR023L	Spreadsheet Lab	1
CISR025A	Presentation Graphics using PowerPoint	2
CISR025L	Presentation Software Lab	1
CISR027B	Web Pages with HTML	1
CISR027L	Web Pages Lab	1
CISR060	Networking Essentials	4
CISR110B	VISUAL BASIC Programming II	3
CISR110C	VISUAL BASIC for ACCESS	3
CISR112A	JAVA Programming I	3
CISR112L	JAVA Lab	1
CISR114A	COBOL Programming I	3
CISR114L	COBOL Lab	1

Total Required Units 33-34

◆ Office Technology—Customer Service Curriculum

Associate in Science Degree Certificate of Achievement

This program is designed for students who wish to prepare for customer service positions. Employees in these positions serve as a link between the company and the customer and work to ensure customer satisfaction by answering inquiries, solving customer problems, and selling products and/or services.

Required Courses:

CIS R001 A/B	Keyboarding I/II	1/1
CIS R002	Keyboarding Speed & Accuracy	2
CIS R003C	Vocational Spelling	1
CIS R003K	Proofreading Skills	2
CIS R003L	Telephone Techniques	1
CIS R003P	Job Skills	2
CIS R021A	Introduction to Windows	2
CIS R022A	Microsoft Office	3
CIS R022L	Microsoft Office Lab	1
BUS R030	Business Mathematics	3
BUS R040	Business English	3
BUS R051	Customer Service	3
BUS R062	Oral Communications	3
PSY R102A	Interpersonal Relations	3
Total Required Units		31

◆ Office Microcomputers

Associate in Science Degree Certificate of Achievement

This program is designed for students who wish to prepare for office positions as computer operators, word processors, or word processing administrative assistants. This program permits flexibility in specialization with accounting, office skills and/or advanced programming skills.

Required Courses:

Units

CIS R001A/B	Keyboarding I/II	1/1
CIS R002	Keyboarding Speed & Accuracy	2
CIS R003K	Proofreading Skills	2
CIS R020B	Introduction to the Internet/WWW	1
CIS R021A	Introduction to Windows	2
CIS R023A	EXCEL I	2
CIS R023L	Spreadsheet Lab	1
CIS R024A	ACCESS	2
CIS R024L	Database Lab	1
CIS R026B	Microsoft Word	3
CIS R026L	Word Processing Lab	1
CIS R100	Introduction to Computer Information Systems	3
CIS R101	Programming Principles and Design	3
CIS R110A	VISUAL BASIC Programming I	3
CIS R110L	VISUAL BASIC Lab	1
BUS R140	Business Communications	3
Complete one of the following courses:		
CIS R050	Computer Networking I	2
CIS R110B	VISUAL BASIC Programming II	3
CIS R110C	VISUAL BASIC for ACCESS	3
CIS R110L	VISUAL BASIC Lab	1
BUS R101A	Accounting Principles I	3
Total Required Units		34-36

Computer Networking CISCO (CCNA)

Microsoft Certified Engineer MCSE

Certificate and/or Degree Requirements

Refer to the Engineering Technology (ENGT) section of the catalog.

Computer Information Systems Courses

OFFICE AUTOMATION

CIS R001A—Keyboarding I

1 unit

½ hour lecture, 1½ hours lab weekly

This course provides instruction on letter, number, symbol, and special keys and develops fundamental skills in the operation of the keyboard. (2)

CIS R001B—Keyboarding II

1 unit

Prerequisites: CIS R001A.

½ hour lecture, 1½ hours lab weekly

This course provides instruction on the formatting of reports, business letters, envelopes, memos, and tables. It will also provide drill work to improve both speed and accuracy in keyboarding techniques. (2)

CIS R002—Keyboarding Speed & Accuracy

2 units

Prerequisites: CIS R001A.

1 hour lecture, 3 hours lab weekly

This course is designed to improve speed and accuracy in using the keyboard through development of proper techniques. It is for students who know the keyboard but need more work on speed and/or accuracy. Drills for speed development and accuracy will be self-paced. This course may be taken three times. (2)

CIS R003A—Filing

½ unit

1½ hours laboratory weekly

This course is a quick but thorough review of filing procedures and principles. Students will learn alphabetic and government filing procedures. (2)

CIS R003B—Ten-Key Calculators

½ unit

1½ hours laboratory weekly

This course includes practical business problems that can be solved on the ten-key calculator. Students will learn to operate the ten-key keyboard by touch through individualized instruction. Drill and review will round out the operator's training. (2)

CIS R003C—Business Vocabulary (Catalog Revision)* ½ unit

1½ hours laboratory weekly

This course gives instruction in learning to spell the words most commonly used in business and for mastering vocabulary for business communications. This course is required for the Office Technology Customer Service certificate and degree. (2)

CIS R003D—Office Communications and

Interpersonal Skills

2 units

(New Course-Fall 2001)

2 hours lecture weekly

This course has been designed for students who want to learn effective communication and interpersonal skills to enhance on-the-job communication. Topics will include listening skills; non-verbal and face-to-face communications; e-mail, voice mail, and fax communications; Internet research; intercultural and diversity communications; ethical and legal guidelines in communication; development of skills necessary to deal with difficult people; conflict resolution; and the development of telephone communication skills. Not applicable for degree credit. (2)

CIS R003K—Proofreading Skills (Catalog Revision)* 2 units

Prerequisites: BUS R040 or ENGL R066 or equivalent.

Advisory: CIS R001A and CIS R001B.

2 hours lecture weekly

This course provides skill development in proofreading with emphasis on finding and correcting typographical, grammatical, formatting, and content errors. This course is required for the Administrative Assistant, Office Technology Customer Service, and Office Microcomputers certificates and degrees. (2)

CIS R003L—Telephone Techniques (Catalog Revision)* ½ unit

1½ hours lab weekly

This course is designed to train students to use a telephone professionally and efficiently in a business environment. The emphasis is on the importance of positive telephone skills to develop and maintain a positive company image and provide reliable service. This course is required for the Office Technology Customer Service certificate and degree. (2)

CIS R003P—Job Skills (Catalog Revision)***2 units***2 hours lecture weekly*

This course will teach students basic job skills such as attitude, work habits, interpersonal skills, decision-making techniques, proper dress, stress management, and promotion. This class is required for the Office Technology Customer Service certificate and degree. Field trips may be required. (2)

CIS R007—Office Preparation**1-12 units***Lecture and/or lab hours as required by unit formula.*

This course is for students with little or no previous business training who have immediate job goals in mind. The course offers training in various office skills (keyboarding, calculators, oral communications, business letter writing, filing, spelling, English, punctuation, math review, office procedures, and job search techniques) necessary for employment as an office clerk, a clerk typist, a receptionist, or other entry-level office occupation. The program is self-paced and operates on an open-entry, open-exit enrollment plan. A Certificate of Completion may be earned for completing 24 units. Students may receive from one to twelve units per semester depending on completion of course work. Course may be repeated (three repetitions for a maximum of 24 units). Repetition is only for completing and learning new skills—no successfully completed subjects may be repeated. Contact Admissions Office for vacancy information. (1)

CIS R007B—Office Preparation, Bilingual (English/Spanish)**1-3 units***Lecture and/or lab hours as required by unit formula.*

This course is for students with little or no previous business training and who have immediate job goals in mind. The course offers training in various office skills (keyboarding—basic and intermediate, filing, and using electronic calculators) necessary for employment as an office clerk, a clerk typist, a receptionist or other entry-level office occupation. The program is self-paced and operates on a limited open-entry, open-exit enrollment plan. Instruction is conducted in Spanish and English. Students may receive from one to three units per semester depending on completion of course work. The course may be repeated (two repetitions for a maximum of nine units). Repetition is only for completing and learning new skills—no successfully completed subjects may be repeated. Units earned in CIS R007B may be applied to the 24 unit requirement of the Office Preparation Program (CIS R007). (1)

CIS R007L—Office Preparation Lab**1 unit***3 hours lab weekly*

This course is for students who need more time and additional instructor assistance to complete assigned course work from the Office Occupations Preparation Program. This course is also for students who need to complete unfinished course work in the program, e.g., returning students. Not applicable for degree credit. Course may be taken three times. (1)

CIS R008—Machine Transcription (Catalog Revision)***2 units***Prerequisites: CIS R001B.**Advisory: CIS R003K and a typing speed of 40 wpm.**2 hours lecture weekly*

This course teaches transcription of dictation from cassettes to achieve mailable documents. It includes a brief review of grammar and spelling. This course is required for the Administrative Assistant certificate and degree. (2)

CIS R009—Office Procedures**3 units***Prerequisites: CIS R001B.**Advisory: CIS R003K.**3 hours lecture weekly*

This course provides instruction and practical applications in current office techniques including office organizations, time management, telephone procedures, origination of correspondence, records management, mail handling, job skills, human relations, and stress management. This is a good "finishing course" after having taken separate skill courses. Field trips may be required. (2)

WORD PROCESSING**CIS R020A—Introduction to Microcomputers (Catalog Revision)*****2 units***2 hours lecture weekly*

This course will provide beginning students with a basic understanding of the concepts and terminology relating to microcomputers and will provide them with a survey of popular microcomputer applications programs. Students will be introduced to and obtain hands-on experience with microcomputers, operating systems, word processing, spreadsheets, and database management applications. (2)

CIS R020B—Introduction to the Internet/WWW (Catalog Revision)***1 unit***1 hour lecture weekly*

This course provides an overview of Internet services, telecommunications services, data services, and wide-area computer networking services. Particular emphasis is placed on electronic mail, commercial data services, and Internet services, and how these services can be accessed and explored by businesses and individuals. (2)

CIS R021—Windows Basics (New Course-Fall 2001)**1/2 unit***1/2 hour lecture weekly*

This is an introductory course designed to provide an overview of the Microsoft Windows operating system. It is designed for the office professional or any personal computer user with no Windows experience. This course emphasizes Windows basics such as desktop management, Explorer, My Computer, and Control Panel. Field trips may be required. Not applicable for degree credit. (2)

CIS R021A—Introduction to Windows (Catalog Revision)***1 unit***1 hour lecture weekly*

In this course, students will learn to manage files and to use Windows tools, accessories, and applications. This course is suitable for students wishing to learn more about system software. (2)

CIS R021B—Windows Installation**1/2 unit***1/2 hour lecture weekly*

This course will teach students to install and manage a Windows based operating system. Students will get a top-line overview of what to expect from an operating system. An understanding of what Windows can do for either the power or novice user. (2)

CIS R022A—Microsoft Office (Catalog Revision)***3 units***Advisory: CIS R021A.**3 hours lecture weekly*

This is a survey course and is designed to teach the fundamentals of Microsoft Windows; Microsoft Word, a word processing program; Microsoft EXCEL, a spreadsheet program; Microsoft ACCESS, a database program; and Microsoft PowerPoint, a graphic presentations program. This course will also acquaint the student with the proper methods for solving computer applications problems and the integrated solutions to these problems through the use of object linking and embedding (OLE). (2)

CIS R022L—Microsoft Office Lab**1 unit***Corequisites: CIS R022A.**3 hours lab weekly*

This course provides laboratory experience to accompany CIS R022A. Course may be taken two times. (2)

CIS R023—Microsoft EXCEL Basics (New Course-Fall 2001)**1/2 unit***1/2 hour lecture weekly*

This is an introductory level course designed to provide an overview of Microsoft EXCEL for Windows. This course is designed for the office professional or other serious personal computer user who has no Windows and/or spreadsheet experience. This course emphasizes preparation of basic spreadsheets. Not applicable for degree credit. (2)

*Course listings followed by an asterisk are revised course offerings and differ in one or more ways from the previously offered course of the same number, i.e. different unit value, pre or corequisite added or dropped, lab added or dropped, etc. Please see the 1999-2000 College Catalog for comparison.

CIS R023A—EXCEL I (Catalog Revision)* 3 units*3 hours lecture weekly*

This course provides instruction in Microsoft EXCEL, concentrating on the development of an understanding and working knowledge of the business and practical applications of a spreadsheet. This course is a prerequisite for CIS R023B and the Microsoft Office User Specialist Certification Exam. (2)

CIS R023B—EXCEL II (Catalog Revision)* 3 units*Prerequisites: CIS R023A.**3 hours lecture weekly*

This course provides instruction using a hands-on approach to develop expertise in advanced Microsoft EXCEL applications such as database management, macro programming, workbook, map, and chart creation and interpretation, creation of hyper links and preparation for the Microsoft Office User Specialist Certification Exam. (2)

CIS R023L—Spreadsheet Lab 1 unit
(Not offered after Summer 2001)*Corequisites: CIS R023A or CIS R023B.**3 hours lab weekly*

This course provides laboratory experience to accompany CIS R023A or CIS R023B. Course may be taken two times. (2)

CIS R024A—ACCESS (Catalog Revision)* 3 units*Advisory: CIS R021A.**3 hours lecture weekly*

Students taking this course will use ACCESS to design forms and reports for the retrieving and viewing of information commonly used to manage organizational data. Students will use built-in templates that enable them to build attractive and useful database objects. (2)

CIS R024L—Database Lab 1 unit
(Not offered after Summer 2001)*Corequisites: CIS R024A.**3 hours lab weekly*

This course provides laboratory experience to accompany CIS R024A. (2)

CIS R025A—Presentation Graphics using PowerPoint (Catalog Revision)* 2 units*Prerequisites: CIS R021A.**2 hours lecture weekly*

This course instructs students in the creation of professional-looking presentations, such as overheads, electronic slides, and 35mm slides on a computer using features such as outlining, graphing, drawing, clip art, presentation management, and Wizards (a tutorial approach to creating presentations). (2)

CIS R025L—Presentation Software Lab 1 unit
(Not offered after Summer 2001)*Corequisites: CIS R025A.**3 hours lab weekly*

This course provides laboratory experience to accompany CIS R025A. (2)

CIS R026—Preparation for Microsoft Word ½ unit
(New Course-Fall 2001)*½ hour lecture weekly*

This is an introductory course designed to provide an overview of Microsoft Word for Windows. It is designed for the office professional or other serious personal computer user with little or no word processing experience. This course emphasizes using Microsoft Word to produce memos, letters, and reports. Not applicable for degree credit. (2)

CIS R026A—Corel WordPerfect (Catalog Revision)* 3 units*Advisory: CIS R021A.**3 hours lecture weekly*

This course will provide instruction and practical experience using Corel WordPerfect Windows functions to include the basics of text editing, formatting, and page layout tools. Students will apply these skills to job related applications. (2)

CIS R026B—Microsoft Word (Catalog Revision)* 3 units*Advisory: CIS R021A.**3 hours lecture weekly*

This course includes instruction and practical experience using basic Microsoft Word functions while learning job-related skills. Students will take advantage of the many new capabilities of word processing in a Windows environment. (2)

CIS R026L—Word Processing Lab 1 unit
(Not offered after Summer 2001)*Corequisites: CIS R026A or CIS R026B.**3 hours lab weekly*

This course provides laboratory experience to accompany CIS R026A or CIS R026B. Course may be taken two times. (2)

CIS R027A—Web Page Development (Catalog Revision)* 1 unit*Advisory: CIS R020B.**1 hour lecture weekly*

This course provides instruction in the development of personal web pages using Corel Suite, Microsoft Office products, and Internet freeware. (2)

CIS R027B—Web Pages with HTML (Catalog Revision)* 3 units*Advisory: CIS R020B.**3 hours lecture weekly*

This course provides instruction in the development of HTML documents and creation of a web page using all of the HTML elements of design and publication. (2)

CIS R027C—Microsoft FrontPage (Catalog Revision)* 3 units*Advisory: CIS R020B.**3 hours lecture weekly*

This course provides instruction in the development of web pages using Microsoft FrontPage. Students will develop personal and commercial web pages as well as publish a web page to the World Wide Web. (2)

CIS R027L—Web Pages Lab 1 unit
(Not offered after Summer 2001)*Corequisites: CIS R027A, CIS R027B, or CIS R027C.**3 hours lab weekly*

This course provides laboratory experience to accompany CIS R027A, CIS R027B, or CIS R027C. Course may be taken three times. (2)

CIS R028A—Desktop Publishing (Catalog Revision)* 3 units*Prerequisites: CIS R026A or CIS R026B.**3 hours lecture weekly*

This course will include instruction and practical experience in using desktop publishing functions. Students will learn job-related skills up to modification of style sheets and page layouts. Creation of a publication, brochure, advertisements, charts, tables, and presentations will also be included in this course. The use of scanning techniques to produce publications and the generation of indexes and tables of contents will also be included throughout this course. (2)

CIS R028B—Aldus Pagemaker (Catalog Revision)* 3 units*Prerequisites: CIS R026A or CIS R026B.**Advisory: CIS R021A.**3 hours lecture weekly*

This course offers instruction and practical experience in desktop publishing functions using Aldus PageMaker and job-related skills through the page composition step of a publishing system. (2)

CIS R028L—Desktop Publishing Lab 1 unit
(Not offered after Summer 2001)*Corequisites: CIS R028A or CIS R028B.**3 hours lab weekly*

This course provides laboratory experience to accompany CIS R028A or CIS R028B. Course may be taken two times. (2)

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CIS R040—PC Upgrade**1½ units***1 hour lecture, 1½ hours lab weekly*

This course is designed for persons with little or no previous exposure to computers and whose goals include learning about and working with networks, personal computers, and computer components. The student will work with PC components in a laboratory environment. Topics include the history of computing, internal operations, alternative operating systems, Internet options, and networking. DOS commands will be used to demonstrate basic operations and configurations of a PC. Field trips may be required. (2)

CIS R041—Computer Applications for Legal Assisting**3 units***3 hours lecture weekly*

This course trains the legal assistant to use a variety of computer software packages. Students will become familiar with word processing, data bases, and spreadsheets. Retrieval, timekeeping, billing, document search, and time management software packages will be used also. Field trips may be required. (2)

CIS R042A—Computerized Accounting**2 units***Prerequisites: BUS R001 and CIS R020A.**Corequisites: CIS R042L.**2 hours lecture weekly*

This course will provide an in-depth study of financial accounting using microcomputer software systems. Students will learn to become occupationally competent in the use of at least one of several general ledger or write-up software systems currently available. (2)

CIS R042L—Computerized Accounting Lab**1 unit***Corequisites: CIS R042A.**3 hours lab weekly*

This course provides laboratory experience to accompany CIS R042A. (2)

CIS R049—Computer Lab**1 unit***3 hours lab weekly*

This course provides computer access for students enrolled in any courses other than computer-related courses as well as for those students who are enrolled in computer-related courses who would like to earn credit for the time they spend in a computer lab completing their work/assignments. This course cannot be substituted for courses that have a computer lab component associated with a computer-type class. Course may be taken four times. (1)

CIS R050—Computer Networking I**2 units***Prerequisites: Working knowledge of latest version of Windows operating system.**1 hour lecture, 3 hours lab weekly*

This is the first course in a four-course series designed to provide students with classroom and laboratory experience in current and emerging computer networking technology. Instruction includes LANs, WANs, OSI models, IP addressing and router programming. Those completing the four-course series are eligible to take the CISCO Certified Networking Associate certification exam. Field trips may be required. Course may be taken two times. (Same as ENGT R050) (2)

CIS R051—Computer Networking II**2 units***Prerequisites: CIS R050 or ENGT R050.**1 hour lecture, 3 hours lab weekly*

This is the second course in a four-course series designed to provide students with classroom and laboratory experience in current and emerging computer networking technology. Intermediate level instruction in LANs, WANs, OSI models, IP addressing and router programming is provided. Those completing the four-course series are eligible to take the CISCO Certified Networking Associate certification exam. Field trips may be required. Course may be taken two times. (Same as ENGT R051) (2)

CIS R052—Computer Networking III**2 units***Prerequisites: CIS R051 or ENGT R051.**1 hour lecture, 3 hours lab weekly*

This is the third course in a four-course series designed to provide students with classroom and laboratory experience in current and emerging computer networking technology. Instruction includes LAN switching, VLANs, LAN design, IGRP, and Novel IPX. Those completing the four-course series are eligible to take the CISCO Certified Networking

Associate certification exam. Field trips may be required. Course may be taken two times. (Same as ENGT R052) (2)

CIS R053—Computer Networking IV**2 units***Prerequisites: CIS R052 or ENGT R052.**1 hour lecture, 3 hours lab weekly*

This is the fourth course in a four-course series designed to provide students with classroom and laboratory experience in current and emerging computer networking technology. Those completing the four-course series are eligible to take the CISCO Certified Networking Associate certification exam. Instruction includes Wide Area Networking, WAN design, PPP, ISDN, and Frame Relay. Field trips may be required. Course may be taken two times. (Same as ENGT R053) (2)

CIS R056—Computer Networking Design**4 units***Prerequisites: CIS R053 or ENGT R053.**3 hours lecture, 3 hours lab weekly*

This course provides the student with the knowledge to design a computer network for a small to medium sized business. The course also prepares the student for the CISCO Certified Design Associate (CCDA) certification exam. Field trips may be required. (Same as ENGT R056)

CIS R060—Networking Essentials**4 units***3 hours lecture, 3 hours lab weekly*

This course is designed to enable students to learn the principles of computer networking using common networking devices and to prepare for the Microsoft Networking Essentials certification exam. This is the first course in a six-course series that leads to certification as a Microsoft Certified Systems Engineer (MCSE). Field trips may be required. Course may be taken two times. (Same as ENGT R060)

CIS R061—Windows NT Workstation**4 units***3 hours lecture, 3 hours lab weekly*

This course prepares students to take Microsoft's "Implementing and Supporting Windows NT Workstation 4.0" certification exam. Subjects include configuring NT workstations, optimizing network performance, and troubleshooting NT workstations. Field trips may be required. Course may be taken two times. (Same as ENGT R061)

CIS R062—Windows NT Server**4 units***3 hours lecture, 3 hours lab weekly*

This course prepares students to take Microsoft's "Implementing and Supporting Windows NT Server 4.0" certification exam. Subjects include installing Windows NT Server, managing network components, and administering and troubleshooting Windows NT Server. Field trips may be required. Course may be taken two times. (Same as ENGT R062)

CIS R063—Windows NT in the Enterprise**4 units***3 hours lecture, 3 hours lab weekly*

This course prepares students to take Microsoft's "Implementing and Supporting Windows NT Server 4.0 in the Enterprise" certification exam. Subjects include director services, advanced network configuration, configuring Internet services, and troubleshooting. Field trips may be required. Course may be taken two times. (Same as ENGT R063)

CIS R064—TCP/IP on Windows NT**4 units***3 hours lecture, 3 hours lab weekly*

This course prepares students to take Microsoft's "Internetworking with TCP/IP on Windows NT" certification exam. Subjects covered include installing and configuring TCP/IP, RAS servers, monitoring TCP/IP traffic, and troubleshooting. Field trips may be required. Course may be taken two times. (Same as ENGT R064)

CIS R065—Internet Info Server 4**4 units***3 hours lecture, 3 hours lab weekly*

This course prepares students to take Microsoft's "Internet Information Server 4" certification exam. Subjects covered include installing and configuring Internet Information Server (IIS), configuring and managing Resource Access, monitoring IIS, and troubleshooting. Field trips may be required. Course may be taken two times. (Same as ENGT R065)

CIS R070—A+ Core Module Prep**2 units***1 hour lecture, 3 hours lab weekly*

This course provides instruction in computer repair and upgrade. It prepares students to take the first of two required exams for A+ Certification. Field trips may be required. Course may be taken two times. (Same as ENGT R070)

CIS R071—A+ DOS/Windows Module Prep 2 units*1 hour lecture, 3 hours lab weekly*

This course provides instruction in computer repair and upgrade. It prepares students to take the second of two required exams for A+ Certification. Field trips may be required. Course may be taken two times. (Same as ENGTR071)

CIS R090A—Office Automation Internship 1-6 units*Prerequisites: CIS R026A or CIS R026B.**3-18 hours lab weekly as required by unit formula*

Students will receive hands-on experience in office automation to enhance their opportunity for success by bridging the gap between educational theory and on-the-job practice. Field trips may be required. Course may be taken two times. (1)

CIS R098—Short Courses in Computer Information Systems ½-10 units*Lecture and/or lab hours as required by unit formula*

This class offers courses in specialized topics designed to inform or update interested persons in various disciplines within the field of computer information systems. Unit credit determined by length of course. Field trips may be required. (2)

INFORMATION PROCESSING**CIS R100—Introduction to Computer Information Systems 3 units***3 hours lecture weekly*

This is a computer literacy course presenting students with a comprehensive introduction to principles of computers and electronic data processing (with special emphasis on business applications). In addition to considering the historical development of computers and some social implications of the computer revolution, students will be introduced to terminology and concepts relating to computer hardware and data communications technology, programming languages, data organization, and the software/systems development process. Hands-on training with micro-computers is included. (2)

*Transfer credit: UC, CSU***CIS R101—Programming Principles and Design 3 units***Prerequisites: CIS R100.**3 hours lecture weekly*

This is a language-independent introductory course in computer program design and development. Emphasis is on basic analytical and problem-solving techniques of algorithm development. Students will utilize program specification sheets, structure charts, flowcharts, and pseudo-code in developing designs for business applications programs. Structured programming techniques will be stressed throughout the course. It is recommended that this course be taken prior to or concurrent with the first course taken in a computer programming language. Field trips may be required. (2)

*Transfer credit: UC, CSU***CIS R110A—VISUAL BASIC Programming I 3 units**
*(Catalog Revision)***Prerequisites: CIS R021A and CIS R101.**3 hours lecture weekly*

This is a beginning programming course. Students enrolled in VISUAL BASIC Programming I will use an object-oriented/event-driven approach to learning programming concepts. Students will develop objects such as dialog boxes, command buttons, menus, and list boxes commonly used in the Windows environment with an emphasis on creating well-structured program forms. (2)

*Transfer credit: UC, CSU***CIS R110B—VISUAL BASIC Programming II 3 units**
*(Catalog Revision)***Prerequisites: CIS R110A.**3 hours lecture weekly*

Students enrolled in VISUAL BASIC Programming II will use an object-oriented/event-driven approach to learning programming concepts. Students will develop and support objects such as menus, list boxes, forms, financial functions, timer controls, arrays, graphics control, and database control commonly used in the Windows environment. (2)

*Transfer credit: UC, CSU***CIS R110C—VISUAL BASIC for ACCESS 3 units**
*(Catalog Revision)***Prerequisites: CIS R024A, CIS R100, and CIS R110A.**3 hours lecture weekly*

This course is the study of the principles of design, implementation, and maintenance of a database management system. VISUAL BASIC for ACCESS (VBA) is used to generate application programs for creating, updating, and retrieving data from a microcomputer database management system. Emphasis is on systematic application development in Microsoft ACCESS using VBA statements, as well as writing, debugging, and maintaining multi-user applications. Course coverage includes using event-driven programming and ACCESS events; enhancing ACCESS applications through macros, menus, and toolbars; working with VBA modules, functions, and subroutines; using objects and methods in VBA; and protecting data integrity in a multi-user environment. (2)

*Transfer credit: UC, CSU***CIS R110L—VISUAL BASIC Lab 1 unit**
*(Not offered after Summer 2001)**Corequisites: Concurrent enrollment in CIS R110A or CIS R110B or CIS R110C.**3 hours lab weekly*

This course provides laboratory experience to accompany CIS R110A-Z. Course may be taken three times. (2)

*Transfer credit: CSU***CIS R111A—C++ Programming for Business Applications (Catalog Revision)* 3 units***Prerequisites: CIS R101.**3 hours lecture weekly*

This course is designed to provide fundamental training in the use of the C++ programming language. Structured program design techniques are emphasized. Students will design and implement a series of business oriented, interactive, and file-based programming projects. Field trips may be required. (2)

*Transfer credit: UC, CSU***CIS R111L—C++ Lab (Not offered after Summer 2001) 1 unit***Corequisites: CIS R111A.**3 hours lab weekly*

This course provides laboratory experience to accompany CIS R111A. (2)

*Transfer credit: CSU***CIS R112A—JAVA Programming I 3 units**
*(Catalog Revision)***Prerequisites: CIS R101.**3 hours lecture weekly*

This course is intended for people who have no previous programming experience. The JAVA programming language is an object-oriented language and is the language of the World Wide Web. Because JAVA supports the programming of graphical interfaces and use of computer networks, students will develop web-based objects for personal and commercial use. Field trips may be required. (2)

Transfer credit: UC, CSU

*Course listings followed by an asterisk are revised course offerings and differ in one or more ways from the previously offered course of the same number, i.e. different unit value, pre or corequisite added or dropped, lab added or dropped, etc. Please see the 1999-2000 College Catalog for comparison.

CIS R112B—JAVA Programming II
(Catalog Revision)*

3 units

Prerequisites: CIS R112A.

3 hours lecture weekly

This is the second course in the JAVA sequence of courses. Students taking this course will complete their knowledge and understanding of the programming language JAVA by using advanced applications such as the development of a graphical interface and Object-Oriented design. Field trips may be required. (2)

Transfer credit: UC, CSU

CIS R112L—JAVA Lab

1 unit

(Not offered after Summer 2001)

Corequisites: Concurrent enrollment in CIS R112A or CIS R112B.

3 hours lab weekly

This course provides laboratory experience to accompany CIS R112A-Z. Course may be taken three times. (2)

Transfer credit: CSU

CIS R114A—COBOL Programming I
(Catalog Revision)*

3 units

Prerequisites: CIS R101.

3 hours lecture weekly

In this course, the student will study multiple business information systems as they relate to and are addressed by COBOL (Common Business Oriented Language) programming. The course will cover file description entries, record description clauses, working storage, conditional names, file structure, file processing, and verb categories. Field trips may be required. (2)

Transfer credit: UC, CSU

CIS R114B—COBOL Programming II
(Catalog Revision)*

3 units

Prerequisites: CIS R114A.

3 hours lecture weekly

This course is designed to extend the students' skill and knowledge in programming using COBOL. Emphasis will be on tape and disk file updating, and creation, updating, and retrieval of indexed sequential files with business applications. Field trips may be required. (2)

Transfer credit: UC, CSU

CIS R114L—COBOL Lab

1 unit

(Not offered after Summer 2001)

Corequisites: CIS R114A or CIS R114B.

3 hours lab weekly

This course provides laboratory experience to accompany CIS R114A or CIS R114B. Course may be taken two times. (2)

Transfer credit: CSU

CIS R120—Systems Analysis & Design

3 units

Prerequisites: CIS R100 and CIS R110A.

3 hours lecture weekly

Students will learn computer information processing system analysis and design of subsystems within a business organization. Different types of information systems such as inventory, financial, production, personnel, and marketing are covered. The concept of fully integrated systems is included. Field trips may be required. (2)

Transfer credit: CSU

CIS R189—Topics in Computer Information Systems

1/2-10 units

Lecture and/or lab hours as required by unit formula

This class offers specialized topics designed to inform or update interested persons in various disciplines within the field of business and computer information systems. Unit credit is determined by length of course. Field trips may be required. (2)

Transfer credit: UC, CSU

CIS R190A—Internship in Computer Information Systems

1-3 units

Prerequisites: CIS R110A or CIS R111A.

3-9 hours lab weekly as required by unit formula

Students will receive hands-on experience in computer operations and programming in the information processing system installation of a local business. Field trips will be required. Course may be taken two times. (1)

Transfer credit: CSU

CIS R198—Short Courses in Computer Information Systems

1/2-10 units

Lecture and/or lab hours as required by unit formula

This class offers courses in selected areas of business and computer information systems to meet specific needs of college or community as required or requested by persons whose needs are not met by regular course offerings. (2)

Transfer credit: UC, CSU

CIS R199—Directed Studies in Computer Information Systems

1-3 units

Prerequisites: Completion of at least one full semester of a computer programming language or a minimum of 12 units in computer applications.

3-9 hours lab weekly as required by unit formula

This course is designed for students interested in furthering their knowledge of computer information systems on an independent study basis. Assignments may include writing programs for campus use. Field trips may be required. Course may be taken two times. (1)

Transfer credit: UC, CSU

NOTE: The course listed below has been temporarily suspended. For further information, please contact the Business/Technology division office.

BIS R163 Data Base Management

COMPUTER SCIENCE

Faculty

Part-time

Jinda Chen

Nalini Mishra

Computer Science Courses

CS R110—Programming with JAVA

4 units

Corequisites: MATH R115 or MATH R118B (may be taken previously)

3 hours lecture, 3 hours lab weekly

Programming with JAVA is an introduction to the JAVA programming language. Topics include JAVA language fundamentals, JAVA object-oriented programming, applet programming, graphical user interfaces (GUI) programming, animation programming, stand-alone application programming, and network programming.

Transfer credit: UC, CSU

CS R115—Programming C++ (Catalog Revision)*

4 units

Prerequisites: MATH R115 or MATH R118B.

3 hours lecture, 3 hours lab weekly

This course explores concepts and techniques of object-oriented programming using C++. Topics include introduction to computers, history of programming languages, statements, functions, classes, pointers, arrays, overloading, file processing, preprocessor, and inheritance. Although designed to meet transfer requirements for Computer Science majors, this course is open to all students. (2) (previously MATH R139)

Transfer credit: CSU (UC pending)

*Course listings followed by an asterisk are revised course offerings and differ in one or more ways from the previously offered course of the same number, i.e. different unit value, pre or corequisite added or dropped, lab added or dropped, etc. Please see the 1999-2000 College Catalog for comparison.

CS R122—Architecture & Assembly Language 4 units*Prerequisites: CS R110.**3 hours lecture, 3 hours lab weekly*

Architecture & Assembly Language covers basic computer organization, assembly language programming, input-output programming, and interrupt handlers.

*Transfer credit: UC, CSU***CS R128—Data Structures & Program Design 4 units***Prerequisites: CS R110.**3 hours lecture, 3 hours lab weekly*

In Data Structures and Program Design, object-oriented programming methods will be applied to abstract data types such as stacks, queues, trees, and graphs. The concepts of pointer variables, linked lists, list processing, recursion, simulation, algorithms, and dynamic programming will also be introduced.

*Transfer credit: UC, CSU***CS R142—Computer Organization 3 units***Prerequisites: CS R122 and CS R128.**3 hours lecture weekly*

Computer Organization is an introduction to the structure and organization of computer systems. The topics covered include digital logic, microprogramming, micro architectures, machine languages and their interpretation, operating systems, virtual memory and cache memory.

*Transfer credit: UC, CSU***CS R144—Concepts of Programming Languages 4 units***Prerequisites: CS R122 and CS R128.**3 hours lecture, 3 hours lab weekly*

In Concepts of Programming Languages, basic concepts of programming languages will be discussed including storage management, syntax, Backus-Naur form (BNF), scope of names, semantics, and type checking. Programming languages including PASCAL, ADA, FORTRAN, COBOL, C and LISP will be compared.

Transfer credit: UC, CSU

DENTAL HYGIENE

A Registered Dental Hygienist (RDH) is a licensed dental 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.

The Dental Hygiene Associate in Science Degree Program offers an academic and clinical skills curriculum within an on-campus clinic. The student is prepared for eligibility to take the National Board written examination and the state practical examination for licensure as a Registered Dental Hygienist.

Faculty

Full-Time

Betsy Lindbergh, DDS, RDH
Richard Enriquez, DDS

Counselor

Linda Conti

Part-Time

David Birenbaum
Missy Mattox, RDH
Christine Newman, RDH
Susan McDonald, RDH
Elaine Siebers
Neil Ziegler

Joyce Galligan, DDS
Keith Johnson, DDS
Peggy Newville, RDH
Gwen Ridgway, RDH
Ronald Yueh, DDS

◆ Dental Hygiene

Associate in Science Degree

Upon completion of the two-year degree program, graduates are eligible to take the National Dental Hygiene Written Board and the California Dental Hygiene Clinical Licensing Board.

Program Recommendations

	Units
MATH R011*	Elementary Algebra 5
BIOL R101*	General Biology 3
BIOL R101L*	General Biology Lab 1

*or equivalent

Program Prerequisite Courses

MICR R100	Principles of Microbiology	3
MICR R100L	Principles of Microbiology Lab	2
ANAT R100	General Human Anatomy	2
ANAT R100L	General Human Anatomy Lab	2
PHSO R100	Human Physiology	3
PHSO R100L	Human Physiology Lab	2
CHEM R110	Elementary Chemistry	5
CHEM R112	Elementary Organic and Biological Chemistry	5
ENGL R101	College Composition	4
PSY R101	General Psychology	3
SPCH R101	Introduction to Oral Communication	3
SOCR 101	Introduction to Sociology	3

Total Prerequisites 37

The courses listed above are not necessarily entry-level. Oxnard College offers courses to prepare students to succeed in these prerequisites. See a counselor for more information.

Upon completion of the prerequisites, students must apply for admission to the Dental Hygiene program. Contact the program director at 986-5823 for details on the selection process.

The program requires full-time enrollment.

Required Dental Hygiene Courses

	Units
DH R010	Oral Biology 3
DH R011	Oral Radiology 3
DH R012	Head and Neck Anatomy 2
DH R013	Dental Health Education Seminar 1
DH R014	Introduction to Dental Hygiene Practice 3
DH R015	Introduction to Pre-Clinic/Clinic 2
DH R020	Local Anesthesia and Nitrous Oxide 2
DH R021	General and Oral Pathology 4
DH R022	Pharmacology 2
DH R023	Clinical Practice I 3
DH R024	Clinic I Seminar 3
DH R025	Periodontics I 2
DH R030	Special Patients/Geriatrics 1
DH R031	Nutrition in Dentistry 1
DH R032	Dental Materials 2
DH R033	Clinic II Seminar 2
DH R034	Clinical Practice II 4
DH R035	Periodontics II 2
DH R036	Community Oral Health I 2
DH R040	Advanced Clinical Topics 2
DH R041	Practice Management 1
DH R042	Clinic III Seminar 2
DH R043	Clinical Practice III 4
DH R044	Community Oral Health II 1
DH R045	Ethics and Jurisprudence 2

Total Dental Hygiene Required Courses 56

Dental Hygiene Courses

DH R010—Oral Biology

3 units

Prerequisites: Completion of Program Prerequisites as stipulated by the American Dental Association.

3 hours lecture, 1 hour lab weekly

Study of embryology and histology of oral structural formation, clinical recognition of normal oral structures, the physiological and structural functions of teeth and supporting tissues, and oral anatomy relative to proper dental hygiene procedures.

DH R011—Oral Radiology

3 units

Prerequisites: Completion of Program Prerequisites as stipulated by the American Dental Association.

2 hours lecture, 3 hours lab weekly

Course teaches the fundamentals of radiation safety and the operation of dental radiology equipment, along with the clinical application of procedures involved in exposing, processing, mounting and interpreting dental roentgenograms.

DH R012—Head and Neck Anatomy

2 units

Prerequisites: Completion of Program Prerequisites as stipulated by the American Dental Association.

2 hours lecture, 1 hour lab weekly

Course studies the anatomical structures of the head and neck regions and relates these structures to the clinical practice of Dental Hygiene.

DH R013—Dental Health Education Seminar

1 unit

Prerequisites: Completion of Program Prerequisites as stipulated by the American Dental Association.

1 hour lecture weekly

Course teaches the principles and practices of prevention and control of dental disease with emphasis on nutrition, plaque control, motivation, and chairside patient education.

DH R014—Introduction to Dental Hygiene Practice

3 units

Prerequisites: Completion of Program Prerequisites as stipulated by the American Dental Association.

3 hours lecture weekly

Introduction to all theoretical and didactic components of dental hygiene practice.

DH R015—Introduction to PreClinic/Clinic

2 units

Prerequisites: Completion of Program Prerequisites as stipulated by the American Dental Association.

6 hours lab weekly

Introduction to all clinical procedures and skills needed for dental hygiene practice. Materials fee is required.

DH R020—Local Anesthesia and Nitrous Oxide

2 units

Prerequisites: Successful completion of all first semester Dental Hygiene Program courses, as stipulated by the American Dental Association.

1 hour lecture, 3 hours lab weekly

A course to teach pharmacology, physiology, and proper use of local anesthetic agents. The course also teaches the anatomy of the trigeminal nerve, physiology of nerve conduction, how anesthesia works and prevention and management of emergencies.

DH R021—General and Oral Pathology

4 units

Prerequisites: Successful completion of all first semester Dental Hygiene Program courses, as stipulated by the American Dental Association.

4 hours lecture weekly

Study of the pathological processes of inflammation, immunology defense, degeneration, neoplasm, developmental disorders, and healing and repair. Recognition of abnormalities in the human body with a special emphasis on normal and abnormal conditions in the oral cavity.

DH R022—Pharmacology

2 units

Prerequisites: Successful completion of all first semester Dental Hygiene Program courses, as stipulated by the American Dental Association.

2 hours lecture weekly

Classification and study of drugs according to origin, physical and chemical properties, therapeutic effect and values particularly of drugs used in dentistry.

DH R023—Clinical Practice I

3 units

Prerequisites: Successful completion of all first semester Dental Hygiene Program courses, as stipulated by the American Dental Association.

9 hours lab weekly

Course provides beginning clinical experience in the treatment of adult and child patients. Various clinical procedures utilizing scaling and polishing techniques, extra-oral and intra-oral inspections, cancer screening, dental and periodontal charting, plaque control instructions and topical fluoride application will be put into supervised practice. Materials fee is required.

DH R024—Clinic I Seminar

3 units

Prerequisites: Successful completion of all first semester Dental Hygiene Program courses.

3 hours lecture weekly.

This course is designed to provide additional didactic material for clinical procedures which students apply in clinical situations. Information presented in previous clinic/patient treatment-related courses is reviewed. Clinical issues and cases are reviewed and discussed.

DH R025—Periodontics I

2 units

Prerequisites: Successful completion of all first semester Dental Hygiene Program courses, as stipulated by the American Dental Association.

2 hours lecture weekly

Course in periodontics teaching identification of the normal periodontium and recognition of deviations from normal; the etiology and principles of periodontal diseases, examination procedures, treatment and preventive measures.

DH R030—Special Patients/Geriatrics

1 unit

Prerequisites: Successful completion of all second semester Dental Hygiene Program courses, as stipulated by the American Dental Association.

1 hour lecture weekly

This course teaches characteristics and management of individual patients, motivation, and interpersonal communication. Treatment of the compromised patient and myofunctional therapy is presented.

DH R031—Nutrition in Dentistry

1 unit

Prerequisites: Successful completion of all second semester Dental Hygiene Program courses, as stipulated by the American Dental Association.

1 hour lecture weekly

Course provides basic principles of nutrition and their relationship to dental health. Students perform dietary surveys on clinic patients and plan nutritional dietary programs.

DH R032—Dental Materials

2 units

Prerequisites: Successful completion of all second semester Dental Hygiene Program courses, as stipulated by the American Dental Association.

1 hour lecture, 3 hours lab weekly

Course teaches the composition and use of various materials used in dental procedures, and the fundamentals of chairside assisting while using dental materials. The concepts of the entire dental team in performing responsibilities in the care of oral dentition are covered.

DH R033—Clinic II Seminar

2 units

Prerequisites: Successful completion of all second semester Dental Hygiene Program courses, as stipulated by the American Dental Association.

2 hours lecture weekly

Course expands knowledge of comprehensive dental hygiene care through lectures and group discussions.

DH R034—Clinical Practice II

4 units

Prerequisites: Successful completion of all second semester Dental Hygiene Program courses, as stipulated by the American Dental Association.

12 hours lab weekly

Course provides intermediate experience in the treatment of dental hygiene patients to expand on the procedures and techniques introduced in Introduction to Clinic and Clinical Practice I and provides additional experience on more difficult cases. Materials fee is required.

DH R035—Periodontics II

2 units

Prerequisites: Successful completion of all second semester Dental Hygiene Program courses, as stipulated by the American Dental Association.

2 hours lecture weekly

A course to enhance assessment skills applicable to the treatment of patients with advanced periodontal disease. Teaches the dental hygienist ethical and clinical responsibility in periodontal disorders and the relationship of the specialty practice of periodontics within the broad scope of dentistry and the legal ramifications thereof.

DH R036—Community Oral Health I**2 units**

Prerequisites: Successful completion of all second semester Dental Hygiene Program courses, as stipulated by the American Dental Association.
2 hours lecture weekly

This course introduces students to the principles and practices of dental public health. The emphasis is placed on the role of the dental hygienist as an innovator of and educator in community health programs. Public health issues will be introduced and discussed.

DH R040—Advanced Clinical Topics**2 units**

Prerequisites: Successful completion of all third semester Dental Hygiene Program courses, as stipulated by the American Dental Association.
1 hour lecture, 3 hours lab weekly

Course emphasizes advanced dental hygiene skills and procedures, state board patient selection, ways to minimize occupational hazards common to dental practice, and interactional skill development for the dental practice.

DH R041—Practice Management**1 unit**

Prerequisites: Successful completion of all third semester Dental Hygiene Program courses, as stipulated by the American Dental Association.
1 hour lecture weekly

Course in office practice management; ethical and legal aspects of dentistry and dental hygiene, and business matters relating to dental hygiene practice.

DH R042—Clinic III Seminar**2 units**

Prerequisites: Successful completion of all third semester Dental Hygiene Program courses, as stipulated by the American Dental Association.
2 hours lecture weekly

Course emphasizes advanced treatment planning and treatment of advanced periodontal patients. State Board review, application, and preparation will be emphasized also.

DH R043—Clinical Practice III**4 units**

Prerequisites: Successful completion of all third semester Dental Hygiene Program courses, as stipulated by the American Dental Association.
12 hours lab weekly

Course provides students with the opportunity to become more proficient in the clinical skills learned and practiced in previous clinical courses and prepares them for success on their state and national board examinations. Materials fee is required.

DH R044—Community Oral Health II**1 unit**

Prerequisites: Successful completion of all third semester Dental Hygiene Program courses, as stipulated by the American Dental Association.
3 hours lab weekly

Laboratory practice in a community setting of the principles of dental public health as they relate to both children and adult populations.

DH R045—Ethics and Jurisprudence**2 units**

Prerequisites: Successful completion of all third semester Dental Hygiene Program courses, as stipulated by the American Dental Association.
2 hours lecture weekly

Study of the fundamental factors necessary to be employed and practiced within the ethical and legal framework of the state Dental Practice Act and the Code of Ethics of the American Dental Association.

DH R050—Clinical Practice IV**1 unit**

Prerequisites: Successful completion of all fourth semester Dental Hygiene Program courses, as stipulated by the American Dental Association.
8 hours lab for 6 weeks.

Provides clinical practice for students as they prepare to take the State Board Examination. Materials fee is required. (1)

DH R051—Clinical Skills Review**½ unit**

Prerequisites: Completion of the Dental Hygiene Program.
1½ hours lab weekly

This course will provide the opportunity for additional instruction in dental hygiene clinical skills and related studies. Field trips may be required. Not applicable for degree credit. Course may be taken four times. (1)

DH R098—Short Courses in Dental Hygiene**½-10 units**

Lecture and/or lab hours as required by unit formula

Specialized topics designed to inform or update interested persons in various disciplines within the Dental Hygiene field. Length of course determines unit credit.

NOTE: The course listed below has been temporarily suspended. For further information, please contact the Math, Science & Health division office.

DH 1 Pre-Dental Hygiene

ECONOMICS

Career Opportunities

Computer Research	Statistician
Insurance Agent	Broker
Buyer	Auditor
Cost Accountant	Credit Analyst
Data Processing	Investment Analyst
Financial Planner	Labor Relations Specialist
Purchasing Agent	Real Estate Agent
Bank Trust Officer	Urban Planner
Marketing/Office Manager	
Economist and Marketing Research	

Faculty

Full-Time	Part-Time
Ishita Edwards	Philip Bohan
Desmond Jones	Fred Davis
	Basil Ibegulam
	Robert Neumuller

◆ Economics

Associate in Arts Degree

Required Courses:	Units
ECON R100 The American Economy	3
ECON R101 Principles of Macroeconomics	3
ECON R102 Principles of Microeconomics	3
ECON R199 Directed Studies in Economics (Research Project)	3
	12

Elective Courses:

	Units
In addition, majors shall take six units from the following:	
ANTH R102 Cultural Anthropology	3
BIOL R106 The Human Environment	3
BUS R101A Accounting Principles I	3
BUS R101B Accounting Principles II	3
ECON R103 Introductory Statistics for Business and Economics	3
HIST R104 History of California	3
HIST R105 Introduction to Western Civilization I	3
HIST R106 Introduction to Western Civilization II	3
MATH R105 Introductory Statistics	4
MATH R106 Mathematics for Business Applications	5
MATH R136 Computer Programming, BASIC	3
PHIL R111 Critical Thinking	3
POLS R100 Introduction to Politics	3
POLS R101 Government of the United States: Institutions/Politics	3
POLS R102 Government of the United States: Institutions/Laws	3
POLS R104 International Relations	3
POLS R105 Current Issues in Domestic and Foreign Politics	3
POLS R106 Political Aspects of Economic Problems	3

Total Required Units 18

Economics Courses

ECON R100—The Modern American Economy 3 units

3 hours lecture weekly

Course describes elements of the national and international economy of interest to the intelligent citizen. Surveys evolution of the present economy, roles of government, business, and labor in it; decisions of production, distribution, and exchange and problems of unemployment and inflation. Field trips may be required. Course may be taken four times. (2)

Transfer credit: UC, CSU

ECON R101—Principles of Macroeconomics 3 units

3 hours lecture weekly

Course introduces the student to the forces which shape the present day economy and considers the interrelations of the factors of production and the interplay among government, business and labor in facing the problems occasioned by inflation, unemployment, and economic growth in an increasingly integrated economic world. Field trips may be required. (2)

Transfer credit: UC, CSU (CAN: ECON 2)

ECON R102—Principles of Microeconomics 3 units

3 hours lecture weekly

Course examines the function of the market mechanism, its strengths and weaknesses, the role of the consumer in the modern economy and the ways in which firms are structured to perform their roles of producers, employers and profit makers. Questions of regulation and monopolies, the labor market and sector economies will be discussed. Field trips may be required. (2)

Transfer credit: UC, CSU (CAN: ECON 4)

ECON R103—Introductory Statistics for Business and Economics 3 units

Advisory: MATH R014.

3 hours lecture weekly

Descriptive and analytical statistics as applicable in fields of business, economics and other social sciences. Covered will be measures of location, dispersion, sampling distribution, estimation and hypothesis testing, regression and correlation analysis; analysis of variance and some basic non-parametric tests, such as Chi-Square. Students introduced to use of computer software (MINITAB) in data analysis. (2)

Transfer credit: UC, CSU

ECON R103L—Introductory Statistics for Economics and Business Lab 1 unit

Advisory: ECON R103 or concurrent enrollment; MATH R014 with a grade of C or better, or equivalent recommended.

3 hours lab weekly

Computer exercises using statistical software assists the learning of descriptive and analytical statistics. Included will be a research project requiring use of computer software in statistical analysis. Materials fee is required. Course may be taken two times. (2)

Transfer credit: CSU

ECON R199—Directed Studies in Economics 1-3 units

Prerequisites: A course in the specific field.

Lecture and/or lab hours as required by unit formula

Designed for the curious and responsible student who has already demonstrated sufficient proficiency in Economics. Intent is to permit by means of independent study student's further pursuit of Economics. Course may be taken two times.

Transfer credit: UC, CSU

EDUCATIONAL ASSISTANCE CENTER

The courses described below have been designed to meet the special instructional needs of students with disabilities and to prepare the students for certificate and degree programs in line with the mission of the College.

Faculty

Full-Time	Part-Time	Counselor
Tom Barth	Julie Lovejoy	Leo Orange
Carole Frick	Priscilla McMurtry	
Liesel Toles	Val Perelman	
Ellen Young	Mary Taylor-Parr	

Assistive Computer Technology Courses

ACT R001—Introduction to Assistive Technology 2 units

1 hour lecture, 3 hours lab weekly

This course provides in-depth computer access evaluation to determine the appropriate access environment for students with a disability or multiple disabilities. Likely participants would include multiply-handicapped, severely physically disabled, students with acquired brain injuries resulting in secondary orthopedic and/or visual disabilities, re-entering disabled older students, blind or other students on recommendation of instructional staff. Not applicable for degree credit. Course may be taken four times. (1)

ACT R002—Keyboarding 2 units

1 hour lecture, 3 hours lab weekly

This course teaches keyboarding basics to disabled students who must use adaptive technologies for successful access to the keyboard or screen and/or are unable to successfully complete a mainstream typing course. Not applicable for degree credit. Course may be taken four times. (2)

ACT R011—Computer-Aided Learning 1 unit

1/2 hour lecture, 1/2 hours lab weekly

Computer-assisted instruction in basic academic skills. Course may include fundamental word processing to assist students in completing classroom assignments, such as daily homework and term papers. Not applicable for degree credit. Course may be taken four times. (1)

Disability Studies Courses

DST R002—Introduction to Learning Disability 1 unit

1 hour lecture weekly

The course will introduce basic legal aspects, definition of learning disabilities, and adult characteristics regarding learning disabilities. The student will study the effect of learning disabilities on the individual, the family, employment, and social interaction. Not applicable for degree credit. Course may be taken two times. (2)

DST R003—Learning Disability Testing 1/2 unit

1 1/2 hours lab weekly

This course is designed to provide information regarding students' academic achievement, modality strengths and weaknesses, and learning styles. Eligibility to receive educational support services as a learning disabled student, as defined by the Chancellor's Office of the California Community Colleges, may result from completion of this course. Not applicable for degree credit. Course may be taken two times. (1)

DST R098—Topics in Disability 1/2-10 units

Lecture and/or lab hours as required by unit formula

Special topics in Special Education designed to meet the needs of handicapped students. Field trips may be required. Not applicable for degree credit. Course may be taken four times. (2)

Employment Preparation Courses

EMP R001—Personal Development 3 units

3 hours lecture weekly

This course provides an opportunity for persons with disabilities to move beyond the traditional educational setting in making plans for their lives. Small group and lecture formats are used as students review goal-setting, decision-making, disability-related law, problem-solving and personal advocacy. Course may be taken four times. (2)

EMP R004—Pre-Employment Skills 2 units

2 hours lecture weekly

This class will help students with disabilities who have no or very little work experience. This introduction to the world of work will include the vocabulary of employment, social skills, personal presentation, identification of strengths and needs in an employment setting. Course may be taken four times. (2)

EMP R005—Job Seeking Strategies 2 units

2 hours lecture weekly

This course is for students with disabilities who wish to improve their job-seeking skills and will help students become better acquainted with their rights and obligations as employees. Topics will include decision-making, interview techniques, strategies for completing applications, and employer/employee responsibilities. Course may be taken four times. (2)

EMP R006—Career Exploration 2 units

2 hours lecture weekly

This course is designed to give students with disabilities an overview of occupational choices in light of interests, abilities, education, experience and research of employment trends. Legal protections and requirements will be examined in regard to current legislation. Assignments will include job shadowing, job try-out, and Internet job search. Job coaching will be available, if required. Field trips may be required. Course may be taken four times. (2)

Learning Skills Courses

LS R002—Improving Learning 3 units

3 hours lecture weekly

Foundation course designed to improve learning efficiency through perceptual exercises, body coordination and skill development. Each student will receive individual instruction in his/her learning deficiencies such as reading, math, spelling, writing, and memory improvement. Not applicable for degree credit. Course may be taken four times.

LS R003—Study Skills/LD Students 3 units

3 hour lecture weekly

Course focuses upon fundamental principles of study skills, designed for students who need a specialized approach. Not applicable for degree credit. Course may be taken four times.

LS R004—English Grammar for Deaf Students 3 units

3 hours lecture weekly

This class is for deaf or hard-of-hearing students who require instruction in English grammar and whose native language is American Sign Language (ASL). Includes comparisons of grammatical differences between English and ASL, identification of the parts of English speech, vocabulary development, organizing written concepts, and exploration of software programs designed specifically for improving deaf students' English skills. Course will be conducted in ASL. Not applicable for degree credit. Course may be taken four times. (2)

LS R005—Auditory Skills 3 units

3 hours lecture weekly

Improves basic auditory processing of learning disabled students. Lecture, individual and small group activities focus upon improving each student's weaknesses through use of relative strength areas and coping mechanisms. Not applicable for degree credit. Course may be taken four times.

LS R006—Memory Strategies 3 units

3 hours lecture weekly

This course is designed to teach students with disabilities the practical and necessary memory skills required to retain large bodies of information, to assist them in developing a system for approaching any material that must

be learned and to help in transferring acquired skills to different areas of learning. Not applicable for degree credit. Course may be taken four times. (2)

LS R008—Spelling Improvement 3 units

3 hours lecture weekly

Foundation course for Learning Disabled students to improve spelling efficiency. Special emphasis on developing spelling competence through individualized methods. Not applicable for degree credit. Course may be taken four times.

LS R009—Language and Reading 3 units

3 hours lecture weekly

This course is designed to teach students with disabilities critical and creative thinking from the investigation of language. It aims to increase the students' knowledge about thinking in general and about their own thought processes in particular. Such analysis could lead to a set of widely applicable thinking strategies and foster development of mental structures that are supportive to broad generalization in different learning situations. Not applicable for degree credit. Course may be taken four times. (2)

LS R010—Vocabulary Building 3 units

3 hours lecture weekly

This basic course focuses on specific vocabulary building techniques, independent study and individual as well as group exercises in vocabulary development. Not applicable for degree credit. Course may be taken four times. (2)

LS R014—Introduction to World Knowledge 3 units

3 hours lecture weekly

This course is an introduction to the common core of knowledge shared by contemporary residents of the United States. It is intended for students whose skill-based instruction has not included basic cultural information necessary for success in our society. Content will include foundations in fine arts, social sciences, literature and mathematics and science. Teaching techniques and class requirements will be suitable for students with disabilities. This class may be taught by a team of content area specialists and disability specialists. Field trips may be required. Not applicable for degree credit. Course may be taken four times. (2)

LS R016—Math/Learning Disabled 3 units

3 hours lecture weekly

Introduction to basic skills of mathematics including addition, subtraction, multiplication, and division. Also includes money handling, time (clock and calendar). Not applicable for degree credit. Course may be taken four times.

LS R017—Basic Reading Skills/LD 3 units

3 hours lecture weekly

Course is designed for learning disabled students who require specialized instruction for reading. Included will be diagnostic/prescriptive programming for specific word attack strategies, reinforcement of sight vocabulary approaches, basic instructional language, word fluency and automaticity, and oral and written language comprehension. Not applicable for degree credit. Course may be taken four times. (2)

LS R018—Written Language Skills 3 units

3 hours lecture weekly

Course provides preparation and foundation in basic grammar, sentence and paragraph structure, and proofreading skills. Application of basic learning strategies and the use of word processing/computers in the preparation of written composition will be taught. Not applicable for degree credit. Course may be taken four times. (2)

LS R098—Topics in Learning Strategies 1/2-10 units

Lecture and/or lab hours as required by unit formula

Selected topics in learning skills area designed to meet the needs of learning disabled students. Field trips may be required. Not applicable for degree credit. Course may be taken four times. (2)

Physical Education Courses

PE R151—Adapted Aquatics

PE R152—Adapted Movement Exploration

PE R153—Adapted Individual/Dual/Team Sports

PE R154—Adapted Body Conditioning

Refer to the Physical Education section of the catalog for full course information.

Special Education Courses

SPED R001—Survey of Disabilities 3 units

3 hours lecture weekly

Overview of historical, social, medical, recreational, and educational implications of various physical and learning disabilities. Practical experience in simulated situations to provide insights in the area of disabilities. Designed for the disabled student or anyone interested in working with the disabled. Not applicable for degree credit.

SPED R004—Language Development 1 unit

1 hour lecture weekly

Course designed for students experiencing difficulty with their speech including lisping, stuttering, and other related speech problems. Not applicable for degree credit. Course may be taken four times.

SPED R012—Issues for Deaf Students 3 units

Prerequisites: Verification of disability.

3 hours lecture weekly

Designed to teach deaf students fundamentals of mass media and news reporting with emphasis on discussion and understanding contemporary issues. Media such as television, radio, newspapers, and magazines studied regarding information organization, advertisements, news articles, job opportunities, and news commentaries. Instruction presented in American Sign Language. Not applicable for degree credit. Course may be taken four times.

SPED R030—Career Evaluation 1 unit

½ hour lecture, 1½ hours lab weekly

Course designed to assist students in exploring present vocational interests and abilities. Each student will have an individual evaluation of his/her aptitude for occupations based upon exploration of various job-related tasks regardless of work history or past work skills. Not applicable for degree credit.

ELECTRONICS

In this ever-changing technological environment, it is beneficial to acquire some knowledge of electronics.

Career Opportunities

Electronic Assembly	Electronic Sales
Electronics Assembly Supervisor	Computer Repair

Faculty

Full-Time	Counselor
Victor Fuentes	Daniel Goicoechea

◆ Applied Electronics

Associate in Science Degree

Certificate of Achievement

Required Core Courses

	Units
EL R010	Electronic Assembly 4
EL R011	Micro-Electronic Assembly 4
EL R050	Introduction to Applied Electronics 4
EL R051	Electrical/Mechanical Drawing 4
EL R052	Industrial Electronics/AC 4
Complete at least two of the following:	
ENGT R100	Engineering Tech Math 4
EL R012A	Equipment Repair/Radio 4
EL R012B	Equipment Repair/TVs 4
EL R012C	Equipment Repair/VCRs 4
EL R099	Directed Studies in Electronics 1-3

Total Required Units 25-29

Electronics Courses

EL R008—Electronics for C.E.T. Exam 4 units

Prerequisites: EL R004 or equivalent.

3 hours lecture, 3 hours lab weekly

Study of electronic components, equipment measurements and troubleshooting methods to prepare students for Certified Electronics Technician exam.

EL R009—Electronic Measurements 4 units

Prerequisites: EL R001 or equivalent and EL R004.

3 hours lecture, 3 hours lab weekly

Students will be introduced to test equipment and other instruments used in the electronics industry. Included are the study of analog and digital meters, oscilloscopes, signal generators, frequency and SWR meters.

EL R010—Electronic Assembly 4 units

3 hours lecture, 3 hours lab weekly

Study of electronic assembly including blueprint reading, component preparation, soldering techniques, PB board rework, wire wrap and mil specs. Course may be taken two times.

EL R011—Micro-Electronics Assembly 4 units

Prerequisites: EL R010.

3 hours lecture, 3 hours lab weekly

Study of advanced electronics assembly including surface mount technology, hybrid processes, and micro-electronics. Other topics include die attachment, wire bonding, and military standards. Course may be taken two times.

EL R012A—Equipment Repair/Radios 4 units

Prerequisites: EL R010 or EL R050 or equivalent.

2 hours lecture, 6 hours lab weekly

Course offers theory and testing of high fidelity stereos, AM/FM radios, cassette players, and CD players. Special emphasis is given to safety procedures and the use of equipment and tools. Students will study common circuit configurations, adjustments, signal tracing, trouble shooting, and repair production. Course may be taken two times.

EL R012B—Equipment Repair/TVs 4 units

Prerequisites: EL R012A or EL R010 or EL R050 or equivalent.

2 hours lecture, 6 hours lab weekly

Course familiarizes students with an understanding of the television receiver and black and white, color and video monitors, as well as recognize symptoms, schematic circuits, block diagrams, use of the test equipment, troubleshooting and location of defective components. All the theory will be discussed in a very practical manner for easy understanding.

EL R012C—Equipment Repair/VCRs 4 units

Prerequisites: EL R010, EL R050 or equivalent.

2 hours lecture, 6 hours lab weekly

Course offers theory and practice of repair, preventative maintenance and calibration of video cassette recorders (VCRs). Special emphasis is given to safety procedures and the use of test equipment and tools. Students will study common circuit configurations, adjustments, signal tracing, troubleshooting and repair.

EL R026—National Electrical Code (N.E.C.) 3 units

3 hours lecture weekly

Course covers National Electrical Code (N.E.C.) for single family and multi-family dwellings, commercial and industrial locations and special hazardous locations. Course may be taken two times.

EL R050—Introduction to Applied Electronics 4 units

Prerequisites: EL R010 or equivalent.

3 hours lecture, 3 hours lab weekly

Classroom study of DC theory, Ohm's law, series and parallel circuits, voltage dividers, basic math and algebra required for Kirchoff's law, superposition and Thevenin's theorems, calculator use and practice problems, capacitors, inductors, and RCRL Time Constant. Students will be given a comprehensive presentation of the physical and mathematical laws for DC electronics circuits. Principles will be applied in the lab setting.

EL R051—Electrical/Mechanical Drawing 4 units

3 hours lecture, 3 hours lab weekly

Study of electrical and mechanical schematics, drawings, and blueprints. Includes both reading and drawing of commonly used symbols for electronic and mechanical equipment.

EL R052—Industrial Electronics/AC**4 units**

Prerequisites: EL R050 or EL R051.
 3 hours lecture, 3 hours lab weekly

Course includes application of electronics in the industrial and manufacturing setting. Numerical controls, heat sensing, and switching systems covered. Lab experiments. Field trips may be required.

EL R053—Industrial Electronics Projects**3 units**

Prerequisites: EL R050 and EL R051 or equivalent.
 2½ hours lecture, 1½ hours lab weekly

Course familiarizes students with common electronic laboratory practices. Covers color codes, circuits, Ohm's law, and use of measuring devices. Field trips may be required.

EL R098—Short Courses in Electronics**½-10 units**

Lecture and/or lab hours as required by unit formula

Specialized topics designed to inform or update interested persons in various disciplines within the field of Electronics. Unit credit determined by length of course.

EL R099—Directed Studies in Electronics**1-3 units**

Prerequisites: EL R003, EL R004.

Lecture and/or lab hours as required by unit formula

Designed for students interested in furthering their knowledge of electronics on an independent study basis. (2)

NOTE: The courses listed below have been temporarily suspended. For further information, please contact the Business/Technology division office.

El 1	Math for Electronics I
El 2	D-C Fundamentals and Solid State Devices
El 3	Introduction to Digital Concepts
El 4	A-C Fundamentals and Solid State Circuits
El 5	Digital Circuits
El 6	Electro-Mechanical Systems
El 7	Electronic Circuits

ENGINEERING

Faculty

Full-Time	Part-Time
Ed Lynch	John Craig
	Jess Sandoval
	Gerald Wygant

Engineering Courses**ENGR R100—Introduction to Engineering****2 units**

1 hour lecture, 3 hours lab weekly

Study of engineering, including the professions's requirements, opportunities, and responsibilities. Through lab assignments, students will be introduced to some of the computer skills needed in the engineering profession, such as word processing, spreadsheets, computer-aided design using the Internet and e-mail communications.

Transfer credit: UC, CSU

ENGR R105—Introduction to Engineering Design**3 units**

1 hour lecture, 6 hours lab weekly

Course designed to further students' understanding of the engineering profession by means of lecture/laboratory on systematic design techniques of engineering graphics, such as views, projections, sections, intersections developments, symbols used in mechanical and electrical drawings, materials and parts specifications, dimensioning, fits and tolerances. Frechand sketching and computer-aided design and drafting (CADD) systems are used.

Transfer credit: UC, CSU

ENGR R110—Engineering Materials**3 units**

Prerequisites: CHEM R120.
 3 hours lecture weekly

This introductory course on engineering properties of materials applies basic principles of atomic and crystal structure of solids to the study of properties, and to selection and use of engineering materials.

Transfer credit: UC, CSU

ENGR R115—Engineering Statics and Strength of Materials**4 units**

Prerequisites: MATH R121, ENGR R110.
 4 hours lecture weekly

Course covers equivalent force systems, free body diagrams and equilibrium, structural mechanics, behavior of deformable solids, stress and strain, tension, compression, flexure, torsion, beams, columns, statically indeterminate problems, multi-axial stresses, theories of strength. Course uses vector analysis and calculus.

Transfer credit: UC, CSU

ENGINEERING TECHNOLOGY

Emphasis of this program is on practical skills for engineering technicians.

Career Opportunities

Fiber Optic Installer	Fiber Optic Technician
Programmable Logic Devices Technician	

Faculty

Full-Time	Part-Time	Counselor
Ed Lynch	John Craig	Daniel Goicoechea
	Dirk DeKreek	
	Jess Sandoval	
	Gerald Wygant	

◆ Computer Networking**Certificate of Achievement**

Required CORE Courses:	Units
ENGT/CIS R050 Computer Networking I	2
OR	
ENGT/CIS R060 Networking Essentials	4
ENGT/CIS R070 A+ Core Module Prep	2
ENGT/CIS R071 A+ DOS/Windows Module Prep	2
ENGT R110 Direct Current Engineering	4
ENGT R111 Alternating Current Engineering	4

Total CORE Courses 14 - 16

Option I - CISCO Certified Networking Associate (CCNA) Units

ENGT/CIS R051 Computer Networking II	2
ENGT/CIS R052 Computer Networking III	2
ENGT/CIS R053 Computer Networking IV	2
ENGT/CIS R056 Computer Networking Design	4
ENGT R112 Digital Engineering	4

Total Option I + CORE 28 - 30

Option II - Microsoft Certified Systems Engineer (MCSE) Units

ENGT/CIS R061 Windows NT Workstation	4
ENGT/CIS R062 Windows NT Server	4
ENGT/CIS R063 Windows NT in the Enterprise	4
ENGT/CIS R064 TCP/IP on Windows NT	4
ENGT/CIS R065 Internet Information Server 4	4

Total Option II + CORE 34 - 36

◆ CISCO (CCNA)

Associate in Science Degree Certificate of Achievement*

		Units
First Semester:		
ENGT/CIS R070	A+ Core Module Prep	2
ENGT/CIS R071	A+ DOS/Windows Module Prep	2
ENGT R110	Direct Current Engineering	4
Total for Certificate Only		8
One English Composition Course		4
One Analytical Thinking Course		3 - 5
Total for Degree/Certificate		15 - 17
Second Semester:		
ENGT/CIS R050	Computer Networking I	2
ENGT/CIS R051	Computer Networking II	2
ENGT R111	Alternating Current Engineering	4
Total for Certificate Only		8
One Physical Education Course		2
One Social & Behavioral Science Course		3
Total for Degree/Certificate		13
Third Semester:		
ENGT/CIS R052	Computer Networking III	2
ENGT/CIS R053	Computer Networking IV	2
ENGT R112	Digital Engineering	4
Total for Certificate Only		8
One American History Course		3
One Humanities Course		3
Total for Degree/Certificate		14
Fourth Semester:		
ENGT/CIS R056	Computer Networking Design	4
One Physical Science Course		3 - 5
One Biological Science Course		4
One Fine Arts Course		3
One Health Education Course		3
One Ethnic Studies Course		3
Total for Degree/Certificate		20 - 22

*The requirements for the Certificate of Achievement can be completed in three semesters.

◆ Microsoft Certified Engineer (MCSE)

Associate in Science Degree Certificate of Achievement*

		Units
First Semester:		
ENGT/CIS R070	A+ Core Module Prep	2
ENGT/CIS R071	A+ DOS/Windows Module Prep	2
ENGT R110	Direct Current Engineering	4
Total for Certificate Only		8
One English Composition Course		4
One Analytical Thinking Course		3 - 5
Total for Degree/Certificate		15 - 17
Second Semester:		
ENGT/CIS R060	Networking Essentials	4
ENGT/CIS R061	Windows NT Workstation	4
ENGT R111	Alternating Current Engineering	4
Total for Certificate Only		12
One Physical Education Course		2
One Social & Behavioral Science Course		3
Total for Degree/Certificate		17

Third Semester:

ENGT/CIS R062	Windows NT Server	4
ENGT/CIS R063	Windows NT in the Enterprise	4
ENGT R112	Digital Engineering	4
Total for Certificate Only		12
One American History Course		3
One Humanities Course		3
Total for Degree/Certificate		18

Fourth Semester:

ENGT/CIS R064	TCP/IP on Windows NT	4
ENGT/CIS R065	Internet Info Server 4	4
Total for Certificate Only		8
One Physical Science Course		3 - 5
One Biological Science Course		4
One Fine Arts Course		3
One Health Education Course		3
Total for Degree/Certificate		21 - 23

◆ Engineering Technology*

Certificate Program (designed to prepare students to work as engineering technicians).

ENGT R100	Engineering Tech Math	4
ENGT R101	Engineering Fundamentals	4
ENGT R110	Direct Current Engineering	4
ENGT R111	Alternating Current Engineering	4
ENGT R112	Digital Engineering	4
ENGT R113	Circuits Engineering	4
ENGT R114	Introduction to Programmable Logic Controllers	4
ENGT R115	Advanced Programmable Logic Controllers	4
ENGR R100	Introduction to Engineering	2
ENGR R105	Introduction to Engineering Design	3
CHEM R110	Elementary Chemistry	5

Total Required Units 42

Engineering Tech Transfer Program (designed to prepare students with weak math and science skills to transfer to a college or university, i.e., Cal State LA, Cal State Long Beach, Cal State Sacramento, Cal Poly Pomona).

ENGT R100	Engineering Math Preparation	4
ENGT R101	Engineering Fundamentals	4
ENGT R110	Direct Current Engineering	4
ENGT R111	Alternating Current Engineering	4
ENGT R112	Digital Engineering	4
ENGT R113	Circuits Engineering	4
ENGR R100	Introduction to Engineering	2
ENGR R105	Introduction to Engineering Design	3
ENGR R110	Engineering Materials	3
MATH R120*	Calculus with Analytic Geometry I	5
CHEM R120	General Chemistry I	5

Total Required Units 42

*Placement in this course depends on the score on the Math Assessment course; students may have to complete preparatory courses if scores are not high enough.

Engineering Technology Courses

ENGT R040—PC Repair and Upgrade **4 units** (New Course-Fall 2001)

2 hours lecture, 6 hours lab weekly

This is an introductory course in the repair and upgrade of personal computers. It is for those students desiring hands-on experience in computer repair and upgrade but are not prepared for the more rigorous certification courses. Subjects include safety, troubleshooting, assembly, hardware upgrades, memory upgrades, and operating system upgrades. Field trips may be required.

ENGT R050—Computer Networking I	2 units	ENGT R063—Windows NT in the Enterprise	4 units
<i>Prerequisites:</i> Working knowledge Windows 95. 1 hour lecture, 3 hours lab weekly		<i>3 hours lecture, 3 hours lab weekly.</i>	
This is the first course in a four-course series designed to provide students with classroom and laboratory experience in current and emerging computer networking technology. Instruction includes LANs, WANs, OSI models, IP addressing and router programming. Those completing the four-course series are eligible to take the CISCO Certified Networking Associate certification exam. Field trips may be required. Course may be taken two times. (Same as CIS R050) (2)		This course prepares students to take Microsoft's "Implementing and Supporting Windows NT Server 4.0 in the Enterprise" certification exam. Subjects include director services, advanced network configuration, configuring Internet services, and troubleshooting. Field trips may be required. Course may be taken two times. (Same as CIS R063)	
ENGT R051—Computer Networking II	2 units	ENGT R064—TCP/IP on Windows NT	4 units
<i>Prerequisites:</i> ENGT R050 or CIS R050. 1 hour lecture, 3 hours lab weekly		<i>3 hours lecture, 3 hours lab weekly.</i>	
This is the second course in a four-course series designed to provide students with classroom and laboratory experience in current and emerging computer networking technology. Intermediate level instruction in LANs, WANs, OSI models, IP addressing and router programming is provided. Those completing the four-course series are eligible to take the CISCO Certified Networking Associate certification exam. Field trips may be required. Course may be taken two times. (Same as CIS R051) (2)		This course prepares students to take Microsoft's "Internetworking with TCP/IP on Windows NT" certification exam. Subjects include installing and configuring TCP/IP, RAS servers, monitoring TCP/IPO traffic, and troubleshooting. Field trips may be required. Course may be taken two times. (Same as CIS R064)	
ENGT R052—Computer Networking III	2 units	ENGT R065—Internet Info Server 4	4 units
<i>Prerequisites:</i> ENGT R051 or CIS R051. 1 hour lecture, 3 hours lab weekly		<i>3 hours lecture, 3 hours lab weekly.</i>	
This is third course in a four-course series designed to provide students with classroom and laboratory experience in current and emerging computer networking technology. Those completing the four-course series are eligible to take the CISCO Certified Networking Associate certification exam. Instruction includes LAN switching, VLANs, LAN design, IGRP, and Novel IPX. Field trips may be required. Course may be taken two times. (Same as CIS R052) (2)		This course prepares students to take Microsoft's "Internet Information Server 4" certification exam. Subjects include installing and configuring Internet Information Server (IIS), configuring and managing Resource Access, monitoring IIS, and troubleshooting. Field trips may be required. Course may be taken two times. (Same as CIS R065)	
ENGT R053—Computer Networking IV	2 units	ENGT R070—A+ Core Module Prep	2 units
<i>Prerequisites:</i> ENGT R052 or CIS R052. 1 hour lecture, 3 hours lab weekly.		<i>1 hour lecture, 3 hours lab weekly.</i>	
This is the fourth course in a four-course series designed to provide students with classroom and laboratory experience in current and emerging computer networking technology. Those completing the four-course series are eligible to take the CISCO Certified Networking Associate certification exam. Instruction includes Wide Area Networking, WAN design, PPP, ISDN, and Frame Relay. Field trips may be required. Course may be taken two times. (Same as CIS R053) (2)		This course provides instruction in computer repair and upgrade. It prepares students to take the first of two required exams for A+ certification. Field trips may be required. Course may be taken two times. (Same as CIS R070)	
ENGT R056—Computer Networking Design	4 units	ENGT R071—A+ DOS/Windows Module Prep	2 units
<i>Prerequisites:</i> ENGT R053 or CIS R053. 3 hours lecture, 3 hours lab weekly		<i>1 hour lecture, 3 hours lab weekly.</i>	
This course provides the student with the knowledge to design a computer network for a small to medium sized business. The course also prepares the student for the CISCO Certified Design Associate (CCDA) certification exam. Field trips may be required. (Same as CIS R056)		This course provides instruction in computer repair and upgrade. It prepares students to take the second of two required exams for A+ certification. Field trips may be required. Course may be taken two times. (Same as CIS R071)	
ENGT R060—Networking Essentials	4 units	ENGT R098—Short Courses in	
<i>3 hours lecture, 3 hours lab weekly.</i>		Engineering Technology	1/2-10 units
This course is designed to enable students to learn the principles of computer networking using common networking devices and to prepare for the Microsoft Networking Essentials certification exam. This is the first course in a six-course series that leads to certification as a Microsoft Certified Systems Engineer (MCSE). Field trips may be required. Course may be taken two times. (Same as CIS R060)		<i>Lecture/lab hours depending on unit formula.</i>	
ENGT R061—Windows NT Workstation	4 units	Specialized topics designed to inform or update interested persons in various disciplines within the engineering technology industry. Length of course determines unit credit. Field trips may be required. Course may be taken four times. (2)	
<i>3 hours lecture, 3 hours lab weekly.</i>		ENGT R100—Engineering Tech Math	4 units
This course prepares students to take Microsoft's "Implementing and Supporting Windows NT Workstation 4.0" certification exam. Subjects include configuring NT workstations, optimizing network performance, and troubleshooting NT workstations. Field trips may be required. Course may be taken two times. (Same as CIS R061)		<i>3 hours lecture, 3 hours lab weekly</i>	
ENGT R062—Windows NT Server	4 units	This course helps prepare the student to solve many math problems that are vital to engineers. Included are elements of basic mathematics, algebra, natural and common logarithms, decibels, trigonometry, and polar to rectangular coordinates. (2)	
<i>3 hours lecture, 3 hours lab weekly.</i>		<i>Transfer credit: CSU</i>	
This course prepares students to take Microsoft's "Implementing and Supporting Windows NT Server 4.0" certification exam. Subjects include installing Windows NT Server, managing network components, administering, and troubleshooting Windows NT Server. Field trips may be required. Course may be taken two times. (Same as CIS R062)		ENGT R101—Engineering Fundamentals	4 units
		<i>Prerequisites:</i> ENGT R100.	
		<i>3 hours lecture, 3 hours lab weekly</i>	
		This course introduces the student to those areas of engineering that are common to all fields of engineering. These include statics, kinematics, fluids, thermodynamics, energy conversion, materials, and measurement. (2)	
		<i>Transfer credit: CSU</i>	
		ENGT R110—Direct Current Engineering	4 units
		<i>3 hours lecture, 3 hours lab weekly</i>	
		This course helps prepare the student for the more rigorous studies of direct current electrical engineering found at four-year engineering schools. Students will use various engineering techniques to design, draft, construct, test and evaluate direct current circuits. The course also helps prepare those seeking employment as engineering technicians. (2)	
		<i>Transfer credit: CSU</i>	
		ENGT R111—Alternating Current Engineering	4 units
		<i>Prerequisites:</i> ENGT R110.	
		<i>3 hours lecture, 3 hours lab weekly</i>	
		This course helps prepare the student for the more rigorous study of alternating current electrical engineering found at four-year engineering schools. Students will use various engineering techniques to design, draft,	

construct, test, and evaluate alternating current circuits. The course also helps prepare those seeking employment as engineering technicians. (2)

Transfer credit: CSU

ENGT R112—Digital Engineering **4 units**
3 hours lecture, 3 hours lab weekly

This course helps prepare the student for the more rigorous study of digital engineering found at four-year engineering schools. Students will use various engineering techniques to design, draft, construct, test and evaluate digital circuits. The course also helps prepare those seeking employment as engineering technicians. (2)

Transfer credit: CSU

ENGT R113—Circuits Engineering **4 units**
Prerequisites: ENGT R111.
3 hours lecture, 3 hours lab weekly

This course helps prepare the student for the more rigorous study of circuits engineering found at four-year engineering schools. Students will use various engineering techniques to design, draft, construct, test and evaluate electronic circuits. The course also helps prepare those seeking employment as engineering technicians. (2)

Transfer credit: CSU

ENGT R114—Introduction to Programmable Logic Controllers **4 units**

Prerequisites: ENGT R111 or AC R021.

3 hours lecture, 3 hours lab weekly

A beginning course on the principles of how PLCs work. Course provides practical information about installing, programming, and maintaining PLC systems. Course is designed to help students acquire the necessary qualifications to work in the automation industry.

Transfer credit: CSU

ENGT R115—Advanced Programmable Logic Controllers **4 units**

Prerequisites: ENGT R114.

3 hours lecture, 3 hours lab weekly

In this second course on Programmable Logic Controllers, emphasis is on advanced programming, editing, and troubleshooting. Course is designed to help students acquire the necessary qualifications to work in the automation industry.

Transfer credit: CSU

ENGLISH

Career Opportunities

B.A. Level

(Most careers require a bachelors degree)
 Copywriter Copy Editor
 Editor Journalist
 Report Writer Proofreader
 Novelist Playwright

Faculty

Full-Time

Elissa Caruth	Shelley Savren
Gaylene Croker	Vernon Simmen
Lynn Fauth	Evangeline Wilkes-Vacca
James Merrill	Beverley Young
Jeannette Redding	Anthony Rodriguez

Part-Time

Elaine Alarcon-Totten	Henny Kim
Gabriel Arquilevich	Margaret M
Hector Betancourt	Lynn Murray
Eric Boys	Patrick Newton
Arturo Burciaga	Betty Patten
Pamela Culhane	Gisela Rahmeyer
Sioban Dillon	Jerry Reed
W. Kay Doyle	Pamela Schroeder

Gwen Emmons
 Michael Englebert
 Kay Hawkins
 Elizabeth Hermes
 Jacqueline Hewitt
 Katherine Karle
 Robert Kornelsen

Peggy Smith
 Karen Sutton
 Gianna Trapani
 Guadalupe Villalpando
 Maria Villalpando
 Gildardo Villasenor
 Gay Zide

English

Associate in Arts Degree

Required Courses:

	Units
ENGL R101 College Composition	4
ENGL R102 Critical Thinking: Composition	3
ENGL R104 English Literature I	3
ENGL R105 English Literature II	3
ENGL R107 American Literature I	3
OR	
ENGL R108 American Literature II	3
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Additional Required Courses:

Complete six units from the following:

	Units
SPCH R101 Introduction to Oral Communication	3
JOUR R101 News Writing and Reporting	3
OR	
JOUR R102 Intermediate News Writing and Reporting	3
Any other English course numbered 100 or above	3
	<hr/> 6

Total Required Units 21

Only three units of Journalism may be applied to the major.

English Courses

ENGL R012—Basic Composition II **3 units**

Advisory: Satisfactory grade in ENGL R066.

3 hours lecture weekly

Spelling, grammar, punctuation, sentence structure, diction vocabulary, transitional devices, parallelism, paragraphing techniques, and theme organization will be taught and learned through numerous and varied writing assignments emphasizing techniques for improving composition. Students will receive much individual help; a diagnostic-prescriptive approach will be used. Not applicable for degree credit. Course may be taken two times.

ENGL R020—Vocational English Lab **1 unit**

3 hours lab weekly

Vocational students are more job-ready when able to write English and converse in a way that is clearly understood by their associate workers, supervisors, and customers. Likewise, ability to read English makes the vocational student more employable. Course designed to introduce non-English speaking students to use of written and oral language in their job setting. Not applicable for degree credit. Course may be taken two times. (1)

ENGL R022—Vocational English **1 unit**

3 hours laboratory weekly

Course teaches the essential skills of reading, listening and notetaking, test-taking, writing, and oral communication within context of student's vocational program. Not applicable for degree credit. Course may be taken two times. (1)

ENGL R030—English Skills **1/2-3 units**

Lecture and/or lab hours as required by unit formula

Self-instructional modules in study and communication skills. Students may enroll at any time; units will be awarded on the basis of specific module selected, time devoted, work completed, and progress made. Not applicable for degree credit. Asterisked (*) modules may be repeated for credit up to maximum units shown. (1)

ENGL R030CD—Comprehension Development **1 unit**

ENGL R030D—Writing a Research Paper **1 unit**

ENGL R030E—Taking Essay Tests **1 unit**

ENGL R030G*—Skills Brush-Up	1/2-1 1/2 units
ENGL R030K—Study Skills	1 unit
ENGL R030L—Using Library Resources	1 unit
ENGL R030N—Notetaking	1/2 unit
ENGL R030O—Objective Test Taking	1 unit
ENGL R030P—Phonics	1 unit
ENGL R030R—Speed Reading	1 unit
ENGL R030S*—Spelling	1-2 units
ENGL R030V*—Vocabulary	1-2 units
ENGL R030W—Writing Resumes	1 unit
ENGL R030Y—Tactics in Reading	1 unit

ENGL R030A—Bilingual Vocabulary Spanish/English 1 **1 unit**

1 hour lecture weekly

This is the first module of sixteen hours of study in vocabulary of Spanish and English equivalents using self-paced, mediated instruction. Not applicable for degree credit. (Same as ESL R030A) (1)

ENGL R030B—Bilingual Vocabulary Spanish/English 2 **1 unit**

1 hour lecture weekly

This is the second module of sixteen hours of study in vocabulary of Spanish and English equivalents using self-paced, mediated instruction. Not applicable for degree credit. (Same as ESL R030B) (1)

ENGL R030C—Bilingual Vocabulary Spanish/English 3 **1 unit**

1 hour lecture weekly

This is the third module of sixteen hours of study in vocabulary of Spanish and English equivalents using self-paced, mediated instruction. Not applicable for degree credit. (Same as ESL R030C) (1)

ENGL R030H—Crossroads Café 1 **1 unit**

Advisory: ESL R042 or ENGL R042.

3 hours lab weekly

This independent-study course for intermediate ESL learners is designed to develop listening skills, awareness of grammatical structures, and a knowledge of U.S.A. culture through the study of a series of nationally acclaimed videotapes. Not applicable for degree credit. Course may be taken two times. (Same as ESL R030H) (1)

ENGL R030J—Crossroads Café 2 **1 unit**

Advisory: ESL R030H or ENGL R030H.

3 hours lab weekly

This independent-study course for intermediate ESL learners is a continuation of ESL/ENGL R030H. It likewise is designed to develop listening skills, awareness of grammatical structures, and a knowledge of U.S.A. culture through the study of a series of nationally acclaimed videotapes. Not applicable for degree credit. Course may be taken two times. (Same as ESL R030J) (1)

ENGL R030T—Techniques of Tutoring **1 unit**

1 hour lecture weekly

Course provides background for students to become effective as tutors of a special subject across the curriculum. Interpersonal skills, effective tutoring techniques, available materials and equipment and how to use them will be covered. Designed for anyone who plans to or is tutoring. Approach to the topic studied is to improve effectiveness of the tutoring sessions in all subject areas. (2)

ENGL R030Z—Internet ESL Resources **1 unit**

Advisory: Completion of ESL R042, ESL R052 and ESL R062 or ENGL R042, ENGL R052 and ENGL R062.

1/2 unit lecture, 1 1/2 lab hours weekly

This course is designed for intermediate and advanced level ESL students to build Internet skills as they relate to English language learning. Reading, writing, conversation and vocabulary skills are all included. Students do not need prior experience with computers. Not applicable for degree credit. Course may be taken two times. (Same as ESL R030Z) (1)

ENGL R040—English Conversation 1 **3 units**

2 hours lecture, 3 hours lab weekly

Emphasis placed on communicating and listening skills. Activities include role playing, dialogues, and class discussions. Not applicable for degree credit. Course may be taken two times. (Same as ESL R040) (2)

ENGL R042—English Conversation 2 **3 units**

Advisory: ESL R040 or ENGL R040

3 hours lecture weekly

Designed for non-native speakers of English to provide practice in English conversational patterns and to reinforce English grammar, syntax, and vocabulary at an intermediate level. Emphasis on developing listening/speaking skills and confidence in expressing oneself in English. Not applicable for degree credit. Course may be taken two times. (Same as ESL R042) (2)

ENGL R044—English Conversation 3 **3 units**

Advisory: Level 3 listening and speaking ability

3 hours lecture weekly

Intended for non-native speakers of English who are able to hold a basic conversation in English, this course provides additional knowledge of English grammar, vocabulary, and idiomatic usage. Students will develop listening and speaking skills through practical, everyday conversation models, and will gain experience and confidence in making brief oral presentation. Field trips may be required. Not applicable for degree credit. Course may be taken three times. (Same as ESL R044) (2)

ENGL R050—Reading Skills 1 **3 units**

2 hours lecture, 3 hours lab weekly

An introductory course designed for students learning English as a second language. Topics for the course include basic reading skills, such as vocabulary development, spelling phonics and word recognition, study skills and basic comprehension skills. Field trips may be required. Not applicable for degree credit. Course may be taken four times. (Same as ESL R050) (2)

ENGL R052—Reading Skills 2 **3 units**

Advisory: ESL R050 or ENGL R050

3 hours lecture weekly

Designed for ESL students at the advanced beginning reading level. This course will review the basics of reading skills and vocabulary development and introduce more advanced concepts, such as main idea and details, meaning from context, syllabication, idiomatic expressions and summarizing. Not applicable for degree credit. Course may be taken four times. (Same as ESL R052) (2)

ENGL R054—Reading Skills 3 **4 units**

Advisory: ESL R052 or ENGL R052

3 hours lecture, 3 hours lab weekly

Intermediate level reading course for students who want to upgrade reading skills and/or for students learning English as a second language who need to develop reading and study skills. Topics included in the course are literal and inferential comprehension, critical thinking, vocabulary development, context clues, notetaking, outlining and basic library research skills. Not applicable for degree credit. (Same as ESL R054) (2)

ENGL R056—Reading Skills 4 **3 units**

Advisory: ESL R054 or ENGL R054.

3 hours lecture weekly

This course is designed for students who want to prepare themselves for content-area reading and study skills and/or for low-advanced students of English as a second language who want to prepare themselves for study skills and content area reading. This course will introduce critical thinking through rhetorical patterns of reading. Other topics include inferential comprehension, study-reading techniques (SQ3R), time relationships, e.g. chronological order, and research techniques. Not applicable for degree credit. Course may be taken two times. (Same as ESL R056) (2)

ENGL R060—Grammar/Writing 1 **3 units**

2 hours lecture, 3 hours lab weekly

This introductory course, primarily for ESL learners, is designed to present basic beginning grammar in the context of writing in simple real-life situations. Not applicable for degree credit. (Same as ESL R060). (2)

ENGL R062—Grammar/Writing 2 **3 units**

Prerequisites: ESL R060 or ENGL R060.

2 hours lecture, 3 hours lab weekly

This course, primarily for the high beginning ESL learner, is designed to develop and strengthen sentence-level writing ability. Field trips may be required. Not applicable for degree credit. Course may be taken two times. (Same as ESL R062) (2)

ENGL R064—Grammar/Writing 3**3 units***Prerequisites: ESL R062 or ENGL R062.**3 hours lecture weekly*

This course is primarily designed to instruct the intermediate ESL learner in the forms and usage of all verb tenses and other grammatical points focusing on grammar, but applying it to writing, reading, speaking and listening. Not applicable for degree credit. Course may be taken two times. (Same as ESL R064) (2)

ENGL R066—Grammar/Writing 4**3 units***Advisory: ESL R064 or ENGL R064**2 hours lecture, 3 hours lab weekly*

Course is designed primarily to instruct the low-advanced ESL learner or native speaker of English desiring instruction in the forms and usage of compound and complex sentence structure and other grammar points focusing on grammar, but applying it to writing, reading, speaking and listening. Not applicable for degree credit. Course may be taken two times. (Same as ESL R066) (2)

ENGL R068—Basic Composition**5 units***5 hours lecture weekly*

In this course, students develop sentence skills by writing, analyzing, and rewriting sentence exercises and paragraphs. The course includes study of paragraph structure and various patterns of development. At the end of the semester, students will be prepared to begin writing short essays. Not applicable for degree credit. Course may be taken two times.

ENGL R080—Developmental Vocabulary**3 units***3 hours lecture weekly*

Vocabulary improvement at developmental level. Instruction ranges from learning words in context to analysis of word structures. Students grasp word meanings through exploring roots and increasing awareness of prefix clues. Word lists studied in relationship to subject areas. Not applicable for degree credit. Course may be taken two times. (2)

ENGL R084—Basic Creative Writing**3 units***3 hours lecture weekly*

Creative writing at the beginning level. An exploration of the writing process, practice of writing and analysis of factors contributing to effective writing. Designed to enhance confidence in and enjoyment of writing. (2)

ENGL R086—Study Skills**2 units***2 hours lecture weekly*

A course designed to increase student know-how, offering specific techniques in learning and study skills. This course will facilitate mastery and success in all subjects.

ENGL R088—Principles of Spelling**2 units***2 hours lecture weekly*

Course designed to improve one's ability to spell correctly. Common spelling errors, special rules, and phonetic principles will be explored. Students work individually in areas where improvement is needed.

ENGL R090—College Vocabulary**3 units***3 hours lecture weekly*

Emphasis given to learning Greek and Latin roots and affixes as an efficient method of greatly expanding one's vocabulary. Students receive much help in learning synonyms, antonyms, and connotative/denotative word meanings. A series of short formal talks helps students appreciate history and origin of the English language. Numerous materials such as newspapers, magazine articles, puzzles, and games supplement tapes and filmstrips; principles of word formation explained.

ENGL R095—College Reading Skills**3 units***Advisory: Reading ability commensurate with high school level.**3 hours lecture weekly*

Emphasis on college-level reading materials with training in reading for major details, main ideas, drawing inferences and conclusions; considering the nature of evidence and knowledge; interpreting author's tone and purpose. Advanced vocabulary training, rapid reading techniques with adequate comprehension; formal evaluation used to individualize instruction. Reading equipment will be used.

ENGL R096—Intermediate Composition**5 units***Prerequisites: ENGL R068.**5 hours lecture weekly*

In this Associate Degree-level composition course, students review the principles of effective paragraphs and learn to plan, write, and revise short expository themes. The course includes essay-exam taking skills and an introduction to library resources. Upon completion, students will be able to write effective short essays. Students will also be prepared for a successful transition to ENGL R101. Course may be taken two times.

ENGL R098—Short Courses in English**1/2-10 units***Lecture and/or lab hours as required by unit formula*

Specialized topics designed to inform or update interested persons in English.

ENGL R101—College Composition**4 units***Prerequisites: Satisfactory grade in ENGL R096 or ENGL R140.**4 hours lecture weekly*

Development of skills in written expression, especially expository themes, including training in research techniques and preparation of a research paper. Designed to develop critical thinking, analytical and rhetorical skills.

*Transfer credit: UC, CSU (CAN: ENGL 2)***ENGL R102—Critical Thinking: Composition****3 units***Prerequisites: ENGL R101.**3 hours lecture weekly*

Study of literature combined with instruction in critical thinking and composition. This class emphasizes understanding and writing about literature using principles of logical analysis, criticism, advocacy of ideas, inductive and deductive reasoning. Students will examine assumptions upon which conclusions are based and recognize common logical errors of language and thought. Instruction is offered in advanced elements of style and organization. Application of critical thinking skills and logical methodology to the various literary genres will achieve a disciplined understanding of the material.

*Transfer credit: UC, CSU (CAN: ENGL 4)***ENGL R103—Creative Writing****3 units***Prerequisites: ENGL R096 or ENGL R140.**3 hours lecture weekly*

Study of literary forms—short story, poetry, and drama—presented from the standpoint of critical background and theory for each form; practice in writing original works; discussion and analysis of students' work. Course may be taken two times. (2)

*Transfer credit: UC, CSU (CAN: ENGL 6)***ENGL R104—English Literature I****3 units***Prerequisites: ENGL R101.**3 hours lecture weekly*

Survey of English literature in its cultural framework from Anglo-Saxon times to the end of the eighteenth century, covering the heroic age, the Renaissance, and neo-classicism. Not available for credit for students with credit in ENGL R151. (2)

*Transfer credit: UC, CSU (CAN: ENGL 8)***ENGL R105—English Literature II****3 units***Prerequisites: ENGL R101.**3 hours lecture weekly*

Survey of English literature in its cultural and political framework from the beginning of the 19th century to the early 20th century, covering the Romantic, Victorian, Edwardian, and Georgian periods of literature. Appropriate field trips. Not available for credit for students with credit in ENGL R152. (2)

*Transfer credit: UC, CSU (CAN: ENGL 10)***ENGL R106—Introduction to Fiction****3 units***Prerequisite: ENGL R101.**3 hours lecture weekly*

Emphasis on close critical reading of short story and novel; discussions center around importance and function of plot, characterization, atmosphere, theme, symbol. Not available for credit for students with credit in ENGL R156. (2)

Transfer credit: UC, CSU

ENGL R107—American Literature I	3 units	ENGL R115—Western World Literature I	3 units
<i>Prerequisites: ENGL R101. 3 hours lecture weekly</i>		<i>Prerequisites: ENGL R101. 3 hours lecture weekly</i>	
Significant American writers from the early 17th century to 1865, with emphasis on the intrinsic political, social, and intellectual trends of the periods they represent. Recommended as an elective for majors in the humanities, history, or education. Not available for credit for students with credit in ENGL R153. (2)		Course surveys in translation selected literary masterpieces from the ancient Mediterranean through the Medieval and Renaissance cultures of Europe. (2)	
<i>Transfer credit: UC, CSU (CAN: ENGL 14)</i>		<i>Transfer credit: UC, CSU</i>	
ENGL R108—American Literature II	3 units	ENGL R116—Western World Literature II	3 units
<i>Prerequisites: ENGL R101. 3 hours lecture weekly</i>		<i>Prerequisites: ENGL R101. 3 hours lecture weekly</i>	
Significant American writers from 1865 to present, with emphasis on the intrinsic political, social, and intellectual trends of the periods they represent. Recommended as an elective for majors in the humanities, history, or education. Not available for credit for students with credit in ENGL R154. (2)		Course surveys in translation European literary masterpieces from the Renaissance to modern times. (2)	
<i>Transfer credit: UC, CSU (CAN: ENGL 16)</i>		<i>Transfer credit: UC, CSU</i>	
ENGL R109—African-American Literature	3 units	ENGL R117—Mexican Literature	3 units
<i>Prerequisites: ENGL R096. 3 hours lecture weekly</i>		<i>Advisory: Eligibility for ENGL R101. 3 hours lecture weekly</i>	
Analytical, in-depth study of the literature of the African-American experience in the United States. (2)		One-semester study of Mexican literature in translation; novel, short story, essay, poem, and song covered from pre-Colombian times to present with emphasis on the period from 1910 to present. (2)	
<i>Transfer credit: UC, CSU</i>		<i>Transfer credit: UC, CSU</i>	
ENGL R110—Women in Literature	3 units	ENGL R118—Introduction to Poetry	3 units
<i>Prerequisites: ENGL R096. 3 hours lecture weekly</i>		<i>Prerequisites: ENGL R101. 3 hours lecture weekly</i>	
Examination of images, roles, and identities of women in literature and contribution of women to a variety of literary genres. (2)		Introduction to lyric, narrative, and dramatic poetry; what the poet is trying to say, how she works in this art form, and how to enjoy poetry. Not available for credit for students with credit in ENGL R155. (2)	
<i>Transfer credit: UC, CSU</i>		<i>Transfer credit: UC, CSU</i>	
ENGL R111—Shakespeare	3 units	ENGL R119—Introduction to Theatre	3 units
<i>Prerequisites: ENGL R101. 3 hours lecture weekly</i>		<i>3 hours lecture weekly</i>	
Survey of plays, including romantic comedies, chronicles, tragedies, dark comedies, and romances; lectures, critical papers, and class discussions. (2)		Introduces drama or theatre as a literary art form, including the history of dramatic development, types of drama, how plays relate to their philosophical, historical, and cultural milieu, how plays relate to production problems, critical analysis of plays, and related production elements for the playwright. Emphasis placed upon appreciation of the theatre—past and present. (Same as THA R101) (2)	
<i>Transfer credit: UC, CSU</i>		<i>Transfer credit: UC, CSU</i>	
ENGL R112—Literature by Women	3 units	ENGL R120—Literature of Children	3 units
<i>Prerequisites: ENGL R096. 3 hours lecture weekly</i>		<i>Advisory: Eligibility for ENGL R101. 3 hours lecture weekly</i>	
A survey of literature by women reflecting women's changing roles and identities in society in various cultural settings. Works studied are drawn from the genres of poetry, fiction, drama, essays and journals. Field trips may be required. (2)		Course includes readings in literature for children, how to enjoy literature as art, how to choose appropriate literature for a child's interests and reading skills, and how to appreciate illustrations in children's literature. Literature from different cultures incorporated. (2)	
<i>Transfer credit: UC, CSU</i>		<i>Transfer credit: CSU</i>	
ENGL R113—Literature of Asia	3 units	ENGL R121—U.S. Ethnic Literature	3 units
<i>Prerequisites: ENGL R096. 3 hours lecture weekly</i>		<i>Prerequisites: ENGL R101. 3 hours lecture weekly</i>	
Survey of Asian literature representing the highest achievements of the cultures of Arabia, Persia, India, China, and Japan. Emphasis is put on historical milieu, artistic forms, and contributions to modern thought. (2)		A chronological and thematic survey of the literature of ethnic groups in the United States. Representative works by members of some of the following groups: African-Americans, Asian-Americans, Chicanos, Jewish-Americans, Native Americans, and U.S. citizens and residents from various ethnic groups. Emphasis will be on contemporary literature. (2)	
<i>Transfer credit: UC, CSU</i>		<i>Transfer credit: UC, CSU</i>	
ENGL R114—Latin American Literature	3 units	ENGL R122—Chicano/a Literature	3 units
<i>Advisory: Eligibility for ENGL R101. 3 hours lecture weekly</i>		<i>Prerequisites: ENGL R101. 3 hours lecture weekly</i>	
One semester study of Hispanic American literature in translation: novel, short story, essay, poem, and song covered from pre-Colombian times to present as it pertains to the different Spanish-speaking countries. Readings include representative writers from these nations. Special emphasis will be given to contemporary writers. (2)		A chronological and thematic survey of the literature of the Chicano/a people. Works studied are drawn from a variety of genres: poetry, non-fiction prose, short stories, novels and drama. Emphasis is on contemporary (post 1968) literature. (2)	
<i>Transfer credit: UC, CSU</i>		<i>Transfer credit: UC, CSU</i>	

ENGL R123—Literature of the Bible**3 units***3 hours lecture weekly*

An historical and thematic introduction to Biblical literature, focusing on the literary portions of the Old and New Testaments in English translation. Topics covered include stories of origins, heroic narrative, lyric and nature poetry, love poetry and satire. (2)

*Transfer credit: UC, CSU***ENGL R130—Television Writing****3 units***Advisory: Eligibility for ENGL R096.**3 hours lecture weekly*

Course deals with preparation and analysis of script formats used for public service announcements, news, commercials, and talk-variety programs. Also, teleplay formats used for situation comedy and dramatic programs. Training given in script planning and development, utilizing professional standards, methods, ethics and restrictions practiced in broadcasting. (Same as TVR105)

*Transfer credit: CSU***ENGL R131—Cinema: Literary Views****3 units***Advisory: Eligibility for ENGL R096.**3 hours lecture weekly*

A study of film as an art form. Evaluation of techniques and literary interpretation. Representative of world cultures, as well as a variety of U.S. movies. (2)

*Transfer credit: UC, CSU***ENGL R132—Cinema: History, Culture****3 units***Advisory: Eligibility for ENGL R096.**3 hours lecture weekly*

A study of American film from a historical view. A visual perspective of society and events and how portrayed in cinema. (2)

*Transfer credit: UC, CSU***ENGL R140—Composition: ESL Emphasis****5 units***Prerequisites: ENGL R068.**5 hours lecture weekly*

A course in reading and composition for students whose native language is other than English. The course is intended for students familiar with the structure and vocabulary of English and with paragraph development. The course will develop the student's ability to think critically about and organize information from reading and to write and revise expository essays. The course emphasizes basic writing processes, as well as focusing on grammar and syntax.

*Transfer credit: UC, CSU***ENGL R150—Introduction to Literature****3 units***Advisory: ENGL R096.**3 hours lecture weekly*

Introduction to various types of literature—fiction, poetry, drama—for the student who is interested in developing appreciation of literature, but who may not be taking more advanced courses. The course focuses on reading, discussion, and interpretation of literature. The course is designed to meet students' interest in literature and associate degree general education requirements; transfer limitation may apply. (Not appropriate for English majors) (2)

*Transfer credit: UC, CSU***ENGL R151—Major British Authors I****3 units***Advisory: ENGL R096.**3 hours lecture weekly*

Intended for non-English majors, this course offers a survey of works by major British authors up to the nineteenth century. The course will include works by such authors as Chaucer, Shakespeare, Donne, Milton, Swift, Pope, and Johnson. Students cannot receive credit in both ENGL R151 and ENGL R104. (2)

*Transfer credit: UC, CSU***ENGL R152—Major British Authors II****3 units***Advisory: ENGL R096.**3 hours lecture weekly*

Intended for non-English majors, this course offers a survey of works by major British authors from 1800 to present. The course will include works by authors such as Wordsworth, Coleridge, Keats, Tennyson, Dickens, Browning, Yeats, and Eliot. Students cannot receive credit in both ENGL R152 and ENGL R105. (2)

*Transfer credit: UC, CSU***ENGL R153—Major American Authors I****3 units***Advisory: ENGL R096.**3 hours lecture weekly*

Intended for non-English majors, this course offers a survey of works by American authors up to 1865. The course examines literary works and their relation to historical, social, or cultural trends. Students cannot receive credit in both ENGL R153 and ENGL R107. (2)

*Transfer credit: UC, CSU***ENGL R154—Major American Authors II****3 units***Advisory: Eligibility for ENGL R101 or concurrent enrollment in ENGL R096.**3 hours lecture weekly*

Intended for non-English majors, this course surveys the works of significant American authors since the Civil War. The course examines literary works and their relation to historical, social, or cultural trends. Students cannot receive credit in both ENGL R154 and ENGL R108. (2)

*Transfer credit: UC, CSU***ENGL R155—Survey of Poetry****3 units***Advisory: ENGL R096.**3 hours lecture weekly*

Intended for non-English majors, this course introduces the student to methods of analyzing and responding to poetry. The elements of poetry are introduced, followed by reading of selected poetry of various periods and forms. Students cannot receive credit in both ENGL R155 and ENGL R118. (2)

*Transfer credit: UC, CSU***ENGL R156—Survey of Fiction****3 units***Advisory: ENGL R096.**3 hours lecture weekly*

Intended for non-English majors, this course introduces the students to methods of analyzing and responding to fiction. Elements of the short story and novel are introduced, followed by reading of selected fiction of a variety of periods and types. Students cannot receive credit in both ENGL R156 and ENGL R106. (2)

*Transfer credit: UC, CSU***ENGL R189—Topics in Literature****3 units***Advisory: Eligibility for ENGL R101 or ENGL R102.**3 hours lecture weekly*

In-depth study of a literary period, of a major author, or of a theme in literature. Reading, discussion, lecture focusing on forces contributing to creation, appreciation, and analysis of the material. May be repeated for credit. Courses developed to date include: The World of Mystery Fiction, Literature of Mysticism, Meditation and Madness.

*Transfer credit: UC, CSU***ENGL R189A—Mystery Fiction****3 units***Advisory: Eligibility for ENGL R101 or ENGL R102.**3 hours lecture weekly*

Exploration of the world of mystery fiction. Course emphasizes reading, enjoying, discussing, and analyzing works of detective fiction which will be seen in historical perspective. (2)

*Transfer credit: CSU***ENGL R189D—Current Pop Literature****3 units***Advisory: Eligibility for ENGL R101 or ENGL R102.**3 hours lecture weekly*

Course emphasizes reading, enjoying, discussing, and analyzing current best sellers in such areas as science fiction, historical fiction, mystery fiction, biography, general nonfiction, drama, and poetry. (2)

Transfer credit: CSU

ENGL R189H—Writing Short Stories **3 units**

*Advisory: Eligibility for ENGL R101, ENGL R102, or ENGL R103.
3 hours lecture weekly*

Extensive study of types of short stories—action, episodic, plotless, character, and thematic—focusing on integral elements of fiction; practice in writing and revising original works; discussion and analysis of student work. (2)

Transfer credit: CSU

ENGL R198—Short Courses in English **½-3 units**

Lecture and/or lab hours as required by unit formula

Designed to meet specific needs of college and community as requested and required.

Transfer credit: CSU

ENGL R199—Directed Studies in English **1-3 units**

Prerequisites: ENGL R101.

Lecture and/or lab hours as required by unit formula

Designed for selected students interested in furthering their knowledge of English on an independent basis. Assigned problems will involve library, lab, and field work. Course may be taken two times.

Transfer credit: UC, CSU

NOTE: The course listed below has been temporarily suspended. For further information, please contact the Liberal Education division office.

ENGL 82 Individualized Reading

ENGLISH AS A SECOND LANGUAGE (ESL)

ESL Courses

ESL R030A—Bilingual Vocabulary Spanish/English 1 **1 unit**

1 hour lecture weekly

This is the first module of sixteen hours of study in vocabulary of Spanish and English equivalents using self-paced, mediated instruction. Not applicable for degree credit. (Same as ENGL R030A) (1)

ESL R030B—Bilingual Vocabulary Spanish/English 2 **1 unit**

1 hour lecture weekly

This is the second module of sixteen hours of study in vocabulary of Spanish and English equivalents using self-paced, mediated instruction. Not applicable for degree credit. (Same as ENGL R030B) (1)

ESL R030C—Bilingual Vocabulary Spanish/English 3 **1 unit**

1 hour lecture weekly

This is the third module of sixteen hours of study in vocabulary of Spanish and English equivalents using self-paced, mediated instruction. Not applicable for degree credit. (Same as ENGL R030C) (1)

ESL R030H—Crossroads Café 1 **1 unit**

Advisory: ESL R042 or ENGL R042.

3 hours lab weekly

This independent-study course for intermediate ESL learners is designed to develop listening skills, awareness of grammatical structures, and a knowledge of U.S.A. culture through the study of a series of nationally acclaimed videotapes. Not applicable for degree credit. Course may be taken two times. (Same as ENGL R030H) (1)

ESL R030J—Crossroads Café 2 **1 unit**

Advisory: ESL R030H or ENGL R030H.

3 hours lab weekly

This independent-study course for intermediate ESL learners is a continuation of ESL/ENGL R030H. It likewise is designed to develop listening skills, awareness of grammatical structures, and a knowledge of U.S.A. culture through the study of a series of nationally acclaimed videotapes. Not applicable for degree credit. Course may be taken two times. (Same as ENGL R030J) (1)

ESL R030Z—Internet ESL Resources **1 unit**

Advisory: Completion of ESL R042, ESL R052 and ESL R062 or ENGL R042, ENGL R052 and ENGL R062.

½ unit lecture, 1½ lab hours weekly

This course is designed for intermediate and advanced level ESL students to build Internet skills as they relate to English language learning. Reading, writing, conversation and vocabulary skills are all included. Students do not need prior experience with computers. Not applicable for degree credit. Course may be taken two times. (Same as ENGL R030Z) (1)

ESL R040—English Conversation 1 **3 units**

2 hours lecture, 3 hours lab weekly

Emphasis placed on communicating and listening skills. Activities include role playing, dialogues, and class discussions. Field trips may be required. Not applicable for degree credit. Course may be taken two times. (Same as ENGL R040) (2)

ESL R042—English Conversation 2 **3 units**

Advisory: ESL R040 or ENGL R040

3 hours lecture weekly

Designed for non-native speakers of English to provide practice in English conversational patterns and to reinforce English grammar, syntax, and vocabulary at an intermediate level. Emphasis on developing listening/speaking skills and confidence in expressing oneself in English. Field trips may be required. Not applicable for degree credit. Course may be taken two times. (Same as ENGL R042) (2)

ESL R044—English Conversation 3 **3 units**

Advisory: Level 3 listening and speaking ability

3 hours lecture weekly

Intended for non-native speakers of English who are able to hold a basic conversation in English, this course provides additional knowledge of English grammar, vocabulary, and idiomatic usage. Students will develop listening and speaking skills through practical, everyday conversation models, and will gain experience and confidence in making brief oral presentation. Field trips may be required. Not applicable for degree credit. Course may be taken three times. (Same as ENGL R044) (2)

ESL R050—Reading Skills 1 **3 units**

2 hours lecture, 3 hours lab weekly

An introductory course designed for students learning English as a second language. Topics for the course include basic reading skills, such as vocabulary development, spelling phonics and word recognition, study skills and basic comprehension skills. Field trips may be required. Not applicable for degree credit. Course may be taken four times. (Same as ENGL R050) (2)

ESL R052—Reading Skills 2 **3 units**

Advisory: ESL R050 or ENGL R050

3 hours lecture weekly

Designed for ESL students at the advanced beginning reading level. This course will review the basics of reading skills and vocabulary development and introduce more advanced concepts, such as main idea and details, meaning from context, syllabication, idiomatic expressions and summarizing. Field trips may be required. Not applicable for degree credit. Course may be taken four times. (Same as ENGL R052) (2)

ESL R054—Reading Skills 3 **4 units**

Advisory: ESL R052 or ENGL R052

3 hours lecture, 3 hours lab weekly

Intermediate level reading course for students who want to upgrade reading skills and/or for students learning English as a second language who need to develop reading and study skills. Topics included in the course are literal and inferential comprehension, critical thinking, vocabulary development, context clues, notetaking, outlining and basic library research skills. Field trips may be required. Not applicable for degree credit. Course may be taken four times. (Same as ENGL R054) (2)

ESL R056—Reading Skills 4 **3 units**

Advisory: ESL R054 or ENGL R054

3 hours lecture weekly

This course is designed for students who want to prepare themselves for content-area reading and study skills and/or for low-advanced students of English as a second language who want to prepare themselves for study skills and content area reading. This course will introduce critical thinking through rhetorical patterns of reading. Other topics include inferential comprehension, study-reading techniques (SQ3R), time relationships,

e.g., chronological order, and research techniques. Field trips may be required. Not applicable for degree credit. Course may be taken two times. (Same as ENGL R056) (2)

ESL R060—Grammar/Writing 1 3 units
2 hours lecture, 3 hours lab weekly

This introductory course, primarily for ESL learners, is designed to present basic beginning grammar in the context of writing in simple real-life situations. Field trips may be required. Not applicable for degree credit. Course may be taken two times. (Same as ENGL R060) (2)

ESL R062—Grammar/Writing 2 3 units
Prerequisites: ESL R060 or ENGL R060
2 hours lecture, 3 hours lab weekly

This course, primarily for the high beginning ESL learner, is designed to develop and strengthen sentence-level writing ability. Field trips may be required. Not applicable for degree credit. Course may be taken two times. (Same as ENGL R062) (2)

ESL R064—Grammar/Writing 3 3 units
Prerequisites: ESL R062 or ENGL R062
3 hours lecture weekly

This course is primarily designed to instruct the intermediate ESL learner in the forms and usage of all verb tenses and other grammatical points focusing on grammar, but applying it to writing, reading, speaking and listening. Not applicable for degree credit. Course may be taken two times. (Same as ENGL R064) (2)

ESL R066—Grammar/Writing 4 3 units
Prerequisites: ESL R064 or ENGL R064
2 hours lecture, 3 hours lab weekly

This course is designed primarily to instruct the low-advanced ESL learner or native speaker of English desiring instruction in the forms and usage of compound and complex sentence structure and other grammar points focusing on grammar, but applying it to writing, reading, speaking and listening. Not applicable for degree credit. Course may be taken two times. (Same as ENGL R066) (2)

ENVIRONMENTAL TECHNOLOGY

This program will prepare students to enter the field of hazardous materials handling.

Career Opportunities

Site Remediation Specialist Haz Mat Consultant

Faculty

Part-Time

Randy Ellis Jan Schienle
Robert Montgomery

◆ Environmental Technology

Associate in Science Degree

Certificate of Achievement

Required Courses:

		Units
BIOL R101	General Biology	3
BIOL R101L	General Biology Laboratory	1
BIOL R106	The Human Environment	3
BIOL R106L	Human Environment Laboratory	1
CHEM R110	Elementary Chemistry	5
ET R100	Introduction to Environmental Technology	3
ET R101	Hazardous Waste Reduction/Treatment	3
ET R102	Health Effects of Hazardous Materials	3
ET R103	Hazardous Waste Management Applications	4
ET R104	Safety and Emergency Response	4
ET R105	Hazardous Materials Management Application	4
Total Required Units		34

Environmental Technology Courses

ET R100—Introduction to Environmental Technology 3 units

3 hours lecture weekly

Course is designed to give the student a general overview of the hazardous technology area. A discussion of past and current sources of pollution and an introduction to the technologies that could be used to alleviate environmental problems. A presentation of the management systems, source controls, attenuating methodologies, etc., which are designed to protect the human community from potentially harmful substances. A historical perspective of the legislative process that has led to current regulations, where to find, and how to read these regulations will be presented. Discussion of career opportunities will also be included.

Transfer credit: CSU

ET R101—Hazardous Waste Reduction/Treatment 3 units
3 hours lecture weekly

The study of industrial processes and their generation of waste streams in seven selected industries: electroplating, metal finishing and printed circuit board production, oil refining and chemical production, steel production, general manufacturing, printing and graphic reproduction, agriculture and consumer services. The course will center on various raw materials and chemicals used in industry, examining the changes that occur as they move through the industrial process, and understanding the material balance concept of inventory. Throughout the course, discussion of applicable regulations will be included, and the importance of waste minimization concepts will be stressed.

Transfer credit: CSU

ET R102—Health Effects of Hazardous Materials 3 units
3 hours lecture weekly

Course covers the acute and chronic health effects produced by exposure to chemical, physical, and biological agents. Emphasis will be on those hazardous materials commonly associated with industrial operations, waste disposal and remediation sites. Topics will include routes of entry, toxic effects, risk assessment, permissible exposure limits, medical surveillance, control methods for reducing exposure, and understanding an MSDS.

Transfer credit: CSU

ET R103—Hazardous Waste Management Applications 4 units
3 hours lecture, 3 hours lab weekly

Course provides an overview of hazardous waste regulations with emphasis in generator compliance, site investigation and remediation, permitting, enforcement and liability. The lecture portion of the course explains the hazardous waste regulatory framework and develops research skills in the hazardous waste area. The laboratory portion of the course complements the lectures by providing "hands-on" application of the regulations, including proper methods of preparing a hazardous waste manifest, labeling of storage containers, sampling and analysis, and preparing a Phase I Environmental Audit.

Transfer credit: CSU

ET R104—Safety and Emergency Response 4 units
3 hours lecture, 3 hours lab weekly

Hands-on instruction in safety and emergency response to chemical and physical exposures in industrial and field settings. Topics include: hazard analysis, contingency planning, housekeeping and safety practices, including proper use and selection of PPE, site control and evaluation, handling drums and containers, field sampling and monitoring, proper use of instruments, incident response planning, emergency response including field exercises in the use of APR and SCBA, and an understanding of ICS system. This course satisfies the requirements for generalized employee training under OSHA (1910.120).

Transfer credit: CSU

The Industrial Safety program requirements have been temporarily suspended. For further information, please contact the Business/Technology division office.

ET R105—Hazardous Materials Management Applications**4 units***3 hours lecture, 3 hours lab weekly*

A study of the requirements and applications of federal, state, and local laws and regulations relating to hazardous materials. The course will emphasize compliance the Department of Transportation, OSHA Hazard Communication, SARA Title III Community Right-to-Know, Underground Tank, Asbestos, Proposition 65, and Air Toxics Regulations. The lecture portion of the course will provide the student with an understanding of the legal framework of hazardous materials laws; the laboratory portion will focus on applications of these laws, such as proper labeling, shipping, and handling of hazardous materials, using MSDSs, permitting and monitoring functions, as well as planning and reporting functions.

*Transfer credit: CSU***ET R106—Site Assessment and Remediation****3 units***3 hours lecture weekly*

Course is designed for business leaders or professionals who need specific information about the process involved in the assessment, characterization, and remediation of contaminated sites.

Transfer credit: CSU

FIRE TECHNOLOGY

This program prepares students to enter the field of fire technology as a firefighter or administrative assistants to fire chiefs. Firefighters are required to carry out emergency duties such as fire suppression, rescue, first aid, hazardous materials clean up, and related incidents. Non-emergency duties include prevention, training, station maintenance, equipment maintenance, and other related tasks.

Career Opportunities

A.S./Certificate Level

Firefighter	Administrative Assistant
Staff Assistant	Fire Protection Engineer

B.S. Level

Instructor	Fire Chief
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Faculty

Full-Time

Patrick Easley	Gary W. Morgan
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Part-Time

Gary Aalberts	Massoud Araghi
Larry Brister	Mike Burns
Cyndie Cole	Russ Cole
Brad Ditto	Chris Donabedian
Russ Emory	Jack Hansen
Bruce Hodge	Stephanie Huhn
Mike Ketaily	Emmett Kinney
Mike LaPlant	

Fire Technology (Pre-Service)

Associate in Science Degree**Certificate of Achievement**

This program prepares students to enter the field of fire technology as a firefighter. Firefighters are required to carry out emergency duties such as fire suppression, rescue, first aid, hazardous materials clean up, and related incidents. Non-emergency duties include prevention, training, station maintenance, equipment maintenance, and other related tasks.

Required Courses:

	Units
FT R151	Fire Protection Organization
FT R152	Fire Prevention Technology
FT R154	Fire Behavior and Combustion
FT R155	Fire Protection Equipment and Systems
FT R161	Building Construction
	3

Total State Fire Marshal's CORE Required Units **15**

Required Additional Courses:

FT R153	Fundamentals of Personal Fire Safety and Emergency Actions	3
FT R156	Fundamentals of Fire Protection	3
FT R169A	Emergency Medical Technician I	8

Total OC Required Units**29**

Complete a minimum of one course from the following:

FT R157	Wildland Fire Control	3
FT R157L	Wildland Fire Control Lab	1½
FT R160	Fire Tactics and Strategy	3
FT R162	Related Codes and Ordinances	3
FT R163	Fire Hydraulics	3
FT R164	Fire Company Organization and Management	3
FT R165	Hazardous Materials	3
FT R167	Fire Apparatus and Equipment	3
FT R168	Fire Investigation	3
ET R100	Introduction to Environmental Technology	3
ET R101	Hazardous Waste Reduction/Treatment	3
ET R102*	Health Effects of Hazardous Materials	3
ET R103	Hazardous Waste Management Applications	4
ET R104	Safety and Emergency Response	4
ET R105	Hazardous Materials Management Application	4
	Total Required Units	32 - 33

Fire Prevention Technology (Pre-Service)

Associate in Science Degree**Certificate of Achievement**

This program prepares students to enter the field of the Fire Service as well as the public and private industry as a Fire Prevention Inspector. Fire inspectors are required to carry out general fire inspection practices and procedures including: hazardous and toxic materials, life safety, building construction, alarms, sprinkler and alarm systems, and properly maintained ways of egress. Fire inspectors must also provide code interpretation and applications of legal precedents and must possess good report writing skills.

Students who want to transfer to a four-year college or university should consult a counselor.

Required Courses:**Units**

FT R151	Fire Protection Organization	3
FT R152	Fire Prevention Technology	3
FT R154	Fire Behavior and Combustion	3
FT R155	Fire Protection Equipment and Systems	3
FT R161	Building Construction	3

Total State Fire Marshal's CORE Required Units**15****Required Additional Courses:**

FT R156	Fundamentals of Fire Protection	3
FT R162	Related Codes and Ordinances	3
FT R165	Hazardous Materials	3
FT R166	Fire Services Records/Reports	3
FT R168	Fire Investigation	3

Total OC Required Units**30**

Complete a minimum of one course from the following:

CIS R100	Introduction to Computer Information Processing Systems	3
ET R100	Introduction to Environmental Technology	3
ET R101	Hazardous Waste Reduction/Treatment	3
ET R102*	Health Effects of Hazardous Materials	3
ET R103	Hazardous Waste Management Applications	4
ET R104	Safety and Emergency Response	4
ET R105	Hazardous Materials Management Application	4
	Total Required Units	33 - 34

*Course being revised

Fire Technology (Administrative Fire Services)

Associate in Science Degree Certificate of Achievement

The administrative fire services degree is designed to prepare students for careers as administrative assistants to fire chiefs and as staff assistants to fire protection engineers and chief officers, to enable fire department secretaries to upgrade skills in the area of fire protection, and to give persons from other disciplines an opportunity to expand their knowledge of fire services. The program meets requirements of the California Fire Chief's Association Administrative Fire Services Division and college or university preparation.

Core Requirements:		Units
FT R151	Fire Protection Organization	3
CISR100	Introduction to Computer Information Processing Systems	3
BUSR101A	Principles of Accounting I	3
BUSR111A	Business Law I	3
BUSR121	Introduction to Management	3

Total CORE Requirements 15

Students will select ONE of the following options and complete the courses listed:

Option I—Administration

FT R166	Fire Services Records/Reports	3
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Total CORE plus Option I Requirements 18*

*Plus one more course, to be determined by the department.

Option II—Law

FT R152	Fire Prevention Technology	3
FT R162	Related Codes and Ordinances	3

Total CORE plus Option II Requirements 21

Option III—Communication

BUSR140	Business Communications	3
BUSR141	Introduction to Public Relations	3
FT R084A	Fire Instructor IA	2½
FT R084B	Fire Instructor IB	2½

Total CORE plus Option III Requirements 25

Fire Technology (In-Service)

Associate in Science Degree Certificate of Achievement

This program is designed for the person who is employed by a recognized fire service (i.e. county fire departments, city fire departments, forestry service). Students completing the following required State Fire Marshal courses will receive certificates of completion from the college and from the state.

Required Courses		Units
FT R080A	Fire Prevention IA	2½
FT R080B	Fire Prevention IB	2½
FT R080C	Fire Prevention IC	2½
FT R081A/B	Fire Investigation IA/B	2½-2½
FT R082	Fire Management I	2½
FT R083A	Fire Command IA	2½
FT R083B	Fire Command IB	2½
FT R084A	Fire Instructor IA	2½
FT R084B	Fire Instructor IB	2½
FT R165	Hazardous Materials	3
Total Required Units		28

Fire Technology Courses

FT R069B—Emergency Medical Training I/Recertification 1½ units

*Prerequisites: FT R169A or equivalent course work.
4 hours lecture for 6 weeks, plus ½ hour per week by arrangement*

Refresher course for EMT/Fire Service recertification. Curriculum designed to present students with updated and new technology in areas of emergency pre-hospital care. Course may be taken four times.

FT R070—Firefighter I Academy 16 units

Prerequisites: FT R169A and FT R151.

Advisory: FT R152, FT R154, FT R156, & FT R161.

10 hours lecture, 18 hours lab weekly

This class provides information about fire service employment opportunities. The following topics are also covered: technical and manipulative training in basic concepts of fire department apparatus, tools and equipment, tactics and strategy, extinguishers and fire protection equipment, hazardous materials, petroleum fire control, fire service ladders and ladder evolutions, structural ventilation and salvage operations, wildland fire control, inspection and maintenance of fire department stations and equipment, fire characteristics, apparatus and equipment inspection, breathing apparatus, communication systems and ropes, knots and hitches. All exams require 80% for a passing grade for all academic and manipulative tests as per State Fire Marshal requirements. Materials fee is required. Field trips may be required.

FT R070A—Firefighter I Academy A 8 units

Prerequisites: FT R169A and FT R151.

Advisory: FT R152, FT R154, FT R156, & FT R161.

5 hours lecture, 9 hours lab weekly

This class provides information about fire service employment opportunities. The following topics are also covered: technical and manipulative training in basic concepts of fire department apparatus, tools and equipment, hazardous materials, fire service ladders and ladder evolutions, salvage operations, inspection and maintenance of fire department stations, equipment operation, hose, nozzles, fittings, hose evolutions, breathing apparatus, ropes, knots and hitches. All exams require 80% for a passing grade for all academic and manipulative tests as per State Fire Marshal requirements. Materials fee is required. Field trips may be required.

FT R070B—Firefighter I Academy B 8 units

Prerequisites: FT R070A

5 hours lecture, 9 hours lab weekly

Class provides information about fire service employment opportunities. The following topics are also covered: tactics and strategy, extinguishers and fire protection equipment, petroleum fire control, structural ventilation, wildland fire control, fire characteristics, apparatus and equipment inspection, fire organization, fire control, salvage, breathing apparatus, communication systems. Materials fee is required.

FT R071—Reserve Firefighter Academy 2 units

Prerequisites: Must provide all protective clothing and equipment required by the Ventura County Fire Department. Must provide evidence of physical fitness.

8 hours lecture for 6 weeks

Introduction to fire department equipment and use; reserve firefighter standards; firefighter safety and first aid.

FT R072—Spanish for Firefighters 2 units

2 hours lecture weekly

Course develops basic Spanish language communication skills for emergency personnel. It emphasizes elementary structure, correct pronunciation, practical and emergency vocabulary and expressions used in filling out forms, first aid procedures, reassuring victims, crowd control, and responding to emergency calls involving Hispanics with limited English language proficiency. Hispanic culture and sensitivity training are included. Course may be taken two times. (2)

NOTE: The following courses are State Fire Marshal Courses that can lead to Fire Officer Certificate:

FT R080A—Fire Prevention IA 2½ units

Advisory: FT R151.

2½ hours lecture weekly

General fire inspection practices, inspector's responsibilities, code interpretations and legal precedents, hazardous and toxic materials, hazardous processes, life safety and procedures for correcting fire and life hazards. Materials fee is required. (2)

FT R080B—Fire Prevention IB	2½ units	FT R085A—Driver/Operator IA	2½ units
<i>Prerequisites:</i> FT R080A. 2½ hours lecture weekly		<i>2½ hours lecture weekly</i>	
Building construction principles, occupancy classifications and fire protection systems as they relate to fire and life safety. Importance of detection, alarm systems, properly maintained ways of egress and emergency evacuation procedures are also stressed. Materials fee is required. (2)		Course is designed to provide the student with information on driver techniques for emergency vehicles and techniques of basic inspection and maintenance of emergency vehicles, including actual driving exercises under simulated emergency conditions. Fee required for certification. (2)	
FT R080C—Fire Prevention IC	2½ units	FT R085B—Driver/Operator IB	2½ units
<i>Prerequisites:</i> FT R080A and FT R080B. 2½ hours lecture weekly		<i>2½ hours lecture weekly</i>	
Key topics include physical properties of flammable liquids and gases, outside storage and handling of bulk flammable liquids and gases, regulations and procedures for the installation of storage tanks and containers, regulations relative to the transportation of flammable liquids and gases, and procedures for controlling compressed and liquefied gas leaks. Materials fee is required. (2)		Course provides the student with information, theory, methods, and techniques for operating fire service pumps. Subjects include types of pumps, engine and pump gauges, maintenance, unsafe pumping conditions, pressure relief devices, cooling systems, water supplies, drafting, field hydraulics, and pumping operations. Fee required for certification. (2)	
FT R081A—Fire Investigation IA	2½ units	FT R086A—Hazardous Materials IA	2½ units
<i>2½ hours lecture weekly</i>		<i>2½ hours lecture weekly</i>	
Course covers fire behavior; building construction; techniques required for incendiary, accidental, fatal, vehicle, wildland and juvenile fire investigation; report writing, evidence collection and proper custodial procedures for evidence. Materials fee is required. (2)		Course provides an intensive introduction to the nature and behavior of inorganic and organic chemicals. Various laws of chemistry are discussed as they apply to organic compounds, flammable liquids and gases and other types of hazardous materials. Fee required for certification. (2)	
FT R081B—Fire Investigation IB	2½ units	FT R086B—Hazardous Materials IB	2½ units
<i>Prerequisites:</i> FT R081A. 2½ hours lecture weekly		<i>Prerequisites:</i> FT R086A. 2½ hours lecture weekly	
Provides advanced training in fire/explosion investigative techniques, evidence preservation, courtroom testimony, interview and interrogation techniques, and fire cause/origin determination. This course provides the necessary job and interpersonal skills necessary to successfully investigate fires, apprehend those responsible, and convict them. Materials fee is required. (2)		Course deals with the application of information learned in Module IA. Students will be introduced to field monitoring and detection devices, sample collection equipment, and field identification testing procedures for verifying, identifying and classifying unknown materials. Fee required for certification. (2)	
FT R082—Fire Management I	2½ units	FT R086C—Hazardous Materials IC	2½ units
<i>Advisory:</i> FT R151. 2½ hours lecture weekly		<i>Prerequisites:</i> FT R086B. 2½ hours lecture weekly	
Fundamental course covers such topics as key concepts of supervision and management, decision-making for supervisors, leadership styles and techniques, development of policies and procedures, time management, stress management, and personnel appraisal and counseling guidelines. Materials fee is required. (2)		Course provides an introduction to the Hazardous Materials Incident Command System and an in-depth look at protective equipment considerations, use of monitoring equipment and protective actions. Fee required for certification. (2)	
FT R083A—Fire Command IA	2½ units	FT R086D—Hazardous Materials ID	2½ units
<i>Advisory:</i> FT R151. 2½ hours lecture weekly		<i>Prerequisites:</i> FT R086C. 2½ hours lecture weekly	
Key topics include emergency scene management, fire behavior, initial fire ground resources, tactics and strategy, and fire ground simulation scenarios specifically designed for the first-in officer. Materials fee is required. (2)		Course provides the student with practical "hands on" training in tactical field operations with various tools and specialized equipment. Fee required for certification. (2)	
FT R083B—Fire Command IB	2½ units	FT R086E—Hazardous Materials IC/Scene Manager	2½ units
<i>Prerequisites:</i> FT R083A. 2½ hours lecture weekly		<i>2½ hours lecture weekly</i>	
Course provides instruction in first-in company level decision making and scene management principles for incidents involving chemicals and hazardous materials. Included are scene safety procedures, evacuation considerations, and identification of materials by container size, shape and labeling. Materials fee is required. (2)		Course is designed to provide participants with an increased capability to assume the role of an Incident Commander/Scene Manager during hazardous materials events with specific emphasis on personnel safety and management of the Haz Mat scene. A field exercise emphasizes unified management of a typical Haz Mat incident. This course is targeted and helpful for anyone who may assume an ICS Command or general staff role on a Haz Mat incident. Fee required for certification. (2)	
FT R084A—Fire Instructor IA	2½ units	FT R093A—Fire Command 2A	2½ units
<i>Advisory:</i> FT R151. 2½ hours lecture weekly		<i>Prerequisites:</i> FT R083A. 2½ hours lecture weekly	
Topics include occupational analysis, course outlines, concepts of learning, levels of instruction, behavioral objectives, using lesson plans, the psychology of learning, evaluation of effectiveness, and student teaching demonstrations. Materials fee is required. (2)		Course provides the participants with information on how to make the transition from supervisor to manager. It offers sound management principles in preparation for more intensified training in specific disciplines. Topics of discussion include internal and external influences, personality traits of firefighters, managing human relations, group dynamics, conflict solution and more. Materials fee is required. (2)	
FT R084B—Fire Instructor IB	2½ units	FT R094A—Fire Management 2A	2½ units
<i>Prerequisites:</i> FT R084A. 2½ hours lecture weekly		<i>Prerequisites:</i> FT R082. 2½ hours lecture weekly	
Topics include preparing course outlines, establishing levels of instruction, constructing behavioral objectives and lesson plans, instructional aid development, fundamentals of testing and measurements, tests planning, evaluation techniques and tools, and student teaching demonstrations. Materials fee is required. (2)		Course provides the participants with information on how to make the transition from supervisor to manager. It offers sound management principles in preparation for more intensified training in specific disciplines. Topics of discussion include internal and external influences, personality traits of firefighters, managing human relations, group dynamics, conflict solution and more. Materials fee is required.	

FT R098—Short Courses in Fire Technology 1-10 units

Lecture and/or lab hours as required by unit formula

Specialized workshops designed to update fire fighting personnel as required for in-service training requirements in specific subject matter areas. Unit credit determined by length of instruction of the workshop as defined by current credit standards; total workshop credit limited to 10 units. (2)

* **Required courses for Associate of Science Degree or Fire Technology Certificate.** FT R151 not required for those employed in the Fire Service, although the 32-unit college requirement must be met.

FT R151—Fire Protection Organization* 3 units

3 hours lecture weekly

Provides introduction to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics.

Transfer credit: CSU

FT R152—Fire Prevention Technology* 3 units

Prerequisites: FT R151.

3 hours lecture weekly

Provides fundamental information regarding the history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use of fire codes, identification and correction of fire hazards, and the relationship of fire prevention with fire safety education and detection and suppression systems.

Transfer credit: CSU

FT R153—Fundamentals of Personal Fire Safety and Emergency Action* 3 units

Prerequisites: FT R151.

3 hours lecture weekly

Designed to provide basic skills in assessing fire dangers, handling common fire situations in the home and/or industry, basic CPR, and standard first aid.

Transfer credit: CSU

FT R154—Fire Behavior and Combustion* 3 units

Prerequisites: FT R151.

3 hours lecture weekly

Theory and fundamentals of how and why fires start, spread, and are controlled; an in-depth study of fire chemistry and physics, fire characteristics of materials, extinguishing agents, and fire control techniques.

Transfer credit: CSU

FT R155—Fire Protection Equipment/Systems* 3 units

Prerequisites: FT R151.

3 hours lecture weekly

Provides information relating to the features of design and operation of fire detection and alarm systems, heat and smoke control systems, special protection and sprinkler systems, water supply for fire protection and portable fire extinguishers.

Transfer credit: CSU

FT R156—Fundamentals of Fire Protection* 3 units

Prerequisites: FT R151.

3 hours lecture weekly

Theory and fundamentals of fire protection including fire protection laws, water systems and public fire protection systems, fire protection in buildings and open areas.

Transfer credit: CSU

FT R157—Wildland Fire Control 3 units

Prerequisites: FT R151.

3 hours lecture weekly

Course is designed to provide the employed firefighter or fire technology major with a fundamental knowledge of the factors affecting wildland fire behavior, fire prevention, and fire suppression techniques.

Transfer credit: CSU

FT R157L—Wildland Fire Control Lab 1½ units

Corequisites: FT R157.

1 hour lecture, 1½ hours lab weekly

Course covers the practical and hands-on skills required of a Firefighter I, seasonal employee with the California Department of Forestry. Successful completion of FT R157 and FT R157L will result in issuance of a FF-I certificate by C.D.F.

Transfer credit: CSU

FT R160—Fire Tactics and Strategy 3 units

Prerequisites: FT R151.

3 hours lecture weekly

Principles of fire control through utilization of firefighters, equipment, and extinguishing agents on the fireground.

Transfer credit: CSU

FT R161—Building Construction* 3 units

Prerequisites: FT R151.

3 hours lecture weekly

Course covers the fundamentals of building construction as it relates to fire protection. Classification by occupancy and types of construction with emphasis on fire protection features, including building equipment, facilities, fire resistive materials and high-rise considerations.

Transfer credit: CSU

FT R162—Related Codes and Ordinances 3 units

Prerequisites: FT R151.

3 hours lecture weekly

Familiarization and interpretation of national, state, and local codes, ordinances, and laws which influence the field of fire prevention.

Transfer credit: CSU

FT R163—Fire Hydraulics 3 units

Prerequisites: FT R151.

3 hours lecture weekly

Review of applied mathematics; hydraulic laws as applied to the fire service; application of formulas and mental calculation to hydraulics and water supply problems.

Transfer credit: CSU

FT R164—Fire Company Organization and Management 3 units

Prerequisites: FT R151.

3 hours lecture weekly

Review of fire department organization; planning, organizing, and supervising to meet needs of fire department, with emphasis on company officer's role.

Transfer credit: CSU

FT R165—Hazardous Materials 3 units

Prerequisites: FT R151.

3 hours lecture weekly

Introduction to basic fire chemistry and physics; problems of flammability as encountered by firefighters when dealing with fuels and oxidizers; elementary fire fighting practices pertaining to hazardous materials in storage and transit.

Transfer credit: CSU

FT R166—Fire Service Records/Reports 3 units

Advisory: FT R151 or equivalent.

3 hours lecture weekly

Course covers records and report systems in fire service including CFIRS, UFIRS, principles of report writing, pre-fire survey, post-fire analysis and reporting, research and planning.

Transfer credit: CSU

FT R167—Fire Apparatus and Equipment 3 units

Prerequisites: FT R151.

3 hours lecture weekly

Fire apparatus design, specifications, and performance capabilities; effective utilization of apparatus in fire service emergencies.

Transfer credit: CSU

FT R168—Fire Investigation**3 units***3 hours lecture weekly*

Determining cause of fires (accidental, suspicious, and incendiary); types of fires; related laws, introduction to arson and incendiarism; recognizing and preserving evidence; interviewing witnesses and suspects; arrest and detention procedures; court procedures and giving court testimony.

*Transfer credit: CSU***FT R169A—Emergency Medical Technician I*****8 units***Advisory: FT R153 or equivalent or hold a current standard first aid card.**8 hours lecture weekly*

Course covers the techniques of emergency medical care presently considered to be within the responsibilities of ambulance attendants and others engaged in the delivery of emergency services. This course is approved by the California State Department of Emergency Services. Upon successful completion of the course, the student will be eligible to sit for the written and skills certifying examinations administered by the County of Ventura Emergency Medical Services. A non-credit 10 hour clinical component is required in addition to the classroom time. Materials fee is required. Course may be taken four times.

Transfer credit: CSU

GEOGRAPHY

Career Opportunities

B.A. Level

(All careers require a bachelors or advanced degree)

Aerial Photo Interpreter	Cartographer
Demographer	Economic Geographer
Environmental Impact Analyst	Regional Analyst

Faculty**Full-Time**

Thomas O'Neil

Part-Time
 Rodney Brown
 Christine Mainzer

Geography Courses

GEOG R101—Elements of Physical Geography**3 units***3 hours lecture weekly*

Physical geography as a spatial study investigates the "human/environment" interaction process incorporating the elements of the atmosphere, lithosphere, hydrosphere, and biosphere. Global environmental issues will also be reviewed. (2)

*Transfer credit: UC, CSU (CAN: GEOG 2)***GEOG R101L—Physical Geography Lab****1 unit***Prerequisites: GEOG R101 (may be concurrent) or equivalent.**3 hours lab weekly*

Laboratory to accompany GEOG R101. Introduction to earth-sun relationships, interpretation of area maps, applied methods of measurement, and descriptive analysis of the physical landscape, including landforms, climate, soils, and vegetation. (2)

*Transfer credit: UC, CSU***GEOG R102—World Cultural Geography****3 units***3 hours lecture weekly*

Introduction to the broad field of geography, its objectives, principal divisions, basic principles, and applications to present-day world problems; understanding human society in relation to the earth environment with emphasis on cultural elements; geographic analysis of major world regions. Field trips as required (may be scheduled on Saturday). (2)

*Transfer credit: UC, CSU (CAN: GEOG 4)***GEOG R103—Introduction to Weather and Climate****3 units***3 hours lecture weekly*

An introduction to the earth's atmosphere, the methods employed in analyzing and understanding weather phenomena are investigated. Global

changes in climate patterns and human modification and impact of weather systems are also examined. (2)

*Transfer credit: UC, CSU***GEOG R104—Geography of California****3 units***3 hours lecture weekly*

Examines physical and cultural environment of California's diverse landscapes, including climate, vegetation, natural resources, economic activities, and settlement in the Golden State. Special emphasis given to the Oxnard Plain. (2)

Transfer credit: UC, CSU

GEOLOGY

Career Opportunities

B.S. Level
 Consulting Geologist
 Engineering Geologist
 Geological Technician
 Environmental Geologist

 Field Geologist
 Laboratory Research Worker
 Petroleum Geologist
 Marine Geologist
Faculty**Full-Time**

Thomas O'Neil

Part-Time
 Monem Abdel-Gawad
 Mark Rickertsen
 Joseph Saenz

Geology Courses

GEOL R101—Physical Geology**3 units***3 hours lecture weekly*

Introductory study of structure of the earth, crustal composition, and dynamic forces that shape the earth's surface. Landscape evolution and rock identification are stressed in a framework of geologic time. Course is designed to give students a better appreciation and understanding of their physical surroundings and environment. (2)

*Transfer credit: UC, CSU (CAN: GEOL 6; GEOL 101 & 101L - CAN: GEOL 2)***GEOL R101L—Physical Geology Laboratory****1 unit***Prerequisites: GEOL R101 or concurrent enrollment.**3 hours lab weekly*

Introduction to study of geologic and topographic map reading and analysis; also, study of subsurface techniques utilized in determining subsurface structure as well as evolution of present-day landscape. Rock forming mineral identification and rock identification are stressed. Field trips are required. (2)

*Transfer credit: UC, CSU (CAN: GEOL 2 -GEOL 101 & 101L)***GEOL R102—Earth's History****3 units***Prerequisites: GEOL R101 or GEOL R104.**3 hours lecture weekly*

Geologic history of the earth; evolution of continents, ocean basins, and major landforms; development of plant and animal life as revealed in the fossil record; emphasis on geology of Ventura basin. (2)

*Transfer credit: UC, CSU***GEOL R103—Introduction to Oceanography****3 units***3 hours lecture weekly*

Broad survey of the field of oceanography, Science of the Seas, with emphasis on processes of marine geology. Discusses major fields that comprise oceanography, which include geography and geology of ocean basins and coastlines, dynamic forces of plate tectonics, characteristics and work of waves, currents, tides, properties of sea water, and methods of oceanographic exploration. Provides introduction to marine biology, emphasizing relationship of biotic assemblages to conditions imposed by depth, salinity, temperature, and other physical parameters. Use of scientific inquiry and experimental design will be emphasized. (Same as MST R103) (2)

Transfer credit: UC, CSU

GEOL R103L—Introduction to Oceanography**Laboratory****1 unit***Prerequisites: GEOL R103 or concurrent enrollment**3 hours lab weekly*

Experimental studies of the basic methods of data collection and interpretation in physical oceanography in both the laboratory and field. Field trips and boat fees may be required. (Same as MST R103L)

*Transfer credit: UC, CSU***GEOL R104—Geology of the National Parks and Monuments****3 units***3 hours lecture weekly*

Survey of various national parks and monuments and divergent theories of their origins. Numerous park and monument features and their geologic causes, including climatic and biotic factors, are emphasized through lectures, rock specimens, and visuals. (2)

*Transfer credit: CSU***GEOL R105—Geology of California****3 units***Prerequisites: GEOL R101 or GEOL R104.**3 hours lecture weekly*

Physical and historical geology of California. Consideration given to the twelve geomorphic provinces within California, their rocks and minerals, and processes which produced their varied landscapes. Stratigraphic record discussed with particular reference to important geological formations found within the state. (2)

*Transfer credit: UC, CSU***GEOL R106A—Field Geology of the Southwest I****2 units***Prerequisites: GEOL R101, GEOL R104, or GEOL R105.**24 hours lecture, 24 hours lab for one week*

Field investigation of geologic phenomena with emphasis on the origin and development of the geology of selected areas of the Southwest. Principle component of this course is a multi-day field trip scheduled during the vacation periods. Students are responsible for providing camping equipment and food. Materials fee is required. (2)

*Transfer credit: CSU***GEOL R106B—Field Geology of the Southwest II****2 units***Prerequisites: GEOL R106A.**24 hours lecture, 24 hours lab for one week*

Field investigation with emphasis on recognition of geologic phenomena. Principle component of this course is a multi-day field trip scheduled during the vacation periods. Students are responsible for providing camping equipment and food. Materials fee is required. (2)

*Transfer credit: CSU***GEOL R107—Geologic Hazards****3 units***3 hours lecture weekly*

Application of geology to naturally-occurring problems such as earthquakes, volcanoes, landslides, ground water pollution. Local conditions emphasized. Field trips may be required. (2)

*Transfer credit: UC, CSU***GEOL R110—Mineralogy****5 units***Prerequisites: GEOL R101, GEOL R101L, CHEM R110; CHEM R120 is recommended for Geology majors.**3 hours lecture, 6 hours lab weekly*

Study of principal rock-forming minerals, plus those of economic value. Crystallography, mineral chemistry, physical properties, occurrence, origin and association of common minerals emphasized. Field trips may be required. (2)

*Transfer credit: UC, CSU***GEOL R178—Geological Marine Resource Management****1 unit***Corequisites: BIOL R170.**3 hours lab weekly*

Topics in related areas in marine geology related to current resource management issues in this region. Study of requirements and applications of federal, state, and local laws and regulations related to marine resource management. Field trips will be to natural areas where geological, biological, and oceanographic interactions can be observed. Course may be taken four times. (Same as MST 178) (2)

*Transfer credit: CSU***GEOL R199—Directed Studies in****Geology/Oceanography****1-3 units***Lecture and/or lab hours as required by unit formula*

Designed for students interested in furthering their educational knowledge of geology on an independent study basis. Course may be taken two times. (2)

Transfer credit: UC, CSU

HEALTH EDUCATION

Graduation Requirements for the Associate in Arts and Associate in Science Degrees: Health Science is not a requirement for enrollment in the college. However, students who wish to earn an Associate in Arts degree must successfully complete a minimum of one Health Education course and one Physical Education activity course, without exemption.

Summer school Health Education classes may count toward fulfilling requirements for an Associate in Arts degree.

Career Opportunities

Health Science Instructor

Nutritionist

Faculty

Full-Time

Gary Brinkman

Remy McCarthy

Joyce Parkel

Jerry White

Part-Time

Bill Becktel

Marti Dibble

Marcia Greycloud

◆ Health Information Technology

Associate in Science Degree

This program prepares students for a career working in health care settings with computers and medical records. Health Information Technologists (also referred to as medical record technicians) perform technical and organizational activities with medical records.

Required Courses**		Units
BUS R021	Medical Terminology	3
CIS R020A	Introduction to Microcomputers	2
BUS R121	Introduction to Management	3
HIT 100	Introduction to Health Information Management	3
HIT 200	Clinical Classification Systems: ICD-9-CM	3
HIT 210	Clinical Classification Systems: CPT Procedural Coding	2
HIT 220	Statistical Applications in Health Care	2
HIT 230	Alternative Delivery Systems	2
HIT 240	Clinical Quality Assessment and Improvement	1
HIT 250	Data Quality and Reimbursement Methodologies	3
HIT 275	Professional Directed Practice	3
HS M17	Health Care Ethics	3
HS M21	Introduction to the U.S. Health Care System	3
HS M23	Pharmacology for Allied Health	2
HSM25	Basic Pathophysiology	3
Total Core Requirements		38

**All HIT classes are with Santa Barbara City College and all HS classes are with Moorpark College, refer to their catalogs for full course information. These courses will be provided through distance learning.

Required General Education Courses		Units
ANAT R100	General Human Anatomy	2
ANAT R100L	General Human Anatomy Lab	2
PHSO R100	Human Physiology	3
PHSO R100L	Human Physiology Lab	2
SPCH R101	Introduction to Oral Communications	3
ENGL R101	College Composition	4

MATH R105	Introductory Statistics	4
PSY R101	General Psychology	3
OR		
PSY R102A	Interpersonal Relations	3
	General Education Elective Units	14
Total Required General Education		37
Total Required Units		75

Health Education Courses

HED R010—CPR ½ unit

½ hour lecture weekly

Training in the life-saving techniques which combines artificial respiration and external chest compression. Class also covers obstructed airway management and pediatric resuscitation. Students who successfully complete the course receive certification from the American Heart Association or the American Red Cross. Materials fee is required. Course may be taken four times. (2)

HED R011—Fitness Assessment ½ unit

½ hour lecture weekly

Provides instruction which will aid the participant in utilizing the fitness data gathered concerning body composition, blood pressure, flexibility, heart rate, exercise pulse rate and recovery, diet, back, leg, and hand strength, and cardiovascular efficiency. Students will plan individualized fitness programs based on measurable data. Materials fee is required. Course may be taken four times. (1)

HED R098—Short Courses in Health Education ½-10 units

Lecture and/or lab hours as required by unit formula

Short courses or activities designed to inform and/or train interested persons in various disciplines within the scope of health education. Unit/credit hours determined by course format. (2)

HED R101—Health and Society 2 units

2 hours lecture weekly

Consideration of the nature and function of health in our social pattern; an analysis of major health problems designed to contribute to students' understanding of their roles as individuals and as contributing members of the community's efforts to implement advances of medicine and health sciences. (2)

Transfer credit: UC, CSU

HED R102—Fitness/Nutrition/Health 3 units

3 hours lecture weekly

A study of the knowledge and skills required to make wise decisions about personal lifetime fitness, nutrition, and health life styles. Topics include definition and importance of physical fitness components; health related physical fitness self-appraisal; nutrition for health and wellness; principles of exercise program design; designing an individualized physical fitness program; assessment of current personal life style and risk factors; health and fitness consumer awareness and decision-making; exercise benefits and potential exercise risks; exercise options; and AIDS and STD's. Materials fee may be required. (2)

Transfer credit: UC, CSU

HED R103—Women's Health 3 units

3 hours lecture weekly

Consideration of the nature and function of women's health in our society; an analysis of major female health problems designed to contribute to students' understanding of women's role as individuals and contributing members of the community's efforts to implement advances in medicine and health sciences. Materials fee may be required. (2)

Transfer credit: UC, CSU

HED R104—Family and Personal Health 3 units

3 hours lecture weekly

A broad study of the knowledge and skills necessary for family and personal health and wellness. Course covers the prevention, assessment, and treatment of common health problems. Topics include health and wellness; communication; substance abuse; human sexuality, behavior, reproduction, STD's, and parenting; sexually transmitted diseases; stress and stress management; mental health, nutrition, fitness, and weight control; aging, dying, death, and health care; and communicable and non-communicable diseases. Materials fee may be required. (2)

Transfer credit: UC, CSU

HED R105—First Aid and Personal Safety 3 units

3 hours lecture weekly

Develops safety awareness and positive reactions to emergency situations. Course covers ways of reacting to persons suffering from traumatic shock covered, as well as ways of interacting with and calming family members of injured persons. Includes, but not limited to, recognition and standard treatment procedures for bleeding, poisoning, fractures, breathing emergencies, unconsciousness, shock and identification and prevention of sexually transmitted diseases, and preventative drug education. Students successfully completing course receive American Red Cross Standard First Aid Card and Community CPR Cards. Materials fee is required. (2)

Transfer credit: UC, CSU

HED R106—The Trainer and Athletic Injuries 2 units

1 hour lecture, 3 hours lab weekly

Introductory course in basic concepts and skills of the athletic trainer, training room practice, medical aspects of athletic training, athletic therapy modalities, strength, conditioning and rehabilitation, and diagnostic techniques; practical experience is provided in taping and for prevention and care of the athletically injured. (2)

Transfer credit: UC, CSU

HISTORY

Career Opportunities

Archivist	Curator
Claims Adjuster	Editor
Guidance Counselor	Sales Manager
Insurance Agent/Broker	Traffic Analyst/Manager
Administrative Officer (federal, state, county, municipal)	

Faculty

Full-Time	Part-Time
Scott Corbett	Alex Escobell
Carolyn Dorrance	Steve McHargue
Ishita Edwards	Mark Scott
Tomas Salinas	William Thrasher
Winston Sarafian	

◆ History

Associate in Arts Degree

Required Courses:	Units
Complete a total of 12 units, one from each of the following groups:	
A. HIST R102	History of the United States I 3
HIST R103	History of the United States II 3
B. HIST R105	Introduction to Western Civilization I 3
HIST R106	Introduction to Western Civilization II 3
C. HIST R107	History of the Mexican People in the US 3
HIST R108	African-American History 3
HIST R109	The History of Mexico 3
HIST R112	Great American Women 3
HIST R117	History of American Women 3
D. HIST R114	Modern Asia 3
HIST R115	History of the Americas I 3
HIST R116	History of the Americas II 3

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Required Additional Courses: Units

In addition, complete 6 units from any History courses not used to satisfy the 12-unit requirement above. (Students majoring in History and planning to transfer to the UC System must complete 6 units from groups A and B and 3 units from C and D.)

6

Total Required Units 18

(Some classes may not transfer.)

History Courses

HIST R102—History of the United States I 3 units

3 hours lecture weekly

Survey of creation and development of American Society to 1865. Analysis of impact of both individuals and groups, evaluation of issues of religion, race, reform, revolution, responsive government, sectionalism, and expansion. Course satisfies degree requirements in American Institutions.

Transfer credit: UC, CSU (CAN: HIST 8)

HIST R103—History of the United States II 3 units

3 hours lecture weekly

Evaluation of social and political adjustment from 1865 to present. Significant historical events and issues that affect contemporary Americans surveyed and analyzed by examining significant individuals and groups. Such issues and events as westward expansion, industrial development, ethnic confrontations and contributions, religious toleration, social and political reform movements, and international involvements explored. Course satisfies degree requirements in American Institutions.

Transfer credit: UC, CSU (CAN: HIST 10)

NOTE: The year sequence of HIST R102-R103 is required for history majors and recommended for other students who want a thorough survey of the political and social development of the United States; either semester may be taken independently.

HIST R104—History of California 3 units

3 hours lecture weekly

Survey of Native American, Spanish, Mexican, and American periods of California with consideration of political, social, and cultural developments. (2)

Transfer credit: UC, CSU

HIST R105—Introduction to Western Civilization I 3 units

3 hours lecture weekly

A study, from prehistoric sources to the 17th century, of the evolution of Mediterranean and European civilizations. An interdisciplinary approach relates social and political developments with cultural trends in religion, philosophy, art, music, literature and sports. Appropriate comparisons are made to the legacy of civilizations in India, China, Japan, Africa and Meso-America. Field trips may be required. (2)

Transfer credit: UC, CSU (CAN: HIST 2)

HIST R106—Introduction to Western Civilization II 3 units

3 hours lecture weekly

An interdisciplinary survey of the development of modern European civilizations in relation to world history. Topics include the intellectual and political roots of the modern nation-state, the consequences of the industrial revolution, the emergence of bourgeois society, the impact of European colonialism on Asian and African civilizations and sources of war and revolution in the 20th century. Field trips may be required. (2)

Transfer credit: UC, CSU (CAN: HIST 4)

HIST R107—History of the Mexican People in the United States 3 units

3 hours lecture weekly

Historical survey of the Mexican/Chicano from pre-Columbian period to present. Course provides background for contemporary achievements, problems, possibilities, and prospects. Emphasis on Mexican settlement of the region and contributions of the Mexican/Chicano to development of the United States. Course satisfies degree requirements in American Institutions. (Same as CHST 107)

Transfer credit: UC, CSU

HIST R108—African-American History 3 units

3 hours lecture weekly

Analysis of history of African-Americans in the United States from African background to present with special emphasis on contemporary implications of historical events. Considers major roles played and contributions made both collectively as a people and by specific individuals in development of United States of America as well as institutions, trends, movements, and problems affecting Black America. Course satisfies degree requirements in American Institutions.

Transfer credit: UC, CSU

HIST R109—The History of Mexico 3 units

3 hours lecture weekly

Course presents major historical developments and personalities which have shaped the Mexican nation. Emphasis on Mesoamerica, colonial and national periods, relationship between Mexico and the United States, and role in the world community. (2)

Transfer credit: UC, CSU

HIST R110—History of the Middle East 3 units

3 hours lecture weekly

Survey of historical developments in this strategic crossroad of the world's cultures. Religious, political, economic, and cultural patterns established in the name of Islam and the impact of Western European policies studied. Analysis of contemporary issues such as Arab-Israeli relations, petro-politics, and socialist revolutions offered. (2)

Transfer credit: UC, CSU

HIST R111—Science and Culture in the Western Tradition 3 units

3 hours lecture weekly

A philosophical and cultural survey of the history of science and technology from classical Greece to 20th century physics. Examines the historical dynamics of scientific discovery and the social impact of technological innovation. Surveys all major periods of Western Civilization. (2)

Transfer credit: UC, CSU

HIST R112—Great American Women 3 units

3 hours lecture weekly

A socio-historical analysis of great American women. Biographical data examined in an attempt to determine how the socio-historical milieu influenced the lives of these great women. (Same as SOCR112) (2)

Transfer credit: UC, CSU

HIST R113—Classical Asia 3 units

3 hours lecture weekly

Survey of the classical, social, cultural and political foundations of India, China, Japan and Korea from their beginnings as civilizations to the modern period. Complements HIST R114. (2)

Transfer credit: UC, CSU

HIST R114—Modern Asia 3 units

3 hours lecture weekly

Survey of historical developments in Asian societies since the 16th century. Course focuses on impact of contact with western societies, national independence movements, political and economic development, sources of war and contemporary social changes. Field trips may be required. (2)

Transfer credit: UC, CSU

HIST R115—History of the Americas I 3 units

3 hours lecture weekly

Study of Spanish, Portuguese, French, and English conquest, exploration and colonization of the new world, and main developments in Colonial life in each area up to independence. (2)

Transfer credit: UC, CSU

HIST R116—History of the Americas II 3 units

3 hours lecture weekly

Study of comparative development of the American nations since independence, considering their constitutions, leadership, religions, relations with each other, and their adjustment to the principle of democracy. (2)

Transfer credit: UC, CSU

HIST R117—History of American Women 3 units

3 hours lecture weekly

Survey of the historical experience of women in America including comparisons of Native-American, African-American, Chicana-American, Asian-American, and European societies. Several approaches to the study of history are used to explain the impact of religion, culture, law, social class economic roles and politics on the history of American women. (2)

Transfer credit: UC, CSU

HIST R118—Modern Russia: An Introduction 3 units*3 hours lecture weekly*

A survey of the history of Russia and the Soviet Union with an interdisciplinary focus on the religious, cultural, social, economic, political, military and diplomatic sources of change and continuity in Russia society. The causes of socialist revolution and the role of the Soviet Union in the world history of the 20th century will be examined. Perestroika and contemporary challenges will be viewed from an historical perspective. (2)

*Transfer credit: UC, CSU***HIST R119—Modern Africa 3 units***3 hours lecture weekly*

Course is designed to trace some of the major themes of the historical development of African societies, cultures and the evolution of African nations from the early 15th century to the present. Major themes addressed include the effects of the construction of world economic systems on African cultures and civilizations, the evolution of imperialistic dominate systems that drew Africa into European imperial systems, the weakening of the system and the control Europe exercised over Africa and Africans, the development of African nations and their eventual independence, and the problems and issues facing individual African nations since independence and the inter- and intra-group relations on the continent in contemporary times. (2)

*Transfer credit: UC, CSU***HIST R120—History of the American Indian 3 units***3 hours lecture weekly*

Surveys the history of the indigenous peoples of the Western Hemisphere from pre-Columbian times to the present and emphasizes the peoples and cultures of North America.

*Transfer credit: UC, CSU***HIST R121—US Multicultural/Migration 3 units***3 hours lecture weekly*

A study of the processes that have stimulated immigration to the United States and the experiences of those immigrants from the 18th century to the present. It examines questions and issues of assimilation, multiculturalism, cultural blending, Nativism and xenophobia relating to particular groups and the interactions between different groups and the larger society and culture of the United States. (2)

*Transfer credit: UC, CSU***HIST R199—Directed Studies in History 1-3 units***Prerequisites: A course in the specific field.**Lecture and/or lab hours as required by unit formula*

Designed for students interested in furthering their knowledge of history on an independent study basis. Assigned problems will involve library and field work. Course may be taken two times.

Transfer credit: UC, CSU

HOTEL & RESTAURANT MANAGEMENT

The hospitality industry continues to be one of the fastest growing in the state. By 2006, the World Travel and Tourism Council projects that the hospitality/travel/tourism industry will have grown to be the world's largest, generating \$7 quadrillion and employing 11 percent of the world's workforce. There is an immense need for knowledgeable managers who can master today's and tomorrow's technology--and across-the-board need being driven by major hotel and restaurant chains as well as privately owned hotels, clubs, and restaurants.

Career Opportunities

A.S./Certificate Level

Baker	Line Cook
Restaurant Manager	Hotel Manager Trainee
Food Service Manager Trainee	
Commercial-Recreation Management Trainee	

B.S. Level
Instructor
Hotel Sales Manager

Club Manager
Restaurant Manager/Owner

Faculty

Full-Time

Frank Haywood

Part-Time

Abdallah Al-Sadek
Dirk Boon
Ed Buckle
Rosa Gascoigne
Richard Harnden
Jon Lodi
Henri Patey
Gaye Warren

◆ Hotel & Restaurant Management

Associate in Science Degree**Certificate of Achievement****Culinary Arts**

This program prepares students for entry-level positions as a culinarian, baker, or foodservice manager trainee. In these positions, employees are required to prepare menus, requisition supplies, supervise equipment, maintain varied records, and coordinate data with accountants and others in the organization.

Upon completion of the following classes, students will receive a Certificate of Achievement from the Ventura County Community College District.

Required Courses:	Units
HRM R100 Introduction to Hospitality	2
HRM R102A Quantity Food Preparation	7
HRM R102B Food Preparation Management	4
HRM R103A Baking Techniques	6
HRM R104 Sanitation	3
HRM R105 Gourmet/Garde Manger	4
HRM R107 Dining Room Service	3½
HRM R109 Management by Menu	3

Total Required Units for VCCCD Certificate 3½

Students who wish to work toward certification from the *American Culinary Federation Educational Institute (ACFEI)* must complete the following classes also:

HRM R106 Nutrition in Food Service	2
HRM R111 Food Purchasing and Receiving	3½
HRM R113 Bar and Beverage Management	3
HRM R114 Hospitality Supervision	3

Total Required Units for VCCCD and ACFEI Certificates 44**Recommended Elective Courses:**

HRM R102I Food Theory	3
BUS R030 Business Mathematics	3

Restaurant Management

This program prepares students to obtain employment in the restaurant management field as foodservice unit managers, multi-unit managers, corporate executives, or corporate trainers. Career opportunities for trained personnel are almost limitless.

Upon completion of the following classes, students will receive a Certificate of Achievement from Ventura County Community College District.

To receive the A.S. Degree, students must also complete General Educational requirements. It is recommended that students make an appointment with a counselor to complete an educational plan.

Required Courses:	Units
CISR020A Introduction to Microcomputers	2
HRM R100 Introduction to Hospitality	2
HRM R102A Quantity Food Preparation	7
HRM R102B Food Preparation Management	4
HRM R104 Sanitation	3

HRM R108	Facilities and Equipment	3
HRM R110	Food and Beverage Cost Control	3
HRM R114	Hospitality Supervision	3
HRM R115	Hospitality Marketing	3
Take a minimum of two (2) classes from the following:		
HRM R102B	Food Preparation Management	4
HRM R107	Dining Room Service	3½
HRM R109	Management by Menu	3
HRM R111	Food Purchasing and Receiving	3½
HRM R112	Food and Beverage Management	3
Total Required Units		36 - 37.5

Recommended Electives:

BUS R030	Business Mathematics	3
HRM R106	Nutrition in Food Service	2
HRM R108	Facilities and Equipment	3
HRM R116A	Hospitality Accounting I	3
HRM R119	Hospitality Law	3
HRM R122	Hospitality Human Resource Management	3

Hotel Management

This program prepares students for hospitality management positions at the entry- or mid-level. The curriculum gives students a thorough understanding of management principles and the operation of every department.

Upon completion of the following courses, students will receive a Certificate of Achievement from Ventura County Community College District.

To receive the A.S. Degree, students must also complete General Educational requirements. It is recommended that students make an appointment with a counselor to complete an educational plan.

Required Courses:		Units
CISR020A	Introduction to Microcomputers	2
HRM R100	Introduction to Hospitality	2
HRM R108	Facilities and Equipment	3
HRM R112	Food and Beverage Management	3
HRM R114	Hospitality Supervision	3
HRM R115	Hospitality Marketing	3
HRM R116A	Hospitality Accounting I	3
HRM R117	Front Office Procedures	3
HRM R118	Housekeeping Management	2
HRM R119	Hospitality Law	3
HRM R120	Facilities Management	3
HRM R121	International Hotel Management	3
HRM R122	Hospitality Human Resources Management	3
Total Required Units		39

Recommended Electives:

BUS R030	Business Mathematics	3
HRM R102A	Quantity Food Preparation	7
HRM R104	Sanitation	3
HRM R107	Dining Room Service	3½
HRM R110	Food and Beverage Cost Control	3
HRM R116B	Hospitality Accounting II	3
HRM R190	Internship in HRM	3

Hotel & Restaurant Management Courses

HRM R001—Introduction to Food Service 3 units

1 hour lecture, 6 hours lab weekly

Students will learn basic cooking skills that can be applied in any type or level of food service operation. Emphasis is placed on understanding how to cook rather than simply presenting a set of unrelated recipes. Students will get hands-on experience preparing and presenting food for various campus activities as well as lab assignments to local food service establishments. Field trips may be required. Course may be taken two times. (2)

HRM R098—Short Courses in Hotel & Restaurant Management ½-10 units

Lecture and/or lab hours as required by unit formula

Specialized workshops designed to train or update workers in hotel and restaurant field. Content of courses designed specifically for participants. Total workshop credit limited to 10 units. (2)

HRM R100—Introduction to Hospitality 2 units

2 hours lecture weekly

Overview of the hospitality industry, its history and interrelationships of hotel, restaurant, travel, and leisure industries. Economic and social influences of leisure. Emphasis on attitude required of a person seeking a position in the industry. Required course for ACEFI, AHMAEI, and EFNRA. (2)

Transfer credit: CSU

HRM R102A—Quantity Food Preparation 7 units

Prerequisites: Negative TB test.

Advisory: HRM R100.

3 hours lecture, 12 hours lab weekly

Study and laboratory experience of quantity food preparation (i.e. school cafeteria); introduction and application of principles and procedures of basic food preparation, emphasis on equipment, tools and the proper utilization of time and use of leftovers. Student lab hours will be assigned at a two-hour orientation meeting before the beginning of the semester. Required course for ACEFI and EFNRA. (2)

Transfer credit: CSU

HRM R102B—Food Preparation Management 4 units

Prerequisites: HRM R102A and negative TB test.

2 hours lecture, 6 hours lab weekly

Advanced study and laboratory experience of food preparation management. Application of advanced preparation, kitchen organization and supervision of food service workers emphasizing high production standards, recipe standardization, portion control, and food service sanitation. Students will receive experience in food service operations management. Field trips may be required. (2)

Transfer credit: CSU

HRM R102E—HRM Foods Lab 2 units

Prerequisites: Negative TB test.

Advisory: HRM R102A.

6 hours lab weekly

Supervised practice in the college-operated cafeteria and HRM kitchen. Food preparation in range, pantry, bakery and short order. Kitchen maintenance and care stressed. Course may be taken four times. (1)

Transfer credit: CSU

HRM R102G—Catering 4 units

Prerequisites: HRM R100, HRM R102A; negative TB test.

2 hours lecture, 6 hours lab weekly

Advanced learning and laboratory experience of performing the activities of supplying food, beverage, and organized food related services for social or special functions. Course includes on-premise and off-premise catering. (2)

Transfer credit: CSU

HRM R102I—Food Theory 3 units

Prerequisites: HRM R100, HRM R102A, HRM R102B.

2 hours lecture, 3 hours lab weekly

Course offers an in-depth study of food in relation to principles and techniques of food production. Emphasis is not only on control of reactions of chemical and physical properties of food when subjected to environmental conditions (i.e. heat, cold, air, and additives) but also on rudimentary procedures of food safety and food composition in relation to nutrition. (2)

Transfer credit: CSU

HRM R103A—Baking Techniques 6 units

Prerequisites: HRM R100, HRM R102A, and negative TB test.

3 hours lecture, 9 hours lab weekly

Course provides instruction in the preparation and/or use of pastries, pies, fillings, milk, starches, and leavening agents. Ratios and chemical reactions of ingredients are also stressed, as well as the effects of heat and refrigeration on products. Breads, rolls, Danish pastries, and puff pastries are demonstrated and practiced. After instruction, students calculate food cost and mark-up for retail sales of products. Required course for ACEFI. (2)

Transfer credit: CSU

- HRM R103B—Advanced Baking** 4 units
Prerequisites: HRM R103A or equivalent.
 2 hours lecture, 6 hours lab weekly
 Course provides instruction in methods and procedures of convenience and retail baking used in both hotels and restaurants, as well as retail bakeries. Advanced level skills in baking are taught. (2)
Transfer credit: CSU
- HRM R104—Sanitation** 3 units
 3 hours lecture weekly
 Course covers the principles of food microbiology, important foodborne diseases, standards that are enforced by regulatory agencies, and applied measures for the prevention of foodborne diseases and other microbiological problems. Describes the Hazard Analysis Critical Control Point (HACCP) system. Hazards, standards, and corrective actions are presented for important operations (i.e. cooking, cooling, hot holding, and reheating) that are critical control points for food safety. Covers current and valuable topics such as dealing with employees testing HIV positive; controlling pathogens that cause foodborne illness; and employee hazard communication programs. Required course for ACEFI and EFNRA. (2)
Transfer credit: CSU
- HRM R104B—Serving Safe Food** ½ unit
 ½ hour lecture weekly
 This course is designed to provide the food service professional meaningful training in food safety. Certification of competency is provided when the student successfully completes the training and the final exam. Course may be taken four times. (1)
Transfer credit: CSU
- HRM R105—Gourmet/Garde Manger** 4 units
Prerequisites: HRM R102A, HRM R102B and negative TB test.
 2 hours lecture, 6 hours lab weekly
 Develops special techniques and skills in quality saute and flambe cooking. Covers entree cooking and specialty food items, cooking with wine and herbs, exotic salads. Modern trends of garde manger (the art of decorating food for eye appeal) presentations showing the changing environment, updated concepts, and new ideas. Course may be taken two times. (2)
Transfer credit: CSU
- HRM R106—Nutrition in Food Service** 2 units
Prerequisites: HRM R100, HRM R102A.
 2 hours lecture weekly
 Course focuses on nutrition as it relates to personal health, foods and food preparation, menu planning and recipe modification, and marketing of food products for use in hotels, restaurants, and institutions. Required course for ACEFI and EFNRA. (2)
Transfer credit: CSU
- HRM R107—Dining Room Service** 3½ units
Prerequisites: HRM R100, HRM R102A.
 2 hours lecture, 4½ hours lab weekly
 Course provides proper methods of service in all types of eating establishments, from "mom and pop" operations to haute cuisine restaurants. A comprehensive presentation of what is needed to provide excellent service. Course may be taken two times. (2)
Transfer credit: CSU
- HRM R108—Facilities and Equipment** 3 units
Prerequisites: HRM R100, HRM R102A.
 3 hours lecture weekly
 Course looks at the steady growth of the foodservice industry combined with the need to control costs through more efficient facilities. Students will study the task of designing foodservice facilities step by step, from developing the initial concept to planning the project. Principles of design (the process itself, financing, construction, equipment, and final inspections) are covered in depth. Required course for EFNRA and AHMAEI. (2)
Transfer credit: CSU
- HRM R109—Management by Menu** 3 units
Prerequisites: HRM R102A.
 3 hours lecture weekly
 Course studies the menu as the central theme that controls or influences most foodservice functions. Examines basic principles of menu making, including all phases of menu planning, for today's trends. Ways to control costs and create interesting menus for different types of establishments in the hospitality industry are studied. Required course for ACEFI and EFNRA. (2)
Transfer credit: CSU
- HRM R110—Food & Beverage Cost Control** 3 units
 3 hours lecture weekly
 This course assists students in developing crucial financial management skills through key terms and concepts as well as procedures for analyzing cost/volume/profit, determining costs, and using costs to monitor labor, food service and beverage operations. Field trips may be required. (2)
Transfer credit: CSU
- HRM R111—Food Purchasing and Receiving** 3½ units
Prerequisites: HRM R100, HRM R102A.
Corequisites: HRM R102B.
 3 hours lecture, 1½ hours lab weekly
 Course provides training in duties and functions of the professional food buyer; basic information on sources, grades, and standards for selecting food items stressing points on specifications; receiving, storing and issuing procedures. Students learn the principles and practices concerned with the purchasing and receiving of food, supplies, and equipment for various food service operations. Lab assignments include experience working with computerized food purchasing systems. Required course for ACEFI and EFNRA. (2)
Transfer credit: CSU
- HRM R112—Food and Beverage Management** 3 units
Prerequisites: HRM R100.
 3 hours lecture weekly
 This course gives students the foundation needed to make smart decisions in commercial and institutional food and beverage operations. Information concerning the latest operational trends is presented. Case studies developed by industry professionals give students practice solving problems like those experienced on the job. Internet exhibits and Web site addresses link students with valuable food and beverage resources. Field trips may be required. (2)
Transfer credit: CSU
- HRM R113—Bar and Beverage Management** 3 units
Prerequisites: HRM R100.
Advisory: HRM R102A, HRM R109.
 3 hours lecture weekly
 Covers all facets of bar and beverage management, including how to balance marketing and control objectives, plan the business, select and train employees, and establish and maintain control systems. Features in-depth material on responsible alcohol service and essential information on a wide range of beverage products, including non-alcoholic drinks and wines. Required course for AHMAEI and EFNRA. (2)
Transfer credit: CSU
- HRM R114—Hospitality Supervision** 3 units
Prerequisites: HRM R100, HRM R102A.
Advisory: HRM R102B.
 3 hours lecture weekly
 This course covers the concepts, theories, and principles behind good supervisory practice. Students will study communications, motivation and work climate, job descriptions, recruitment and selection, performance evaluation, employee discipline, and controlling. The legal aspects of recruitment, selection, evaluation, and discipline are thoroughly discussed. Principles of good people management are presented in terms of how they apply on the job. Required course for ACEFI, AHMAEI, and EFNRA. (2)
Transfer credit: CSU

HRM R115—Hospitality Marketing**3 units***Prerequisites:* HRM R100.*Advisory:* HRM R102A, BUS R132.*3 hours lecture weekly*

An in-depth look at proven marketing strategies specific to hospitality services. Demonstrates how hotels, motels, and resorts can promote their unique features and compete more effectively in their market. Required course for AHMAEI and EFNRA. (2)

Transfer credit: CSU**HRM R116A—Hospitality Accounting I****3 units***Prerequisites:* HRM R100.*Advisory:* BUS R001 or BUS R101A.*3 hours lecture weekly*

Basic introduction to accounting as it applies to the hospitality industry, focusing on the steps in the accounting cycle. Emphasizes the preparation of financial statements. Required course for AHMAEI and EFNRA. (2)

Transfer credit: CSU**HRM R116B—Hospitality Accounting II****3 units***Prerequisites:* HRM R116A or equivalent.*3 hours lecture weekly*

This course builds upon fundamentals of hospitality industry accounting, emphasizing interpretation of hotel financial statements, revenue and expense accounting, inventory methods, payroll, internal controls and other accounting functions unique to the needs of the hospitality industry. Required course for AHMAEI and EFNRA. (2)

Transfer credit: CSU**HRM R117—Front Office Procedures****3 units***Prerequisites:* HRM R100.*3 hours lecture weekly*

This course features information on today's front office computer technology, yield management, and reservation systems. Students will learn the effects of the front office on the overall operation of a hotel and will work step by step through the front office guest cycle. Outlines the role of front office management and discusses how guest concerns shape management strategies and procedures for front office tasks. Required course for AHMAEI. (2)

Transfer credit: CSU**HRM R118—Housekeeping Management****2 units***Prerequisites:* HRM R100, HRM R114.*2 hours lecture weekly*

Provides a thorough overview of all aspects of housekeeping management, from the big picture of maintaining a quality staff, planning, and organizing to the technical details of cleaning each area of the hotel. Shows the critical role the housekeeping department plays in maintaining guest satisfaction and explains the pressures and demands facing today's housekeeping executives. Required course for AHMAEI. (2)

Transfer credit: CSU**HRM R119—Hospitality Law****3 units***Prerequisites:* HRM R100.*Advisory:* BUS R111A.*3 hours lecture weekly*

Explains the legal considerations of hospitality property management in straightforward, easy-to-understand terms. Explores important legislation affecting hospitality operations and helps students learn to recognize legal pitfalls before they become problems. Includes comprehensive coverage of food and beverage laws. Required course for EFNRA and AHMAEI. (2)

Transfer credit: CSU**HRM R120—Facilities Management****3 units***Prerequisites:* HRM R100 and HRM R108.*Advisory:* HRM R119 recommended.*3 hours lecture weekly*

This course offers students everything they will need to know as operations managers to work effectively with the engineering/maintenance department. Covers all major facility systems and features special contributions from leading experts, including the most current information on telecommunication systems, lodging and food service planning and design, and renovation. Required course for AHMAEI. (2)

Transfer credit: CSU**HRM R121—International Hotel Management****3 units***3 hours lecture weekly*

This course introduces students to the unique challenges and opportunities in managing hotels in the rapidly changing global arena. The course features extensive coverage of cultural diversity issues, strategies for attracting guests from around the world and meeting their unique needs. Material covered includes profiles of major international chains and advertising campaigns. Field trips may be required. (2)

Transfer credit: CSU**HRM R122—Hospitality Human Resources Management****3 units***3 hours lecture weekly*

This course prepares students to manage vital human resource issues that affect the hospitality industry. The class targets turnover rate and retention, recruitment, key employment law and applications, unions and collective bargaining in the industry, and connects the students with real-world hospitality experiences. Field trips may be required. (2)

Transfer credit: CSU**HRM R190—Internship in HRM****3 units***Prerequisites:* Completion of a total of 18 units of HRM courses to include HRM R100 and HRM R117.*9 hours lab weekly*

Provides supervised work experience and gives hands-on training in hotels and/or restaurants. Students learn about different departments in the establishment(s). Required course for AHMAEI. (2)

Transfer credit: CSU

INTERDISCIPLINARY STUDIES

Faculty**Full-Time**

Carolyn Dorrance

Linda Kamaila

◆ Bilingual/Cross-Cultural**Associate in Arts Degree****Required Courses:**

	Units
ENGL R102	Critical Thinking and Composition
	Through Literature
ENGLR122	Chicano/a Literature
HIST R107	History of Mexican People in the US
HIST R109	History of Mexico
SPAN R103	Intermediate Spanish I
SPAN R104	Intermediate Spanish II
SPAN R107	Hispanic American Culture
SPAN R108	Composition in Spanish
	3

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Required Additional Courses:

Select one from each of the following sequences:

PSY R114	Psychological Issues of the Mexican People in the Southwest	3
OR		
IDS R189CDE	Cross-Cultural Experiences with Migrant Children	3
ART R189A	The Art of Mexico	3
OR		
PER124	Mexican Folklorico Dance	1.5
OR		
THA R112	Chicano Teatro	3

CHST/SOC R108	Sociology of the Chicano Community	3
OR		
CD R107	Cross-Cultural Experiences with Children and Families	3
		75-9
Total Required Units		33.5-35

Interdisciplinary Studies Courses

IDS R101A—History of Ideas and Evolution of Culture I 3 units

Prerequisites: None. ENGL R101 or equivalent skills recommended.
3 hours lecture weekly

Course sequence provides opportunity of studying history and development of human thought and culture; interdisciplinary and cross-cultural in nature, looks at development of human thought from perspectives of art, music, philosophy, literature, science, language, religion, politics, mythology, technology, and social science in several cultures. Stages of civilization's development and possible parallels and causes examined and discussed. Although the two portions of course may be taken separately, it is recommended that they be taken in sequence to provide a more valuable learning experience. Course may be taken two times. (2)

Transfer credit: UC, CSU

IDS R101B—History of Ideas and Evolution of Culture II 3 units

Prerequisites: None. ENGL R101 or equivalent skills recommended.
3 hours lecture weekly

Course sequence provides opportunity of studying history and development of human thought and culture; interdisciplinary and cross-cultural in nature, looks at development of human thought from perspectives of art, music, philosophy, literature, science, language, religion, politics, mythology, technology, and social science in several cultures. Stages of civilization's development and possible parallels and causes examined and discussed. Although the two portions of course may be taken separately, it is recommended that they be taken in sequence to provide a more valuable learning experience. Course may be taken two times. (2)

Transfer credit: UC, CSU

IDS R102—Science, Technology, and Human Values 3 units

3 hours lecture weekly

Critical study of the historical and socio-cultural relationships between science, technology, and human values. Development of these relationships is traced from the advent of science and technology to the complexities of contemporary American society. (2)

Transfer credit: UC, CSU

IDS R110—Frontiers of Thought 3 units

3 hours lecture weekly

In-depth critical examination and evaluation of ideas found in selected writings concerned with current theories and trends in the natural and social sciences and humanities. Temper and direction of contemporary thought critically explored. Different perspectives as found in readings evaluated each semester. Field trips may be required. Course may be taken four times. (2)

Transfer credit: UC, CSU

IDS R189—Topics in Interdisciplinary Studies ½-10 units

Lecture and/or lab hours as required by unit formula

Topics in selected areas of Interdisciplinary Studies to meet specific needs of community or college as required or requested by persons whose needs are not met by regular course offerings. Field trips may be required. Course may be taken four times.

Transfer credit: UC, CSU

IDS R189C—Cross-Cultural Experiences with Migrant Children I 3 units

3 hours lecture weekly

Analysis of migrant families in the United States with special emphasis on how their special needs are addressed in California. Course designed to acquaint students with cross-cultural experiences with migrant children. Ways of working with various age migrant children explored. Philosophies and types of available cross-cultural programs examined. Different aspects and issues considered each semester.

Transfer credit: CSU

IDS R189D—Cross-Cultural Experiences with Migrant Children II 3 units

Prerequisites: IDS R189C.

3 hours lecture weekly

Analysis of migrant families in the United States with special emphasis on how their special needs are addressed in California. Course designed to acquaint students with cross-cultural experiences with migrant children. Ways of working with various age migrant children explored. Philosophies and types of available cross-cultural programs examined. Different aspects and issues considered each semester.

Transfer credit: CSU

IDS R189E—Cross-Cultural Experiences with Migrant Children III 3 units

Prerequisites: IS R189D.

3 hours lecture weekly

Analysis of migrant families in the United States with special emphasis on how their special needs are addressed in California. Course designed to acquaint students with cross-cultural experiences with migrant children. Ways of working with various age migrant children explored. Philosophies and types of available cross-cultural programs examined. Different aspects and issues considered each semester.

Transfer credit: CSU

IDS R198—Short Courses in Interdisciplinary Studies ½-10 units

Lecture and/or lab hours as required by unit formula

Courses and/or workshops in selected areas of Interdisciplinary Studies to meet specific needs of college or community as requested or required. Field trips may be required. (2)

Transfer credit: UC, CSU

IDS R199—Directed Studies in Interdisciplinary Studies ½-3 units

Prerequisites: A course in the specific field.

Lecture and/or lab hours as required by unit formula

Designed for students interested in furthering their knowledge of Interdisciplinary Studies on an independent basis. Assigned problems will involve library, lab, and field work. Course may be taken two times.

Transfer credit: UC, CSU

NOTE: The course listed below has been temporarily suspended. For further information, please contact the Liberal Education division office.

IS 189A/B Roman Culture/Latin Language

INTERPRETATION: ASL & ENGLISH

This program is designed to prepare students for entry-level work in the field of Sign Language Interpretation. Interpreters are employed in a vast array of settings such as education, rehabilitation, medicine, and in private practice. Due to recent federal legislation, the need for ASL interpreters is rising dramatically.

Students must be conversationally fluent in ASL before entering the Interpretation program, and must have completed 4 semesters of ASL. (See list of ASL prerequisites below.)

Students are expected to possess college level reading and writing skills, and must complete ENGL R101 (College Composition) before the second semester of their program.

Students can choose from an A.S. Degree in Interpretation (60.5 units) or a Certificate of Completion (45 units).

Faculty

Full-Time

Julie Lovejoy

Program Prerequisite Courses:		Units
ASLR101	Beginning American Sign Language I	3
ASLR102	Beginning American Sign Language II	3
ASLR103	Intermediate American Sign Language I	3
ASLR104	Intermediate American Sign Language II	3
Total Prerequisites		12

◆ Interpretation: American Sign Language & English

Associate in Science Degree Certificate of Achievement

Required Courses:		Units
INT R101	Introduction to ASL/English Interpreting	3
INT R102	Comparative Cultural Analysis	3
INT R103	Translation: ASL & English	3
INT R104	Consecutive Interpretation	3
INT R105	Simultaneous Interpretation	3
INT R106	Contrastive Linguistics: ASL & English	3
INT R107	Current Issues in Interpretation	3
INT R108	Internship/Seminar in Interpretation	3
INT R109	Portfolio Review	2
SOCR103	Race and Ethnic Group Relations	3
ENGL R101	College Composition	4
ASLR105	Advanced American Sign Language	3
ADSR106	Adult Children of Alcoholics	3
Total Core Requirements		39

Additional Required Courses:

Complete a minimum of six (6) units from the following:

ANTH R115	Introduction to Linguistics	3
PSY R101	General Psychology	3
SPCH R101	Introduction to Oral Communication	3
PHIL R111	Thinking Critically and Analytic Writing	3
OR		
ENGL R102	Critical Thinking and Composition Through Literature	3
Total Required Units		45

** Fluency in any language cannot be achieved in five semesters. However, for the purposes of this program, students must have completed five successive courses in ASL or the equivalent. Note: Additional G.E. courses are necessary to complete the A.S. degree; see your counselor for details.

Interpretation Courses

INT R101—Introduction to ASL/English Interpretation

3 units

3 hours lecture weekly

Course will introduce students to the field of ASL/English interpretation and will be of specific interest to those who are considering becoming interpreters or those who are purchasers/users of interpreting services. Topics will include perceptions of the Deaf community, role of the interpreter, the RID code of ethics, certifications, legal mandates, history of the field, and employment issues. (2)

Transfer credit: CSU

INT R102—Comparative Cultural Analysis

3 units

Prerequisites: ASL R105, SOC R103, INT R101.

3 hours lecture weekly

Students will explore the similarities and differences between their own culture(s) and the culture of the American Deaf community as it relates to the role of the interpreter. Course will introduce "third culture," values, norms, identities and traditions as they relate to the concept of the interpreter as cultural mediator. Portions of the course will be taught in ASL. Course may be taken two times.

Transfer credit: CSU

INT R103—Translation: ASL and English

3 units

Prerequisites: INT R102; ENGL R101 or concurrent enrollment.

3 hours lecture weekly

Course will introduce students to the practice of translation between American Sign Language and English texts. Discourse and text analysis will be introduced and emphasized throughout the course. As the first step toward simultaneous interpreting, translation enables students to discover meaning and render a translation without the time constraints of real-time interpretation. Students will produce final translations in both English and ASL. Course may be taken two times.

Transfer credit: CSU

INT R104—Consecutive Interpretation

3 units

Prerequisites: INT R103.

2 hours lecture, 3 hours lab weekly

Building on skills acquired in the translation course, students will practice interpretation in a consecutive manner, i.e., receiving a message in its entirety, analyzing the content for meaning, and producing an equivalent message in the target language. Continued study and practice of discourse and text analysis. Equal emphasis will be given to ASL and English texts.

Transfer credit: CSU

INT R105—Simultaneous Interpretation

3 units

Prerequisites: INT R104.

2 hours lecture, 3 hours lab weekly

Course will introduce students to the tasks involved in simultaneous interpretation. Unlike consecutive interpretation, simultaneous interpretation requires processing information and transmitting it into a second language within the same time frame as the course language. Emphasis will be on the transition process from consecutive to simultaneous interpretation. The advantages and limitations of both types of interpretation will be compared. Students will be given an opportunity to practice these new skills and will apply theoretical information to the actual task.

Transfer credit: CSU

INT R106—Contrastive Linguistics: ASL and English

3 units

Prerequisites: ASL R105.

3 hours lecture

Examination and analysis of the different ways in which ASL and English incorporate major linguistic features of language: morphology, phonology, syntax, semantics, and register. Discussion of euphemisms, metaphor, and direct/indirect address and its relation to the task of interpretation.

Transfer credit: CSU

INT R107—Current Issues in Interpretation

3 units

Advisory: INT R105.

3 hours lecture weekly

Course provides an overview of the various settings in which interpreters work: medicine, education, religion, performing arts, community services

and conferences. There will be special emphasis on the analysis and application of the Code of Ethics of the Registry of Interpreters for the Deaf. Topics will include consumer populations the professional interpreter encounters on a regular basis: elderly, children, multihandicapped, foreign-born, and visual-gestural.

Transfer credit: CSU

INT R108—Internship/Seminar in Interpretation 3 units

Prerequisites: INT R105, INT R107.

2 hours lecture, 3 hours lab weekly

Course provides experience in applied interpretation wherein students are placed in various agencies and organizations that service deaf people. Under the supervision and guidance of experienced mentor interpreters, student interns will observe interpreters at work and will interpret in low-risk situations. Seminar will focus on analysis of the experience as it relates to ethical considerations, problem-solving, and general business practices for freelance interpreters. Requires 50 hours of internship field-work, and three hours per week of seminar.

Transfer credit: CSU

INT R109—Portfolio Review 2 units

Prerequisites: INT R105 and INT R108.

1 hour lecture, 3 hours lab weekly

Final course in the ASL/English Interpretation Program. Students will prepare a personal portfolio of their interpreting skills which will include videotape samples of their interpreting work, an assignment of their strengths and weaknesses as an interpreter, a plan for individual skills remediation, essays on critical skills necessary for success as a professional interpreter, samples of business materials, and a personal plan for continuing education and achieving national certification. A successful portfolio review is required to exit the program with a certificate.

Transfer credit: CSU

JAPANESE

Career Opportunities

B.A. Level

Editor	Foreign Clerk
Translator	Tutor
Foreign Service Officer	Foreign-Exchange Trader

Faculty

Part-Time

Setsumi Kojima	Ted Wakai
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Japanese Courses

JAPN R001—Conversational Japanese 1 3 units

3 hours lecture weekly

This introductory basic conversational course emphasizes the acquisition of basic skills in pronunciation, listening, speaking, reading, and writing. Students will be introduced to the culture, history, and geography of Japan. Course may be taken two times. (2)

JAPN R002—Conversational Japanese 2 3 units

Prerequisites: JAPN R001.

3 hours lecture weekly

The second semester course in basic conversational Japanese offers further development of pronunciation, listening, speaking, reading, and writing skills. Exploration of culture, customs, and history in addition to and as related to language. Course may be taken two times. (2)

JAPN R101—Elementary Japanese I 5 units

5 hours lecture weekly

Course stresses the fundamentals of pronunciation, grammar, practical vocabulary, useful phrases and the ability to understand, speak, read and write basic colloquial Japanese, including basic Hiragana, Katakana and Kanji. Fundamental language acquisition develops through continual practice and is supplemented by study of culture and customs that influence language and behavior. (2)

Transfer credit: UC, CSU

JAPN R102—Elementary Japanese II

5 units

Prerequisites: JAPN R101.

5 hours lecture weekly

Course offers further emphasis on the fundamentals of pronunciation, grammar, practical vocabulary, useful phrases and the ability to understand, speak, read and write basic colloquial Japanese, including basic Hiragana, Katakana and Kanji. Fundamental language acquisition develops through continual practice and is supplemented by study of culture and customs that influence language and behavior. (2)

Transfer credit: UC, CSU

JAPN R199—Directed Studies in Japanese

1-3 units

Prerequisites: A course in the specific field.

Lecture and/or lab hours as required by unit formula

Designed for selected students interested in furthering their knowledge of Japanese on an independent basis. Assigned work will involve library, lab, and/or field work. Course may be taken two times. (2)

Transfer credit: UC, CSU

JOURNALISM

The journalism program provides students with a strong foundation in the basic writing and reporting skills used by many different media professionals. Journalism courses may be taken for CSU transfer credit and fulfill the lower-division requirements for journalism majors. Computer-assisted reporting skills, handling AP wire-service copy and PageMaker newspaper production techniques are emphasized. Students work on the award-winning student newspaper, *The Campus Observer*, as well as on internships with the local news media and OCTV.

Career Opportunities

Public affairs officers	News researchers
TV news anchors	Advertising managers
Free-lance writers	Newsletter publishers
Newspaper and TV reporters	Production assistants
Publication design editors	On-line writers
Corporate media consultants	Public relations specialists

Faculty

Full-Time

Gary Morgan

Part-Time

Doug Feldman

◆ Journalism

Associate in Arts Degree

Required Core Courses:

	Units
JOUR R100 Introduction to Mass Communication	3
	3

Print Media Option

Required Courses:

	Units
JOUR R101 News Writing and Reporting	3
JOUR R102 Intermediate News Writing and Reporting	3
JOUR R103 Beginning News Editing	3
JOUR R104 Journalistic Layout and Design	3
	12

Required Additional Courses:

	Units
Complete six units from the following:	
JOUR R108 Introduction to Feature Writing	3
JOUR R111 Broadcast Journalism	3
JOUR R120 Newspaper Desktop Publishing with PageMaker	2*
JOUR R121 Newspaper Photography Lab	2*
JOUR R122 Graphics and Art for Newspapers Lab	2*
JOUR R123 Observer Staff Lab	2*
(*may be repeated once)	
JOUR R133 Advertising	3

JOUR R141	Introduction to Public Relations	3
JOUR R186	International Mass Media	3
		<hr/> 6

Public Relations Option

Required Courses:		Units
JOUR R101	News Writing and Reporting	3
JOUR R141	Introduction to Public Relations	3
JOUR R142	Public Relations Strategies	3
JOUR R190	Internship in Public Relations	3
		<hr/> 12

Required Additional Courses:

Choose one from the following:		Units
JOUR R102	Intermediate News Writing	3
JOUR R103	Beginning News Editing	3
JOUR R108	Introduction to Feature Writing	3
JOUR R111	Broadcast Journalism	3
Choose two from the following:		
BUS R132	Marketing	3
BUS R140	Business Communications	3
JOUR R133	Advertising	3
JOUR R186	International Mass Media	3
		<hr/> 9
Total Required Units		24

Certificate of Achievement

Print Media Option

The Print Journalism certificate program is designed specifically for students who have already completed an Associate's or other degree, who may have identified specific career objectives, or who may face time limitations which preclude the immediate pursuit of an Associate's degree in Journalism. In most cases, completion in one academic year is possible.

Required Courses:		Units
JOUR R100	Introduction to Mass Communication	3
JOUR R101	News Writing and Reporting	3
		<hr/> 6

Required Additional Courses:

Choose three from the following:		Units
JOUR R102	Intermediate News Writing	3
JOUR R103	Beginning News Editing	3
JOUR R104	Journalistic Layout and Design	3
JOUR R108	Introduction to Feature Writing	3
Choose one from the following:		
CIS R028A	Desktop Publishing	2
JOUR R121	Newspaper Photography Lab	2
JOUR R122	Graphics and Art for Newspapers Lab	2
JOUR R123	Observer Staff Lab	2
		<hr/> 11
Total Required Units		17

[NOTE TO STUDENTS: Completion of requirements for this certificate does not constitute completion of the requirements for the major.]

Public Relations Option

The Public Relations certificate program is designed specifically for students who may have already completed an Associate's or other degree, who may have identified specific career objectives, who may be working in the field and who need to refresh skills, or who may face time limitations which preclude the immediate pursuit of an Associate's degree in Journalism.

Required Courses:		Units
JOUR R100	Introduction to Mass Communication	3
JOUR R101	News Writing and Reporting	3
JOUR R141/	Introduction to Public Relations	3
BUS R141		
JOUR R142/	Public Relations Strategies	3
BUS R142		

Required Additional Courses:		Units
Choose one from the following:		
JOUR R103	Beginning News Editing	3
JOUR R133/	Advertising	3
BUS R133		
BUS R132A	Marketing	3
		<hr/> 3

Choose one from the following:

CIS R028A	Desktop Publishing	2
JOUR R121	Newspaper Photography Lab	2
JOUR R122	Graphics and Art for Newspapers Lab	2
		<hr/> 2

Total Required Units 17

[NOTE TO STUDENTS: Completion of requirements for this certificate does not constitute completion of the requirements for the major.]

Journalism Courses

JOUR R098—Short Courses in Journalism ½-3 units

Lecture and/or lab hours as required by unit formula

Specialized topics designed to inform or update interested persons in the various aspects of journalism. (2)

JOUR R100—Introduction to Mass Communications 3 units

3 hours lecture weekly

Introductory survey course explores various modes and characteristics of mass communication media and critically appraises the nature, consumers, history, legal aspects and future of mass communications and the impact of mass media upon daily American life. (2)

Transfer credit: UC, CSU (CAN: JOUR 4)

JOUR R101—News Writing and Reporting 3 units

2 hours lecture, 3 hours lab weekly

Beginning news writing course to provide instruction and practice in news reporting and fundamentals of newswriting, with analysis of typical news story types; concentration on lead and simple story types, organization and structure of news stories, and language and style of journalism. (2)

Transfer credit: CSU (CAN: JOUR 2)

JOUR R102—Intermediate News Writing and Reporting 3 units

Prerequisites: JOUR R101.

2 hours lecture, 3 hours lab weekly

News gathering and writing techniques in more specialized areas: the longer news story, the series, investigative reporting, editorial writing, column and review writing, and human interest writing. Students will be members of the *Campus Observer* newspaper reporting staff. (2)

Transfer credit: CSU

JOUR R103—Beginning News Editing 3 units

2 hours lecture, 3 hours lab weekly

Introduction to techniques of news editing in various aspects with emphasis on computerized editing and headline writing. Aspects include copy reading and editing, photo editing and scaling, caption writing and preparation, headline writing, type specification and basic page design using computer design systems. Heavy concentration on developing practical skills. Students gain practical experience by working in conjunction with publication of weekly campus newspaper. Individual instruction and instruction in use of computer software supplements staff work.

Transfer credit: CSU

JOUR R104—Journalistic Layout and Design 3 units

2 hours lecture, 3 hours lab weekly

Instruction in fundamentals of layout and design, with special emphasis on desktop publishing and computerized editing, for graphic reproduction. Course includes principles of design and techniques of layout using computer design and graphic arts software. Laboratory work provided on college publications.

Transfer credit: CSU

JOUR R105—Magazine Production 2 units*1 hour lecture, 3 hours lab weekly*

Practical experience in all facets of magazine production, including letting of contracts, selection of theme and type styles, planning of copy and photography for layouts, writing of articles, editing, proofreading, and preparing copy for printing college magazine. Course may be taken two times. (2)

*Transfer credit: CSU***JOUR R108—Introduction to Feature Writing 3 units***3 hours lecture weekly*

Introduction to special techniques used in magazine and newspaper feature stories, including those used in research and information gathering. Students will be introduced to free-lance writing skills as well as manuscript preparation and submission techniques.

*Transfer credit: CSU***JOUR R111—Broadcast Journalism 3 units***3 hours lecture weekly*

Preparation and writing of news and features for radio and television newscasts, with instruction and practical work, and including special techniques and devices available to the broadcast journalist. Although concentration is on broadcast newscast, study of the radio/TV "magazine" information program is also included. Field trips to local broadcast media and guest speakers when appropriate. (2)

*Transfer credit: CSU***JOUR R120—Newspaper Desktop Publishing with PageMaker 2 units***6 hours lab weekly*

An introduction to newspaper design using desktop publishing techniques. In a laboratory setting, students will learn techniques for using Adobe PageMaker. (2)

*Transfer credit: CSU***JOUR R121—Newspaper Photography Lab 2 units***6 hours lab weekly*

Hands-on experience in newspaper photography techniques, including composition, darkroom procedure, reproduction technology. Students will work as photographers for the student newspaper. Course may be taken two times. (2)

*Transfer credit: CSU***JOUR R122—Graphics and Art for Newspapers Lab 2 units***6 hours lab weekly*

Practical work in use of graphics and artwork in newspapers. Course will focus on charts, info-graphics, cartoons, and line art. Student's work will appear in the student newspaper. Course may be taken two times. (2)

*Transfer credit: CSU***JOUR R123—Observer Staff Lab 2 units***6 hours lab weekly*

Specialized instruction in the preparation of the college newspaper. Course may be taken four times. (2)

*Transfer credit: CSU***JOUR R133—Advertising 3 units***3 hours lecture weekly*

Practical application of principles of advertising for large and small businesses, including advertising theory, layout production, printing, and production processes. (Same as BUS 133)

*Transfer credit: CSU***JOUR R141—Introduction to Public Relations 3 units***3 hours lecture weekly*

An introductory analysis and practical exploration of the fundamental tools available to the public relations specialist: the press release, feature stories, broadcast media, institutional publications. An introduction to promotional staging, slide show, and five primary steps in the public relations process. (Same as BUSR141)

*Transfer credit: CSU***JOUR R142—Public Relations Strategies 3 units***3 hours lecture weekly*

An appraisal of the essential processes in the public relations activity, with concentration on aspects of promotion and staging, problem solving, and the role of public relations vis a vis various target audiences, including customers, management, employee relations, stockholders. Guest speakers as appropriate. (Same as BUSR142)

*Transfer credit: CSU***JOUR R186—International Mass Media 3 units***3 hours lecture weekly*

Course examines both global and national media and evaluates such issues as government regulation, advocacy, and the impact of technology. The course also explores differences of print, broadcast, and other media around the world. (Same as BUSR186)

*Transfer credit: UC, CSU***JOUR R190—Internship in Public Relations 3 units***9 hours lab weekly*

Actual field work as an intern in a professional setting under the supervision of a trained public relations expert, as well as the instructor. Students will receive on-the-job exposure to all aspects of public relations, especially those studied in JOUR R141 and JOUR R142. (Same as BUS R190A) (2)

*Transfer credit: CSU***JOUR R199—Directed Studies in Journalism 1-3 units***Lecture and/or lab hours as required by unit formula*

Designed for selected students interested in furthering their knowledge of journalism on an independent basis. Assigned problems will involve library, interview, and field work. Course may be taken two times. (2)

Transfer credit: CSU

LEGAL ASSISTING

This program prepares students to be a legal assistant (paralegal) with responsibility for assisting the attorney in preparation of cases for trial or arbitration, researching existing laws, and doing a moderate degree of investigation.

Career Opportunities

Legal Assistant	Legal Office Manager
Paralegal	

Faculty

Part-Time

Ed Buckle	Nancy Johnson
Kelly Honig	Diana Needham
Alice Huston	Mike Sment

◆ Legal Assisting

Associate in Science Degree**Certificate of Achievement****Required Courses:**

	Units
LA R001	Legal Assisting Fundamentals
LA R002A	Torts
LA R002B	Contracts
LA R003	Legal Research and Drafting I
LA R005	Legal Research and Drafting II
LA R007	Civil Litigation
LA R009	Evidence for Legal Assistants

Total Core Units 21

Complete at least six (6) units from the following:

BUSR111A	Business Law I	3
CISR041	Computer Applications for Legal Assistants	3
LA R008	Law Office Operations	1½
LA R010	Crimes and Criminal Procedures	3

LA R011	Real Estate Law	3
LA R012	Legal Assisting Ethics	2
LA R013	The Law of Sex Discrimination	3
LA R014	Immigration Law	3
LA R015	Family Law	3
LA R017	Probate	3
LA R018	Personal Injury Litigation	3
LA R019	Workers' Compensation Law	3
LA R020	Debtor-Creditor Relations	3
LA R022	Bankruptcy	3
LA R023	Internship in Legal Assisting	3
Total Required Units		27

Legal Assisting Courses

LA R001—Legal Assisting Fundamentals 3 units

3 hours lecture weekly

Course covers paralegalism as a career and includes relationship of attorney and paralegal in decision-making and systems procedures, introduction to law, legal terminology, bibliography, and brief history of law. (2)

LA R002A—Torts 3 units

Prerequisites: LA R001.

3 hours lecture weekly

Study of legal concepts of duty, breach, causation, and damages. Course explores traditional torts such as negligence and fraud and includes newer torts such as "wrongful life." Students expected to draft "complaints" and instructed on investigative techniques. (2)

LA R002B—Contracts 3 units

Prerequisites: LA R001.

3 hours lecture weekly

Study of formation, interpretation, and breach of contracts, both written and oral. Students expected to draft "complaints" for breach of contract lawsuits. Class explores investigative techniques commonly used. (2)

LA R003—Legal Research and Drafting I 3 units

Prerequisites: LA R001, LA R002A or LA R002B.

3 hours lecture weekly

General introduction to basic legal research and drafting tools and their use to accomplish research requirements of a legal practice. Concentration on legal writing is aimed to improve techniques. Students will learn to write technically in legal terms. (2)

LA R005—Legal Research and Drafting II 3 units

Prerequisites: LA R003.

3 hours lecture weekly

Continuation of coursework from LA R003. Students will spend time in legal library and will research and draft documents representative of those required for legal assistants. (2)

LA R007—Civil Litigation 3 units

Prerequisites: LA R001, LA R002A or LA R002B, LA R003.

3 hours lecture weekly

Deals with role of paralegals in preparation and filing of civil law suits. Subject includes determination of proper form and major Code of Civil Procedure sections, court rules, as well as general principles of pleading, joinder, discovery, and adjudication through trial. (2)

LA R008—Law Office Operations 1½ units

Prerequisites: LA R007.

1½ hours lecture weekly

Course is designed to provide the student with a working understanding of the day-to-day operations of a law office including the latest law office technology. Skills to be developed include general law office etiquette, interviewing techniques, telephone skills, file organization, calendar management and trial preparation, as well as an understanding of the attorney's duty of client confidentiality, the attorney-client privilege, and other ethical considerations. (2)

LA R009—Evidence for Legal Assistants 3 units

Prerequisites: LA R001, LA R002A or LA R002B, LA R003.

3 hours lecture weekly

Examines rules of civil and criminal evidence. Emphasis on theory and principles of evidence as utilized and applied to the civil discovery process. (2)

LA R010—Crimes and Criminal Procedures 3 units

Prerequisites: LA R001.

3 hours lecture weekly

Basic course in substantive and procedural law covering crimes and public offenses. Major areas of criminal procedure commonly encountered in law practice covered, such as indictments and complaints, motions to dismiss, plea bargaining and trial in criminal cases. (2)

LA R011—Real Estate Law 3 units

Prerequisites: LA R001, LA R002B.

3 hours lecture weekly

Analysis of laws of real property, estates in land, landlord-tenant, leases, deeds, and contracts; identification of problems in real property transactions; recording and searching public documents.

LA R012—Legal Assisting Ethics 2 units

Prerequisites: LA R001.

2 hours lecture weekly

This course is an introduction to the issues and rules that govern the legal profession, oriented to the paralegal or legal assistant. Students will gain an appreciation for the importance of ethics to the law, understand the major issues in ethics and the rules governing those issues and apply that developing ethical sensitivity and knowledge to a variety of situations. (2)

LA R013—The Law of Sex Discrimination 3 units

3 hours lecture weekly

Course studies and evaluates the evolution of sex-based laws in the United States in terms of the preferences they reflect and the rationales used to justify them. (2)

LA R014—Immigration Law 3 units

Prerequisites: LA R001.

3 hours lecture weekly

Course examines the rights of noncitizens of the United States (or "aliens") to enter and remain in this country as temporary visitors and as immigrants. (2)

LA R015—Family Law 3 units

Advisory: LA R001.

3 hours lecture weekly

A basic overview of community property law and an examination of the applicable forms and procedures in the area of marital dissolution including property settlements, child custody, support and temporary orders. Other areas may include adoption, co-habitation, rights of privacy, mediation as an alternate in dispute resolution, nullity and legal separation, and contested versus uncontested proceedings. (2)

LA R017—Probate 3 units

Prerequisites: LA R001.

3 hours lecture weekly

Overview of basic law of wills and trusts and community property including basic probate and summary procedures. All necessary forms and procedures examined and explained from client interview to closing of the estate. (2)

LA R018—Personal Injury Litigation 3 units

Prerequisites: LA R001, LA R002A, LA R003, LA R005.

3 hours lecture weekly

Course covers responsibilities and duties of legal assistants dealing with personal injury cases. Students study steps for establishing files from plaintiff's and defendant's viewpoint, special statutes of limitations, pleadings, discovery, interrogatories, and requests for admission as well as other topics pertinent to this area of law. (2)

LA R019—Workers' Compensation Law 3 units

Prerequisites: LA R001, LA R002A.

3 hours lecture weekly

Relevant statutory and case law, substantive and procedural issues including compensability, benefit structure, and tort law relationships of Workers' Compensation. Students will learn to use technical procedures and forms through trial before the Workers' Compensation Appeals Board. (2)

LA R020—Debtor-Creditor Relations**3 units***3 hours lecture weekly*

An in-depth overview of laws and procedures relating to debtor rights and remedies including bankruptcy and creditor rights and remedies in debtor/creditor litigation. Subjects covered include judgments, liens, wage garnishment, collection of judgments, executions, and bankruptcy. (2)

LA R022—Bankruptcy**3 units***Advisory: LA R001.**3 hours lecture weekly*

Overview of principles of bankruptcy law. Examination of available types of bankruptcies, required filing procedures, appropriate pleadings and forms, and various problems resolved through a bankruptcy case. The bankruptcy court system, remedies available to creditors, and new developments will be discussed. (2)

LA R023—Internship in Legal Assisting**3 units**

Prerequisites: Successful completion of a minimum of 12 units of Legal Assisting classes to include LA R001 and LA R003.

*Advisory: LA R005 and LA R007.**1 hour lecture, 6 hours lab weekly*

Course is designed to assist legal assisting students bridge the gap between the classroom and the world of legal offices, corporations, public agencies, and organizations--the legal assistant's "work world."

LA R098—Short Courses in Legal Assisting**1/2-10 units***Lecture and/or lab hours as required by unit formula*

Specialized short courses to update legal assistants; content designed specifically for participants. Total short course credit is 10 units. (2)

LIBRARY INSTRUCTION

Faculty**Full-Time**

Tom Stough

Library Instruction Courses**LIB R100—Internet & Library Research Skills****2 units***1 hour lecture, 3 hours lab weekly*

Course is designed to make students expert researchers on the World Wide Web and other electronic information systems. Skills to be learned: searching computerized library catalogs, making interlibrary loan requests and using CD-ROM databases. Students will also receive instruction in the application of Boolean searching techniques, proper citation of online and conventional sources and critical examination of information accuracy. Researchers will also learn when printed sources must be used and why. The course content is applicable to all subject areas. Field trips may be required. (2)

Transfer credit: UC, CSU

MARINE STUDIES

Career Opportunities

(Most careers require bachelors or graduate degree)

Lab Technician

Oceanographer

Marine Biologist

Marine Geologist

Faculty**Full-Time**

Lorraine Buckley

Thomas O'Neil

Part-Time

Michael Abram

Joseph Saenz

Joe Frantz

Neil Ziegler

Marine Studies

Certificate of Achievement

A certificate will be awarded to a student of any major that completes an individualized curriculum including at least sixteen units in marine studies, coursework in other disciplines pertinent to the student's career goals, and three conservation activities.

Required Courses:

	Units
MST R190	Experiential Education in Marine Studies
MST R195	Field Applications of Marine Conservation
	3
	6

Complete a minimum of 10 units from the following:

MST R103/103L	Oceanography	4
MST R116/116L	Marine Biology	4
MST R120/120L	Scuba Diving	3
MST R175	Marine Field Studies	3
MST R170/178	Marine Resource Management	2

Total Required Units 16

Marine Studies Courses**MST R103—Introduction to Oceanography****3 units***3 hours lecture weekly*

Broad survey of the field of oceanography, Science of the Seas, with emphasis on processes of marine geology. Discusses major fields that comprise oceanography, which include geography and geology of ocean basins and coastlines, dynamic forces of plate tectonics, characteristics and work of waves, currents, tides, properties of sea water, and methods of oceanographic exploration. Provides introduction to marine biology, emphasizing relationship of biotic assemblages to conditions imposed by depth, salinity, temperature, and other physical parameters. Use of scientific inquiry and experimental design will be emphasized. (Same as GEOL R103) (2)

*Transfer credit: UC, CSU***MST R103L—Introduction to Oceanography Laboratory****1 unit***Prerequisites: MST R103 or concurrent enrollment.**3 hours lab weekly*

Experimental studies of the basic methods of data collection and interpretation in physical oceanography in both the laboratory and field. Field trips and boat fees may be required. (Same as GEOL R103L)

*Transfer credit: UC, CSU***MST R116—Marine Biology****3 units***3 hours lecture weekly*

Survey of biological activities of marine organisms, including an introduction to physical oceanography, ecology, and energy flow within the marine environment, and some basic biological concepts using marine ecosystems as examples. Pollution and conservation of marine environment will also be considered. Optional weekend field trips may be scheduled. (Same as BIOL R116) (2)

*Transfer credit: UC, CSU***MST R116L—Marine Biology Laboratory****1 unit***Prerequisites: BIOL R116 or concurrent enrollment.**3 hours lab weekly*

Laboratory and field studies of marine organisms and their environment. Field trips and boat fees may be required. (Same as BIOL R116L) (2)

*Transfer credit: UC, CSU***MST R120—Basic SCUBA Diving****2 units***2 hours lecture weekly*

A basic course in skin and SCUBA diving that will cover the necessary knowledge for safe diving in Southern California. Topics will include the marine environment, equipment selection and maintenance, diving physics and physiology, and accident prevention. PADI SCUBA Diver Certification will be available to students who qualify after successful completion of both MST R120 and MST R120L. Fees will be required. Field trips may be required. Course may be taken four times. (2)

Transfer credit: UC, CSU

MST R120L—Basic SCUBA Diving Laboratory 1 unit

Prerequisites: Ability to pass swim test, including underwater swimming recovering a ten-pound weight; medical history required of all students; parental release if student is under 18 years of age.

Corequisites: MST R120.

3 hours lab weekly

An experimental course that will develop the necessary knowledge and skills for safe skin and SCUBA diving in Southern California. Equipment and transportation for off-campus lab sessions must be furnished by the student. Mask, snorkel, and fins required after third lesson. PADI SCUBA Diver Certification available to students who qualify after the successful completion of both MST R120 and MST R120L. Completion of or concurrent enrolment in MST R120 is required. Fees will be required. Field trips are required. Course may be taken four times. (2)

Transfer credit: UC, CSU

MST R122—Aquaculture 3 units

Advisory: College or high school biology and chemistry are recommended.

3 hours lecture weekly

The basic scientific principles underlying the culture of organisms in aquatic habitats will be studied through lecture, outside reading, demonstrations, and field trips. Application of basic biological and ecological concepts and theories to the selection, planning and design of aquaculture systems. Field trips will be required. Fees may be required. Course may be taken four times.

Transfer credit: CSU

MST R122L—Aquaculture Laboratory 1 unit

Advisory: Completion or concurrent enrollment in MST R122 is recommended.

3 hours lab weekly

The basic methods, equipment and technology utilized in the aquaculture will be studied through experimental laboratory exercises, demonstrations, and field trips. Field trips will be required. Fees may be required. Course may be taken four times.

Transfer credit: CSU

MST R170—Biological Marine Resource Management 1 unit

Corequisites: GEOL R178.

3 hours lab weekly

Topics in related areas in marine biology related to current resource management issues in this region. Study of requirements and applications of federal, state, and local laws and regulations related to marine resource management. Field trips will be to natural areas where geological, biological, and oceanographic interactions can be observed. Course may be taken four times. (Same as BIOL R170) (2)

Transfer credit: CSU

MST R175—Marine Sampling Techniques and Field Studies 3 units

Advisory: Completion of another MST course is recommended prior to enrollment.

3 hours lecture weekly

Experimental study of ocean resources in natural settings aboard research vessels or in remote coastal locations. Oceanographic sampling and field techniques will be demonstrated. Travel off-campus is required. Some field trips will be extensive (more than two days). Fees may be required. Course may be taken four times. (2)

Transfer credit: CSU

MST R178—Geological Marine Resource Management 1 unit

Corequisites: MST R170.

3 hours lab weekly

Topics in related areas in marine geology related to current resource management issues in this region. Study of requirements and applications of federal, state, and local laws and regulations related to marine resource management. Field trips will be to natural areas where geological, biological, and oceanographic interactions can be observed. Course may be taken four times. (Same as GEOL R178) (2)

Transfer credit: CSU

MST R190—Experiential Education in Marine Studies 1-6 units

Advisory: Completion or concurrent enrollment in MST R103/R103L (GEOL R103/R103L) or MST R116/R116L (BIOL R116/R116L) is recommended.

1-6 hours lecture weekly

Experiential learning on a marine-related project developed by the student and the supervising instructor or the director of the marine studies program (ORCA). Project topics will be chosen according to the student's individual educational interests but must include development of specific skills and techniques through hands-on learning. Projects may be based on campus and supervised by a faculty member or off-campus as internship work experiences. A list of suggested project topics and internship opportunities is available in the ocean studies program office. Instructor/program director consent required prior to registration. Course may be taken four times.

Transfer credit: CSU

MST R195—Field Applications of Ocean Resource Conservation 3 units

Advisory: Completion or concurrent enrollment in MST R103 or MST R116.

3 hours lecture weekly

Discussion and review of topics selected by each student on local ocean resources and their conservation. Student presentations of information gathered from library, professional and computer-accessed sources will be shared with community groups such as school classes, preschools, and senior centers. Course may be taken four times. (2)

Transfer credit: CSU

MST R199—Directed Studies in Marine-Related Topics 1-3 units

Prerequisites: A course in the specific field.

Lecture and/or lab hours as required by unit formula

Designed for students interested in furthering their knowledge of the marine environment and ocean resources on an independent study basis. All studies will require laboratory and library research, as well as written reports. Field trips may be required. Course may be taken two times.

Transfer credit: CSU

MATHEMATICS

Career Opportunities

(Most careers require bachelors or advanced degrees)

Mathematician	Systems Analyst
Programmer	Operations Research Analyst
Statistician	Applied Science Programmer

Faculty

Full-Time

John Andrich
Mark Bates
Michael Bowen
Steven Hall
Alan Hayashi
David Magallanes

Maria Parker
Irene Peters
Rena Petrello
Colleen Ryan

Part-Time

Phillip Abramoff
Alex Aguino
James De Smet
Roland Handy
Kevin Hendricks
Maricruz Hernandez
Jim Ingersoll
Thomas Janssens
Bill Mandras
Frederick Martin

Russell Meyer
Richard Minks
Binh Ninh
John Norbutas
John Reynolds
Gary Rigsby
Kristine Ryan
Mamerta Santiago
Frank Tran
Hugo Viveros

◆ Mathematics

Associate in Arts Degree

Required Courses:		Units
MATH R105	Introductory Statistics	4
MATH R120	Calculus with Analytic Geometry	5
MATH R121	Calculus with Analytic Geometry	5
MATH R122	Calculus with Analytic Geometry	5
MATH R125	Differential Equations with Linear Algebra	5
PHYS R131	Sci/Engineering Physics I	5
PHYS R132	Sci/Engineering Physics II	5
MATH R137	Computer Programming (FORTRAN)	3
OR		
MATH R138	Computer Programming (PASCAL)	3
		37
Recommended Elective Courses:		Units
CHEM R120	General Chemistry	5
PHYS R133	Sci/Engineering Physics III	5
Total Required Units		37

Mathematics Courses

MATH R008—Lab-Based Beginning Math 3 units

2 hours lecture, 3 hours lab weekly

This course starts with addition and multiplication facts for whole numbers. The course covers operations (addition, subtraction, multiplication, and division) using positive whole numbers, operations with fractions, operations with decimals, and a brief introduction to percentages. The course proceeds at a slower pace than MATH R009 and includes laboratory time in which the student works problems supervised by the instructor. The instructor may use various learning aids, such as videotapes, computer programs, and/or objects that can be manipulated to demonstrate facts. Not applicable for degree credit. Course may be taken two times. (2)

MATH R009—Basic Mathematics 3 units

3 hours lecture weekly

Review of basic mathematical skills and fundamental operations as applied to integers, common and decimal fractions, and percentages; emphasis on understanding of arithmetic and mathematical processes. Not applicable for degree credit. Course may be taken two times. (2)

MATH R010—Pre-Algebra 4 units

Advisory: MATH R008, or MATH R009.

4 hours lecture weekly

This course bridges the gap between arithmetic and elementary algebra. It reviews whole numbers, introduces algebra, reviews fractions and mixed numbers, introduces solving equations and grouping, and examines decimals, proportions, unit analysis, and percent. It also introduces graphing straight lines and interpreting other graphs. Proper notation, word problems, calculator use, and study skills will be emphasized. Not applicable for degree credit. Course may be taken two times. (2)

MATH R011—Elementary Algebra 5 units

Prerequisites: MATH R009 or MATH R010.

5 hours lecture weekly

A first course in algebra. Operations with counting numbers, integers, rational, and real numbers; linear equations and inequalities; graphing in one and two dimensions; ratio; proportion; laws of exponents; rational expressions; radical expressions; factoring; systems of linear equations; and quadratic equations. Course may be taken two times. (2)

MATH R011P—Elementary Algebra Problem Solving 1 unit

Prerequisites: MATH R011 or concurrent enrollment.

1 hour lecture weekly

Course is a problem-solving session to accompany MATH R011. It gives students the chance to gain a greater mastery of the topics covered in MATH R011 by providing additional discussion and

problem-solving opportunities. It also gives students a richer experience in elementary algebra by introducing supplementary topics related to the core material of MATH R011. This course may also include appropriate topics from the history of mathematics and opportunities to use a computer in solving algebra and related problems. Course may be taken two times. (2)

MATH R014—Intermediate Algebra 5 units

Prerequisites: MATH R011.

5 hours lecture weekly

Second course in algebra emphasizing applications of mathematics to scientific and logical problems. Students learn to analyze and interpret problems, develop inductive and deductive logic abilities and apply these skills to solutions of verbal and quantitative problems. Topics include solutions of systems of linear equations; functions; factoring; complex numbers; solutions of equations of higher degree exponential and logarithmic functions; sequences and series. Course may be taken two times. (2)

MATH R014P—Intermediate Algebra Problem Solving 1 unit

Prerequisites: MATH R014 or concurrent enrollment.

1 hour lecture weekly

Course is a problem-solving session to accompany MATH R014. It gives students the chance to gain a greater mastery of the topics covered in MATH R014 by providing additional discussion and problem-solving opportunities. It also gives students a richer experience in intermediate algebra by introducing supplementary topics related to the core material of MATH R014. This course may also include appropriate topics from the history of mathematics and opportunities to use a computer in solving algebra and related problems. Course may be taken two times. (2)

MATH R093—Overcoming Math Anxiety 1 unit

1 hour lecture weekly

Course intended to help overcome Math anxieties and fears so that personal goals requiring Math can be achieved. Not applicable for degree credit. (2)

MATH R098—Short Courses in Mathematics ½-10 units

Lecture and/or lab hours as required by unit formula

Short courses covering special, specific topics in mathematics not covered in detail in other Math courses. May be the same as Physical Science.

MATH R100L—Computer-Assisted Laboratory 1 unit

Prerequisites: MATH R014.

3 hours lab weekly

This course is meant to serve as a computer supplement to any 100-level mathematics class. The student uses the computer as a tool, allowing access to software relevant to the class currently being taken. The student may become involved in drill work, projects, exercises, math or science games, or other training activities. This class affords students an opportunity to deepen their knowledge to an extent not possible in the regularly allotted class time. Materials fee is required. Course may be taken four times. This course does not satisfy the laboratory science requirement for the AA/AS degree. (Same as PHSC R100L) (2)

Transfer credit: CSU

MATH R101—Mathematics for the Liberal Arts Major 3 units

Prerequisites: MATH R014.

3 hours lecture weekly

Course gives the Liberal Arts major a better understanding of the deductive process and the nature of mathematics. Course will explore character and origin of various mathematics subject fields. (2)

Transfer credit: CSU (CAN: MATH 2)

MATH R102—Math for Elementary Teachers 4 units*Prerequisites: MATH R014.**3 hours lecture, 3 hours lab weekly*

Designed for candidates for elementary teaching credential; topics include problem-solving, language of sets, number systems, and numerical operations; emphasis on explanations for elementary school students.

*Transfer credit: UC, CSU***MATH R103—Finite Mathematics 3 units***Prerequisites: MATH R014.**3 hours lecture weekly*

For students of business and social or behavioral sciences. Topics include sets, problems in counting and probability, linear programming, game theory, and their applications in business and social, behavioral, and life sciences. (2)

*Transfer credit: UC, CSU (CAN: MATH 12)***MATH R105—Introductory Statistics 4 units***Prerequisites: MATH R014.**4 hours lecture weekly*

This course covers descriptive and applied statistics for students of social sciences, education, business, life sciences, and engineering. Included are discussions of measures of central tendency and variation, probability and sets, normal curves, hypothesis testing, regression and correlation, the *t*- and *chi-square* distributions, analysis of variance and non-parametric tests. (2)

*Transfer credit: UC, CSU (CAN: STAT 2)***MATH R105L—Statistics Computer Laboratory 1 unit***Corequisites: MATH R105.**3 hours lab weekly*

MATH R105L is an optional three-hour laboratory to be taken concurrently with MATH R105. In the course, students will be taught how to use the statistical software package called MINITAB and they will complete laboratory exercises using MINITAB. They will also learn to work in small groups to do projects and solve problems. (2)

*Transfer credit: CSU***MATH R105P—Statistics Problem Solving 1 unit***Corequisites: Enrollment in MATH R105.**1 hour lecture weekly*

This course is a problem-solving session to accompany MATH R105. It gives students the chance to gain a greater mastery of the topics covered in MATH R105 by providing additional discussion and problem-solving opportunities. This includes opportunities to learn from each other by working in small groups on projects and assignments. The course offers students time to do lab exercises, often using a computer to aid calculations. (2)

*Transfer credit: CSU***MATH R106—Mathematics for Business Applications 5 units***Prerequisites: MATH R014.**5 hours lecture weekly*

Short course in calculus and analytic geometry for students in business, social and life sciences; topics include functions, limits, differentiation and curve sketching, related rates, maxima and minima, integration, and differential equations. Not recommended to mathematics and physical science majors. (2)

*Transfer credit: UC, CSU (CAN: MATH 30)***MATH R115—College Algebra 3 units***Prerequisites: MATH R014.**3 hours lecture weekly*

Topics include mathematical induction, functions and their graphs, transformations of functions, the exponential and logarithm functions, and elementary matrix operations. (2)

*Transfer credit: UC, CSU***MATH R115P—College Algebra Problem Solving 1 unit***Prerequisites: MATH R115 or concurrent enrollment.**1 hour lecture weekly*

Course is a problem-solving session to accompany MATH R115. It gives students the chance to gain a greater mastery of the topics covered in MATH R115 by providing additional discussion and problem-solving opportunities. It also gives students a richer experience in intermediate algebra by introducing supplementary topics related to the core material of MATH R115. This course may also include appropriate topics from the history of mathematics and opportunities to use a computer in solving algebra and related problems. Course may be taken two times. (2)

*Transfer credit: CSU***MATH R116—College Trigonometry 3 units***Prerequisites: MATH R014.**3 hours lecture weekly*

Topics include the trigonometric functions and their graphs, radian measure, trigonometry identities and equations, complex numbers, DeMoivre's Theorem. (2)

*Transfer credit: CSU (CAN: MATH 8)***MATH R116P—College Trigonometry Problem Solving 1 unit***Prerequisites: MATH R116 or concurrent enrollment.**1 hour lecture weekly*

Course is a problem-solving session to accompany MATH R116. It gives students the chance to gain a greater mastery of the topics covered in MATH R116 by providing additional discussion and problem-solving opportunities. It also gives students a richer experience in intermediate algebra by introducing supplementary topics related to the core material of MATH R116. This course may also include appropriate topics from the history of mathematics and opportunities to use a computer in solving trigonometry and related problems. Course may be taken two times. (2)

*Transfer credit: CSU***MATH R118A—Precalculus I 4 units***Prerequisites: MATH R014.**4 hours lecture weekly*

Course is designed to give calculus-bound students a solid foundation in trigonometric functions. Course also includes equations, inequalities, coordinates and graphs, operations on functions and techniques of graphing function. No credit for students having successfully completed MATH R116 (College Trigonometry). (2)

*Transfer credit: UC, CSU (CAN: MATH 16)***MATH R118B—Precalculus II 4 units***Prerequisites: MATH R118A.**4 hours lecture weekly*

Course is designed to give calculus-bound students a solid foundation in college algebra and analytic geometry. Topics include polynomial, rational, exponential and logarithmic functions, systems of equations, conic sections, roots of equations, mathematical induction, the Binomial theorem, and introduction to arithmetic and geometric series. No credit for students who have successfully completed MATH R115 (College Algebra).

*Transfer credit: UC, CSU***MATH R118P—Pre-Calculus Mathematics Problem Solving 1 unit***Prerequisites: MATH R118 or concurrent enrollment in MATH R118.**1 hour lecture weekly*

Course is a problem-solving session to accompany MATH R118. It gives students the chance to gain a greater mastery of the topics covered in MATH R118 by providing additional discussion and problem-solving opportunities. It also gives students a richer experience in intermediate algebra by introducing supplementary topics related to the core material of MATH R118. This course may also include appropriate topics from the history of mathematics and opportunities to use a computer in solving algebra and related problems. (College credit only; does not apply toward a degree.) Course may be taken two times. (2)

Transfer credit: CSU

MATH R120—Calculus with Analytic Geometry I 5 units
(Catalog Revision)*

Prerequisites: MATH R118A and either MATH R118B or MATH R115.

(Note: MATH R118A replaces MATH R116.)

5 hours lecture weekly

The first course in the calculus sequence, this course combines elements of analytic geometry with calculus applications. It includes the study of functions, limits, the derivative, continuity techniques and applications of differentiation, and an introduction to the anti-derivatives. (2)

Transfer credit: UC, CSU (CAN: MATH 18)

MATH R120P—Calculus with Analytic Geometry I Problem Solving 1 unit

Prerequisites: MATH R120 or concurrent enrollment.

1 hour lecture weekly

Course is a problem-solving session to accompany MATH R120. It gives students the chance to gain a greater mastery of the topics covered in MATH R120 by providing additional discussion and problem-solving opportunities. It also gives students a richer experience in intermediate algebra by introducing supplementary topics related to the core material of MATH R120. This course may also include appropriate topics from the history of mathematics and opportunities to use a computer in solving calculus and related problems. Course may be taken three times. (2)

Transfer credit: CSU

MATH R121—Calculus with Analytic Geometry II 5 units
(Catalog Revision)*

Prerequisites: MATH R120.

5 hours lecture weekly

As the second course in the calculus sequence, this course emphasizes Integral Calculus, techniques of integration, and applications of definite integrals. It also includes the study of conic sections, parametric equations, and an introduction to differential equations. (2)

Transfer credit: UC, CSU (CAN: MATH 20)

MATH R121P—Calculus with Analytic Geometry II Problem Solving 1 unit

Prerequisites: MATH R121 or concurrent enrollment.

1 hour lecture weekly

Course is a problem-solving session to accompany MATH R121. It gives students the chance to gain a greater mastery of the topics covered in MATH R121 by providing additional discussion and problem-solving opportunities. It also gives students a richer experience in intermediate algebra by introducing supplementary topics related to the core material of MATH R121. This course may also include appropriate topics from the history of mathematics and opportunities to use a computer in solving trigonometry and related problems. Course may be taken two times. (2)

Transfer credit: CSU

MATH R122—Calculus with Analytic Geometry III (Catalog Revision)* 5 units

Prerequisites: MATH R121.

5 hours lecture weekly

As the third course in the calculus sequence, this course reviews the calculus of several variables and solid analytic geometry. It includes the study of partial derivatives, multiple integrals, infinite series, vector valued functions, line and surface integrals, Stoke's Theorem, and the Divergence Theorem. (2)

Transfer credit: UC, CSU (CAN: MATH 22)

MATH R122P—Advanced Calculus Problem Solving 1 unit

Prerequisites: MATH R122 or MATH R125 or concurrent enrollment.

1 hour lecture weekly

Course is a problem-solving session to accompany MATH R122 or MATH R125. It gives students the chance to gain a greater mastery of the topics covered in these courses by providing additional discussion and problem-solving opportunities. It also gives students a richer experience by introducing supplementary topics related to the core material of MATH R122 or MATH R125. This course may also include appropriate topics from the history of mathematics and opportunities to use a computer in solving calculus and related problems. Course may be taken three times. (2)

Transfer credit: CSU

MATH R125—Differential Equations with Linear Algebra (Catalog Revision)* 5 units

Prerequisites: MATH R121.

5 hours lecture weekly

The topics in this course will include vector spaces, linear transformations and matrices, eigenvectors, determinants, canonical forms, ordinary differential equations, systems of equations, and Laplace and Fourier transformations. Field trips may be required. (2)

Transfer credit: UC, CSU

MATH R134—Linear Algebra 3 units

Prerequisites: MATH R120.

3 hours lecture weekly

Topics include vector spaces, linear transformations, matrix operations, determinants, and solutions of systems of linear equations; emphasis upon computational skills. (2)

Transfer credit: UC, CSU (CAN: MATH 26)

MATH R139—Computer Programming C++ 4 units
(Not offered after Summer 2001)

Prerequisites: MATH R118, MATH R137, and MATH R137L or MATH R138 and MATH R138L.

3 hours lecture, 3 hours lab weekly

Concepts and techniques of object-oriented programming using C++. Topics include introduction to computers, history of programming languages, statements, functions, classes, pointers, arrays, overloading, file processing, preprocessor, inheritance.

Transfer credit: UC, CSU

MATH R143—Applied Differential Equations 3 units

Prerequisites: MATH R121 or equivalent.

3 hours lecture weekly

Topics will include linear differential equations, systems of differential equations, higher order equations, the Laplace and power series solutions.

Transfer credit: UC, CSU (CAN: MATH 24)

MATH R198—Short Courses in Mathematics ½-10 units

Lecture and/or lab hours as required by unit formula

Designed to meet specific needs of the college and community as required and requested by persons whose needs in this area are not met by regular course offerings.

Transfer credit: UC, CSU

MATH R199—Directed Studies in Math 1-3 units

Prerequisites: MATH R120.

Lecture and/or lab hours as required by unit formula

Designed for students interested in furthering their knowledge on an independent study basis. Course may be taken two times. (2)

Transfer credit: UC, CSU

*Course listings followed by an asterisk are revised course offerings and differ in one or more ways from the previously offered course of the same number, i.e. different unit value, pre or corequisite added or dropped, lab added or dropped, etc. Please see the 1999-2000 College Catalog for comparison.

NOTE: The courses listed below have been temporarily suspended. For further information, please contact the Math, Science & Health division office.

MATH 23	Geometry
MATH R136	Computer Programming—BASIC
MATH R136L	Computer Programming, Supervised Practice—BASIC
<i>(MATH R136 and MATH R136L—Not offered after Summer 2001)</i>	
MATH R137	Computer Programming—FORTRAN
MATH R137L	Computer Programming, Supervised Practice—FORTRAN
MATH R138	Computer Programming—PASCAL
MATH R138L	Computer Programming, Supervised Practice—PASCAL

MICROBIOLOGY

See courses in Biological Sciences

MULTIMEDIA STUDIES

The Multimedia Studies program provides students with a strong foundation in the emerging multimedia industry. Specific training is provided in the use of both software and hardware, content development and industry practices associated with producing multimedia products. Students are provided hands-on experience in multimedia through work-experience programs, internships, and on-campus instructional support projects.

Career Opportunities

Graphic Artist	Animator
Game Designer	Writer
Programmer	Visual Designer
2D/3D Animator	Video Producer
Creative Director	Sound Designer

Faculty

Full-Time

Leroy Robinson

◆ Multimedia

Associate in Science Degree Certificate of Achievement

Required Core Courses:		Units
MM R101	Multimedia: An Overview	2
MM R102	Multimedia Visual Design	3
MM R103	Audio and Motion Graphics	3
MM R104	Multimedia Design	3
MM R105	Multimedia Production	3
MM R106	Multimedia Portfolios	3
Total Required Units		17

Specialty Options (select one)

Art/Graphics Option

ART R104A	Beginning Color and Design	2
ART R104B	Intermediate Color and Design	2
ART R106A	Beginning Drawing	3
ART R130	Introduction to Commercial Art	2
PHOT R100	Introduction to Photography	3
		12

Broadcast/Television Option

TV R101	Broadcast Studio Operation	3
TV R102	Television Production Workshop	3
TV R103	Television Directing and Editing	3
TV R105	Television Writing	3
		12

Business Option

BUSR111A	Business Law I	3
BUSR120	Introduction to Business	3
BUSR121	Introduction to Management	3
BUSR123	Small Business Management	3
BUSR132A	Marketing	3
BUSR133	Advertising	3
		18

Journalism Option

JOUR R101	News Writing and Reporting	3
JOUR R104	Journalistic Layout and Design	3
JOUR R105	Magazine Production	2
JOUR R120	Newspaper Desktop Publishing with PageMaker	2
JOUR R133	Advertising	3
		13

Music Option

MUS R101	Fundamentals of Music	3
MUS R103A	Music Appreciation I: Listening and Understanding	3
MUS R107A	Class Piano I	2
MUS R107B	Class Piano II	2
		10

Programming Option

CIS R100	Introduction to Computer Information Processing Systems	3
CIS R101	Problem Principles and Design	3
CIS R114A/L	COBOL Programming I/Lab	3/1
		10*

*Plus one more course, to be determined by the department.

Web Design Option

CIS R022A/L	Microsoft Office/Lab	3/1
CIS R025A/L	PowerPoint/Lab	2/1
CIS R028B/L	PageMaker/Lab	3/1
CIS R114A/L	COBOL Programming I/Lab	3/1
		15*

*Plus one more course, to be determined by the department.

Multimedia Courses

MM R101—Multimedia: An Overview **2 units**

2 hours lecture weekly

This course presents an overview of the multimedia industry, including the commercial, artistic, and technical aspects of development and production. Topics include: the composition of development teams, occupational opportunities, evaluating multimedia, visual literacy's influence on our culture, and writing for nonlinearity. Field trips may be required.

Transfer credit: CSU

MM R102—Multimedia Visual Design **3 units**

2 hours lecture, 3 hours lab weekly

Using traditional and computer at tools, students learn principles of design, including: line, shape/form, space, size/scale, texture/pattern, orientation, light, value, volume, perspective, typography, and color. These principles are explored in a series of progressive projects that help students produce media that are aesthetically rich and artistically sound. Field trips may be required.

Transfer credit: CSU

MM R103—Audio and Motion Graphics **3 units***2 hours lecture, 3 hours lab weekly*

The student will be introduced to audio and video production for multimedia. Topics include: creating, editing, or retooling preexisting sound and video files for multimedia projects; fundamentals of camera work, lighting, sound development, editing, and story boarding for interactive media. Field trips may be required.

*Transfer credit: CSU***MM R104—Multimedia Design** **3 units***2 hours lecture, 3 hours lab weekly*

Students work collaboratively to write, design, and produce a full-scale, multimedia product, such as an online tutorial, interactive game or informative kiosk program. Using skills acquired in prior courses, students learn how to put it all together in two successive courses, from concept formation to formative evaluation, while working as a team on teacher-guided, real-world projects. Students design their projects, ideas are generated, specification documents/story boards are constructed, prospectus reports and scripts are written, delivery platforms are considered, media requirements are identified, preexisting media are collected, interfaces are designed, and rapid prototypes are created. Field trips may be required.

*Transfer credit: CSU***MM R105—Multimedia Production** **3 units***2 hours lecture, 3 hours lab weekly*

Students work collaboratively to produce artifacts from designs and specifications (including created media). Students will write formative evaluations and documentation/instructional manuals. Field trips may be required.

*Transfer credit: CSU***MM R106—Multimedia Portfolios** **3 units***2 hours lecture, 3 hours lab weekly*

Students develop entrepreneurship skills to prepare for self-managed and flexible careers in multimedia. Topics to be covered include: how to contact and communicate with prospective employers in written and verbal format, how to design and develop an effective resume and online portfolio, and how to prevent work or project ideas. Field trips may be required.

Transfer credit: CSU

MUSIC

Career Opportunities

Accompanist	Musicologist/Researcher
Arranger/Orchestrator	Music Business Administrator
Conductor/Music Director	Performer

Faculty

Full-Time	Part-Time
James Kenney	Michael Bonn
	Mona Decesare
	Edward Francis
	Carlos Gonzales
	Bruce Hardy

Music Courses**MUS R101—Fundamentals of Music** **3 units***3 hours lecture weekly*

Designed for students with little or no prior understanding of music who wish to learn to read music; objective is to gain basic understanding of scales, intervals, chords, key signatures, time signatures, musical symbols, and an introduction to piano keyboard.

*Transfer credit: UC, CSU***MUS R102A—Music Theory I** **4 units***Prerequisites: MUS R101.**3 hours lecture, 3 hours lab weekly*

Review of fundamentals; basic aspects of pitch and rhythm organization, intervals, keys and scales, tonality, cadences, basic melody, two-voice combinations, and decorate pitches, development of skills in analysis, music reading, aural training, and keyboard harmony. Designed for music majors and others with equivalent knowledge of fundamental music theory.

*Transfer credit: UC, CSU (CAN: MUS 2)***MUS R102B—Music Theory II** **4 units***Prerequisites: MUS R102A.**3 hours lecture, 3 hours lab weekly*

Continuation of MUS R102A. Study of three-voice counterpoint, chord structure, homophonic and contrapuntal textures, harmonic progression, secondary dominants, and tonality changes; analysis of binary, ternary, and through-composed forms; continued development of ear-training and keyboard skills. Designed for music majors and others with musical background.

*Transfer credit: UC, CSU***MUS R102C—Music Theory III** **4 units***Prerequisites: MUS R102B.**3 hours lecture, 3 hours lab weekly*

Continuation of MUS R102B. Study of tonal structure and form, rondo form, variation forms, the fugue, the chorale prelude, and sonata form; seventh, ninth, diminished, Neapolitan and augmented sixth chords; continued development of ear-training and keyboard skills; formal analysis. Designed for music majors and others of adequate musical background.

*Transfer credit: UC, CSU***MUS R102D—Music Theory IV** **4 units***Prerequisites: MUS R102C.**3 hours lecture, 3 hours lab weekly*

Continuation of MUS R102C. Study of melodic, harmonic, rhythmic, and formal style characteristics in late 19th and 20th century music; analysis of works from Romantic, Impressionism, Expressionism, Neo-Classical, and "Modern" schools of composition. Continued development of ear-training and keyboard skills. Designed for music majors and others of adequate musical background.

*Transfer credit: UC, CSU***MUS R103A—Music Appreciation I: Listening and Understanding** **3 units***3 hours lecture weekly*

Survey of Western musical history from medieval to present; special emphasis on understanding and enjoyment in listening with an introduction to principles employed in music.

*Transfer credit: UC, CSU***MUS R103B—Music Appreciation II: Masterpieces of Music Literature** **3 units***Prerequisites: None. MUS R101 and/or MUS R103A recommended.**3 hours lecture weekly*

Survey of important composers, genres, and works from various style periods; emphasis on late Baroque, Classical, Romantic, and 20th century periods.

*Transfer credit: UC, CSU***MUS R104—Music History and Literature I** **3 units***Prerequisites: MUS R101 and MUS R103 or equivalent.**3 hours lecture weekly*

Traces style and technique of music composition from Gregorian Chant through such developments as medieval organum, secular song, and dance music of Middle Ages and Renaissance; polyphony and madrigals of the Renaissance; Baroque opera and instrumental music through 18th century contributions of Vivaldi,

Handel, and Bach. Emphasis is on listening and analyzing for style characteristics and on correlation of musical developments with those in other arts of the time. Recommended for music majors and others with adequate musical background.

Transfer credit: UC, CSU

MUS R105—Music History and Literature II **3 units**

Prerequisites: MUS R101 and MUS R103 or equivalent, MUS R104 recommended.

3 hours lecture weekly

Continuation of MUS R104. Study of changing styles, techniques, and forms of music from middle of 18th century to present. Recommended for music majors and others with adequate musical background.

Transfer credit: UC, CSU

MUS R106—College Choir **2 units**

1 hour lecture, 3 hours lab weekly

Learning and performing choral music for all interested men and women; choir participates in musical events on campus and/or in the community. Course may be taken four times. (2)

Transfer credit: UC, CSU

MUS R107A—Class Piano I **2 units**

1 hour lecture, 3 hours lab weekly

Course starts with fundamentals of piano playing and continue through accompaniments, studies in piano literature, to reading choral scores, improvisation, and harmonization of melodies. (2)

Transfer credit: UC, CSU

MUS R107B—Class Piano II **2 units**

Prerequisites: MUS R107A.

1 hour lecture, 3 hours lab weekly

Studies continue with additional major scales, cadence chord progressions, damper pedal technique, and further introductory/intermediate literature. (2)

Transfer credit: UC, CSU

MUS R107C—Class Piano III **2 units**

Prerequisites: MUS R107B.

1 hour lecture, 3 hours lab weekly

Studies in more intermediate piano literature, technique, improvisation, harmonization and sight-reading. (2)

Transfer credit: UC, CSU

MUS R107D—Class Piano IV **2 units**

Prerequisites: MUS R107C.

1 hour lecture, 3 hours lab weekly

Studies in more advanced piano literature, technique, improvisation, harmonization and sight-reading. (2)

Transfer credit: UC, CSU

MUS R108—Applied Music Study—Keyboard **1 unit**

Prerequisites: MUS R107 or equivalent, concurrent enrollment in a music activity course. MUS R102ABCD or concurrent enrollment recommended.

1 private lesson and 1 hour lecture weekly; daily practice required.

Private instruction and individual practice. Qualifying or final examinations by music staff. Course may be taken four times. (2)

Transfer credit: UC, CSU

MUS R110A—Voice I: Fundamentals of Vocal Techniques **3 units**

2½ hours lecture, 1½ hours lab weekly

Designed to begin development of vocal potential, to lay a foundation for proper vocal production, and to correct faulty singing. Material consists of song literature sung in English and vocal exercises. Basically for non-music majors or persons with little singing experience. (2)

Transfer credit: UC, CSU

MUS R110B—Voice II: Vocal Development and the Art of Song **3 units**

Prerequisites: MUS R110A.

2½ hours lecture, 1½ hours lab weekly;

Continuation of MUS R110A in development of proper vocal production; English, Italian, French, and German art songs studied. Standards and jazz styling introduced. Recommended that singers with adequate vocal technique begin with MUS R110B. (2)

Transfer credit: UC, CSU

MUS R110C—Voice III: Vocal Development and the Aria **3 units**

Prerequisites: MUS R110B.

2½ hours lecture, 1½ hours lab weekly

Continuation of vocal development through study of more challenging classical literature (e.g. Bach, Handel, Mozart). Songs by contemporary American composers and from musical theatre (e.g. Webber and Sondheim) may also be studied. (2)

Transfer credit: UC, CSU

MUS R110D—Voice IV: Voice in Musical Theatre Workshop **3 units**

Prerequisites: MUS R110C.

2½ hours lecture, 1½ hours lab weekly

Study of song literature from opera and musical theatre; studying and performing operas and musical plays in excerpt. Designed for singers with proven ability and interest in drama. (2)

Transfer credit: UC, CSU

MUS R111—Applied Music Study—Voice **1 unit**

Prerequisites: MUS R110BC or equivalent and concurrent enrollment in one music activity course; MUS R102ABCD or concurrent enrollment recommended.

1 private lesson and 1 hour lecture weekly; daily practice required

Private instruction and individual practice. Qualifying or final examinations by music staff. Course may be taken four times. (2)

Transfer credit: UC, CSU

MUS R112—Applied Music Study—Instruments **1 unit**

Prerequisites: Minimum ability (intermediate level) on an instrument and concurrent enrollment in one music activity course. MUS R102ABCD or concurrent enrollment recommended.

1 private lesson and 1 hour lecture weekly; daily practice required

Private instruction and individual practice. Qualifying or final examinations by music staff. Course may be taken four times. (2)

Transfer credit: UC, CSU

MUS R114—Concert Band **1 unit**

Prerequisites: Competency with a musical instrument appropriate to a concert band.

3 hours lab weekly

Rehearsal and performance of representative band literature; public performances may be given on campus and in the community. Course may be taken four times. (2)

Transfer credit: UC, CSU

MUS R115—Introduction to World Music **3 units**

3 hours lecture weekly

An introductory course focusing on the folk and classical music of non-western cultures, such as Indian, Oriental, African and Indonesian. (2)

Transfer credit: UC, CSU

MUS R116—History of Rock Music **3 units**

3 hours lecture weekly

Musical and cultural survey of original form of American music. Musical trends followed from influential traditions of early blues and jazz to most recent developments. Topics for consideration include Early Rock, the "British Invasion," and the Jazz-Rock Fusion. (2)

Transfer credit: UC, CSU

MUS R117—Stage Band**1 unit**

Prerequisites: Competency with a musical instrument appropriate to a stage band.

3 hours lab weekly

Practical experience in performing music in popular and jazz styles arranged for stage band. Public performances on campus and in community. Course may be taken four times. (2)

Transfer credit: UC, CSU

MUS R118—Introduction to Guitar**1 unit**

3 hours lab weekly

Fundamentals of guitar and related musicianship; basic techniques and repertoire unique to the folk guitar; chordal accompaniment to folk singing will be emphasized. Students furnish own instrument. Course may be taken four times. (2)

Transfer credit: UC, CSU

MUS R119—History of Jazz**3 units**

3 hours lecture weekly

Examination of musical elements as they apply to Jazz; historical survey of major jazz styles from origins to most recent trends. (2)

Transfer credit: UC, CSU

MUS R120—Performance of Gospel Music**1 unit**

3 hours lab weekly

Study and performance of solo and choral literature from the Black gospel music tradition, open to interested men and women of all backgrounds. Public performances may be given. (2)

Transfer credit: UC, CSU

MUS R121—Vocal Ensemble**1 unit**

Prerequisites: Demonstrated ability in performing area.

3 hours rehearsal weekly

Development of vocal chamber groups to study literature written for ensemble groups; to perfect and perform these compositions. (2)

Transfer credit: UC, CSU

MUS R124—Choral Conducting**3 units**

Prerequisites: Ability to read music score.

3 hours lecture weekly

Basic conducting skills and rehearsal procedure. Exploration of choral literature suitable for school, church, and civic choirs-style, performance, and interpretation. (2)

Transfer credit: UC, CSU

MUS R125—Musical Theatre Rehearsal and Performance**2 units**

Prerequisites: Audition required.

1 hour lecture, 3 hours lab weekly

Rehearsal and performance of college-sponsored musical theatre productions; experience in one or more aspects of a production: leading roles, chorus, dancing, dramatic techniques of musicals, backstage and technical work. Course may be taken two times. (2)

Transfer credit: UC, CSU

MUS R189A—Black Experience in the Fine Arts**3 units**

3 hours lecture weekly

Designed for students wishing to increase their knowledge and understanding of music, art, poetry, dance, and theatre as they relate to contemporary Black society. (2)

Transfer credit: UC, CSU

MUS R198—Short Courses in Music**½-10 units**

Lecture and/or lab hours as required by unit formula

Short courses in selected areas of music to meet specific needs of college or community as required or requested by persons whose needs are not met by regular course offerings. Topics might include but are not limited to musical theatre, opera workshop, accompanying, piano teaching, conducting, church music, instrumental or choral techniques, master classes, diction, music education. (2)

Transfer credit: UC, CSU

MUS R199—Directed Studies in Music**1-3 units**

Prerequisites: A course in the specific field.

Lecture and/or lab hours as required by unit formula

Designed for students interested in furthering their knowledge of music on an independent study basis; assigned problems will involve library, lab, and field work. Course may be taken two times.

Transfer credit: UC, CSU

PERSONAL GROWTH/ LEADERSHIP

The Personal Growth course offerings provide an assortment of courses which enable people to better understand themselves, institutions, and the work world, with a professional counselor as instructor, advisor, and/or facilitator.

Faculty

Full-Time/Counselor

Margarita Corral
Priscilla de Garcia

Anthony Raptis
Emma Waits

Leadership Courses

LDR R100—Student Leadership**2 units**

Prerequisites: Designed for students involved in student government and other interested students.

1 hour lecture, 3 hours lab weekly

Practical course designed to provide ASOC officers, club officers, and interested students with methods and techniques essential in becoming effective leaders. Participants learn parliamentary procedure and become well-versed in student government issues at local, state, and national level. Practical applications in the execution of student activities and programs will also be stressed. Course may be taken four times.

Transfer credit: CSU

Personal Growth Courses

PG R001—Orientation: All About Oxnard College**½ unit**

½ hour lecture weekly

Course offers information about academic counseling, study skills, college activities and clubs, student services, vocational programs, and basic survival hints. Not applicable for degree credit. Course may be taken two times. (1)

PG R002—Job Development**½ unit**

½ hour lecture weekly

Specialized workshops or services designed to upgrade student abilities in the area of job-seeking techniques, job resume preparation, and job interviewing methods; practical experiences in the actual resume writing process, as well as personal interviewing practice. Not applicable for degree credit. Course may be taken two times. (1)

PG R003—Academic Assessment**1½ units**

1½ hours lecture weekly

To assist students in assessing their past, present, and future academic objectives; by reviewing their past academic performance, students will be able to determine whether their present academic objectives are realistic. Not applicable for degree credit. (2)

PG R004—Peer Advisor Training**3 units**

3 hours lecture weekly

Familiarizes students with philosophy, goals, program, course offerings and services of community colleges, and techniques and skills designed to develop and improve students' ability to relate to and help fellow students. Successful participation in this course is recommended for campus peer advisor positions. Not applicable for degree credit. Course may be taken two times. (2)

PG R005—Career Search**1½ units***1½ hours lecture weekly*

Students will explore their values, aptitudes, interests, and temperaments and how they assess themselves in the various occupational choices they are making. Procedures for value clarification and decision making will be practiced. Test interpretation and personal counseling used to assist students in examining vocational options. Not applicable for degree credit. (1)

PG R006—Vocational Assessment**½ unit***½ hour lecture weekly*

Assist students in career preparation, selection, and access. Individualized vocational testing and counseling to provide maximum input on vocational goals and future plans. Not applicable for degree credit. Course may be taken three times. (1)

PG R007—Single Parent Issues**1 unit***1 hour lecture weekly*

Course designed as support system for low income, single parent students. Students will explore attitudes, develop goals, and examine problems that might be encountered in achieving goals. Students gain knowledge of campus and community resources to assist in their progress. Not applicable for degree credit. Course may be taken three times. (1)

PG R098—Short Courses in Personal Growth**½-1 unit***Lecture and/or lab hours as required by unit formula*

This course is designed to meet specific needs of our community and students in the area of personal growth topics. Not applicable for degree credit. Course may be taken two times. (1)

**PG R100A—Student Success: EOPS
(New Course-Fall 2001)****1 unit***1 hour lecture weekly*

This course is designed to provide students with college survival techniques: Learn what the EOPS services are, tour the campus, use the college catalogue, identify the requirements for graduation and transferring to a four year university, navigate the financial aid process and requirements, review academic policy, utilize career search services, explore other support services, review available study skills and learn how to develop an educational plan. (1)

*Transfer credit: CSU***PG R101A—Career Development and Life
Planning I****3 units***3 hours lecture weekly*

Assists students systematically to examine components of career choice; focuses on career awareness, personal awareness, and educational awareness as they relate to the process of career choice. Planning skills and self-assessment instruments will help identify tentative career possibilities. Course may be taken two times. (2)

*Transfer credit: CSU***PG R101B—Career Development and Life
Planning II****3 units***Prerequisites: PG R101A.**3 hours lecture weekly*

Provides in-depth methods of self-assessment, and increases personal knowledge and awareness for developing effective career decision-making strategies. (2)

*Transfer credit: CSU***PG R102—College Success****3 units***3 hours lecture weekly*

Course teaches student academic success by presenting the theory and practice of effective study skills, life skills, coping skills and learning skills and encourages the enhancement of student motivation and self-esteem through the use of assessment procedures, journals, and class discussions. Course may be taken two times. (2)

*Transfer credit: CSU***PG R198—Short Courses in Personal Growth****½-10 units***Lecture and/or lab hours as required by unit formula*

Course offerings in personal growth designed to meet specific needs of the college and community as required and/or requested by persons or organizations. Field trips may be required. Course may be taken two times. (2)

Transfer credit: CSU

PHILOSOPHY

Career OpportunitiesBusiness Executive
Social/Welfare WorkerSales Personnel/Manager
Teacher**Faculty****Full-Time**Carolyn Dorrance
Christopher Horrock**Part-Time**Aleksandar Jokic
Ron McCamy
Russell Sanders
James Tepfer**◆ Philosophy****Associate in Arts Degree****Required Courses:**

PHIL R101	Introduction to Philosophy	Units
PHIL R107	Logic	3

3

3

6

Required Additional Courses:**Units**

Complete a minimum of 12 units from the following:

ANTH R189C	Magic, Religion, and Witchcraft	3
ECON R101	Principles of Macroeconomics	3
PHIL R102	Introduction to Ethics	3
PHIL R103	World Religions: East	3
PHIL R104	World Religions: West	3
PHIL R105	Great Philosophers I	3
PHIL R106	Great Philosophers II	3
PHIL R110	Philosophy of Religion	3
PHIL R111	Critical Thinking	3
PHIL R114	Social Philosophy	3
POLS R100	Introduction to Politics	3
SOC R114	Social Philosophy	3

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Total Required Units**18****Philosophy Courses****PHIL R101—Introduction to Philosophy
(Catalog Revision)*****3 units***3 hours lecture weekly*

This course attempts to clarify the nature of the philosophic enterprise and the place of philosophy in intelligent living. At least two of the following areas are surveyed: metaphysics (study of reality), epistemology (nature of knowledge), political philosophy, aesthetics, philosophy of science, and philosophy of religion. An effort is made to relate the thoughts of the philosopher directly to experiences and vital concerns of beginning students. This course is recommended for both majors and non-majors. (2)

Transfer credit: UC, CSU (CAN: PHIL 2)

*Course listings followed by an asterisk are revised course offerings and differ in one or more ways from the previously offered course of the same number, i.e. different unit value, pre or corequisite added or dropped, lab added or dropped, etc. Please see the 1999-2000 College Catalog for comparison.

PHIL R102—Introduction to Ethics
*(Catalog Revision)**

3 units

3 hours lecture weekly

This course provides an introduction to the nature and main types of ethical theory developed in the West. The course will examine the continuing quest for developing adequate ethical theories for contemporary individuals, together with suggestions for making progress toward this goal. This course is recommended for both majors and non-majors. (2)

Transfer credit: UC, CSU (CAN: PHIL 2)

PHIL R103—Survey of World Religions: East

3 units

3 hours lecture weekly

Origin and historical development of major ideas of the world's Eastern religious traditions, including Hinduism, Buddhism, Taoism, Confucianism, and Zen. (2)

Transfer credit: UC, CSU

PHIL R104—Survey of World Religions: West

3 units

3 hours lecture weekly

Origin and historical development of major ideas of the world's Western religious traditions including Judaism, Christianity, and Islam. (2)

Transfer credit: UC, CSU

PHIL R105—The Great Philosophers I

3 units

3 hours lecture weekly

Introduction to philosophy from an historical perspective; considers ideas which have had a dominant impact on Western Civilization, their logical development, and their influence on contemporary society. Begins with the birth of science and philosophy in ancient Greece and continues to the development of Christian philosophy through the Middle Ages. Special emphasis given to Socrates, Plato, and Aristotle. (2)

Transfer credit: UC, CSU (CAN: PHIL 8)

PHIL R106—The Great Philosophers II

3 units

3 hours lecture weekly

Introduction to philosophy from an historical perspective; considers the ideas which have had a dominant impact on Western civilization, their logical development, and their influence on contemporary society. Begins with the birth of the modern mind and rise of science in the Renaissance and continues to present day. Special emphasis given to the schools of rationalism, empiricism, critical philosophy, and existentialism. (2)

Transfer credit: UC, CSU (CAN: PHIL 10)

PHIL R107—Logic

3 units

3 hours lecture weekly

Logic is the science and the art of correct thinking. Logic answers the question: "What causes thinking?" Course considers ideas, definitions, forms of reasoning, and fallacies. (2)

Transfer credit: UC, CSU (CAN: PHIL 6)

PHIL R108—Mythology

3 units

3 hours lecture weekly

Survey and comparative study of global myths concerning origin of world, nature of universe and humankind, processes of change and transformation, and connections between spiritual and mundane worlds; also examines philosophical and social functions of myths and symbols. (2)

Transfer credit: UC, CSU

PHIL R109—Modern Religious Movements in America

3 units

3 hours lecture weekly

Survey of modern and often highly unusual religious movements in America, including variants of Christianity and non-Christian religions—Zen and Tibetan movements, Vedanta, Transcendental Meditation, Krishna Consciousness, spiritualism, and Satanism—as well as a discussion of the history of religious movements and causes underlying current religious variations. (2)

Transfer credit: UC, CSU

PHIL R110—Philosophy of Religions

3 units

3 hours lecture weekly

The philosophy of religion investigates empirical, logical, and rational basis for proving existence of God, and understanding nature of God, God's relation to natural reality, and the impact of this philosophical study upon religions. (2)

Transfer credit: UC, CSU

PHIL R111—Thinking Critically and Analytic Writing

3 units

Prerequisites: ENGL R101.

3 hours lecture weekly

Survey of and practice in reasoning, including analysis, critical reasoning and synthesis, induction and deduction, and identification of assumptions and perspectives. Emphasis on both oral and written analysis and argumentation of issues involving fact, belief and value, and on common fallacies of thought, logic and language. Students will learn the basics of analytic writing and the relation of writing to critical thinking. Not available for credit for students with credit in PHIL R121. Will fill the IGETC Critical Thinking-English Composition requirement. (2)

Transfer credit: UC, CSU

PHIL R112—Symbolic Logic and Set Theory

3 units

3 hours lecture weekly

Introduction to symbolic logic and set theory; includes investigation of truth and validity, formal proof and symbolizing relations, truth sets, truth tables and Boolean algebra, and a description of axiomatic systems. (2)

Transfer credit: UC, CSU

PHIL R114—Social Philosophy

3 units

3 hours lecture weekly

Social philosophy studies man in society from the standpoint of metaphysical and ethical principles and presuppositions of human nature. Course highlights major historical and contemporary perspectives in the history of philosophy and takes one prominent social philosopher for detailed study. Questions concerning legal and social relationships, purpose in social order, and ethical values in human institutions explored. (Same as SOC R114) (2)

Transfer credit: UC, CSU

PHIL R121—Thinking Critically

3 units

3 hours lecture weekly

Survey for non-majors of and practice in reasoning, analysis and synthesis, induction and deduction, recognizing assumptions and perspectives. Emphasis on oral and written argumentation, involving fact, belief and value, and discussion of common fallacies of thought, reason and language. Students will learn the basics of analytic writing and the relation of writing to critical thinking. Not available for credit for students with credit in PHIL R111. (2)

Transfer credit: UC, CSU

*Course listings followed by an asterisk are revised course offerings and differ in one or more ways from the previously offered course of the same number, i.e. different unit value, pre or corequisite added or dropped, lab added or dropped, etc. Please see the 1999-2000 College Catalog for comparison.

PHIL R189—Topics in Philosophy**½-3 units***Lecture hours as required by unit formula*

Topics in selected areas of philosophy to meet specific needs of community or college as required or requested by persons whose needs are not met by regular course offerings. (2)

Transfer credit: UC, CSU

PHIL R199—Directed Studies in Philosophy **1-3 units***Lecture and/or lab hours as required by unit formula*

Designed for students interested in furthering their knowledge of philosophy on an independent study basis; assignments will include library research, written work, and discussion with instructor. Course may be taken two times. (2)

Transfer credit: UC, CSU

PHOTOGRAPHY

Faculty**Part-Time**

Jim Englund

Photography Courses**PHOT R100—Introduction to Photography** **3 units***2 hours lecture, 3 hours lab weekly*

Course is designed for the student with little or no previous photographic training. It includes both camera technique and the application of design, perspective, and aesthetic elements applied to taking outstanding photographs. Student must own or have access to a 35mm camera. Field trips may be taken. (2)

Transfer credit: UC, CSU

PHYSICAL EDUCATION

Graduation Requirements for the Associate in Arts and Associate in Science degrees: Physical Education is not a requirement for enrollment in the college. However, students who wish to earn an Associate in Arts Degree must successfully complete a minimum of one Health Education course and one Physical Education activity course, without exemption.

Summer school Physical Education classes may count toward fulfilling requirements for an Associate in Arts degree.

Uniform Requirements—The uniform or costume appropriate for the course is required of all students.

Career Opportunities

Pre-Athletic Trainer

Pre-Physical Therapy

Physical Education Instructor

Faculty**Full-Time**

Juan Hernandez
Remy McCarthy
Ron McClurkin
Ralph Smith
Jerry White

Part-Time

Bill Becketl
Jorge Brescia
Pam Cohen
Ron Cook
Marti Dibble
Susan Farrell
Marcia Greycloud
John Larson
Pat Olivares
George Peraza
Mike Scanlon
Cameron West
Michael Young

Physical Education Courses**PE R098—Short Courses in Physical Education** **½-10 units***Lecture and/or lab hours as required by unit formula*

Short courses or activities designed to inform and/or train interested persons in various disciplines within the scope of Physical Education. Unit credit/hours determined by course format. (2)

AQUATICS ACTIVITIES**PE R100—Swimming for Non-Swimmer****1½ units***1 hour lecture, 2 hours lab weekly*

Course designed for the non-swimming individual with an anxiety toward water as determined by pre-swimming test. Introduction, instruction, and practice of the basic, fundamental elements of swimming skills and safety practices. Course may be taken four times. (2)

Transfer credit: UC, CSU

PE R101—Swimming for Fitness**2 units***1 hour lecture, 3 hours lab weekly*

Course designed to improve swimming techniques. Emphasis on endurance training for improved cardiovascular fitness and weight control. Attention also given to survival techniques and emergency procedures. Course may be taken four times. (2)

Transfer credit: UC, CSU

PE R102A—Swimming I**1½ units***1 hour lecture, 2 hours lab weekly*

Swimming, diving, and water safety. Ability to pass American Red Cross Advanced Beginner Swimmer course will be a major aim. Course may be taken two times. (2)

Transfer credit: UC, CSU

PE R102B—Swimming II**2 units***Prerequisites: PE R102A or equivalent.**1 hour lecture, 3 hours lab weekly*

Swimming, diving, and water safety. Ability to pass the American Red Cross Intermediate Swimmer course will be a major aim. Course may be taken two times. (2)

Transfer credit: UC, CSU

PE R103—Senior Life Saving/Advanced**1½ units***Prerequisites: Ability to pass the qualification test.**1 hour lecture, 2 hours lab weekly*

Instruction and practice in American Red Cross Advanced Life Saving and Water Safety. Emphasis on personal safety, safety and self-rescue in the use of small craft, elementary forms of rescue, swimming rescue, artificial respiration. American Red Cross may include certification in Advanced Life Saving.

Transfer credit: UC, CSU

PE R104—Water Safety Instructor**3 units***Prerequisites: Current American Red Cross Advanced Lifesaving Certificate.**2 hours lecture, 3 hours lab weekly*

Theory and practical techniques needed to teach water safety techniques and procedures to all ages and abilities. May include certification as American Red Cross Water Safety Instructor with authorization to teach and certify swimming and life-saving classes, or American Red Cross Basic and Swimming Instructor with authorization to teach elementary swimming classes.

Transfer credit: UC, CSU

PE R105—Aquatic Exercise/Rehabilitative**1½ units***1 hour lecture, 2 hours lab weekly*

Course designed to provide a water environment in which to conduct "weightless" exercise routines for those students with physical problems restricting exercise in weight-supported setting. Course may be taken four times. (2)

Transfer credit: UC, CSU

DANCE

PE R115—Rhythmic Dance/Athletes 1½ units

Prerequisites: Recommended for students with advanced physical skills and/or participation in a varsity sport.

1 hour lecture, 2 hours lab weekly

Analysis and use of rhythmic dance to enhance the physical and athletic capabilities of participants. Emphasis on flexibility, coordination, balance, rhythm, speed, agility and expressive movement. Incorporation of these factors in personal fitness and athletic performance. Course may be taken four times. (2)

Transfer credit: UC, CSU

PE R116A—Modern Dance I 1½ units

1 hour lecture, 2 hours lab weekly

Development of proficiency in modern dance techniques, skills, and development of understanding and appreciation of modern dance as an art form. Course may be taken two times. (2)

Transfer credit: UC, CSU

PE R116B—Modern Dance II 2 units

Prerequisites: PE R116A or equivalent.

1 hour lecture, 3 hours lab weekly

Continuing study of modern dance techniques with emphasis upon combination of basic skills. Study of the dance phrase integrating elements of rhythm, design, dynamics, and motivation change. Course may be taken two times. (2)

Transfer credit: UC, CSU

PE R118A—Ballet I 1½ units

1 hour lecture, 2 hours lab weekly

Introduction to basic ballet techniques, including exercise at the barre to develop flexibility, strength, control, and resilience and center practice of simple Port des Bras, Adage, and Allegra combinations. Course may be taken two times. (2)

Transfer credit: UC, CSU

PE R118B—Ballet II 2 units

Prerequisites: PE R118A or equivalent.

1 hour lecture, 3 hours lab weekly

Continued study of ballet techniques with emphasis on more advanced skills necessary for center combinations and student performances. Course may be taken two times. (2)

Transfer credit: UC, CSU

PE R119A—Modern Jazz I 1½ units

1 hour lecture, 2 hours lab weekly

Development of proficiency in jazz technique and skills and development of an understanding and appreciation of jazz as a dance form. Course may be taken two times. (2)

Transfer credit: UC, CSU

PE R119B—Modern Jazz II 2 units

Prerequisites: PE R119A or equivalent.

1 hour lecture, 3 hours lab weekly

Continuing study of Modern Jazz dance with technique emphasis upon combination of basic skills. Study of integrating elements of jazz dance, combining techniques, rhythm, design, and level change in dance form. Course may be taken two times. (2)

Transfer credit: UC, CSU

PE R124—Mexican Dance/Folklorica 1½ units

1 hour lecture, 2 hours lab weekly

Development of basic Mexican dance skills, understanding and appreciation. Course may be taken two times. (2)

Transfer credit: UC, CSU

INDIVIDUAL AND DUAL ACTIVITIES

PE R130—Martial Arts—Jujitsu 1½ units (New Course-Fall 2001)

½ hour lecture, 3 hours lab weekly

Jujitsu, one of the olders Japanese martial arts practiced, was once used by the feudal samurai warrior class. It is an unarmed self-defense system incorporating various methods of defensive tactics. Emphasis is on break falling, kicking, punching, and blocking effectively as well as the application and defense of joint locks, nerve manipulation, chokes, take down and control techniques. Course may be taken three times.

Transfer credit: CSU

PE R136—Golf/Approach and Putting 1½ units

1 hour lecture, 2 hours lab weekly

Course designed to teach beginners mechanics of the short drive, chip shot, and putt. Also for persons already golfing to improve green approaches and trap techniques and putting. Course may be taken four times. (2)

Transfer credit: UC, CSU

PE R138—Handball 1½ units

1 hour lecture, 2 hours lab weekly

Course designed to develop the knowledge and skills required to play handball, including beginning and more advanced skills, court etiquette, rules, game strategy, techniques, and safety. Course may be taken four times. (2)

Transfer credit: UC, CSU

PE R140A—Golf I 1½ units

1 hour lecture, 2 hours lab weekly

Development of skill in playing golf, including etiquette, rules, and techniques. Course may be taken two times. (2)

Transfer credit: UC, CSU

PE R140B—Golf II 2 units

Prerequisites: PE R140A or equivalent.

1 hour lecture, 3 hours lab weekly

Advanced techniques and skills development with special emphasis on links play. Students are assigned play on local courses at their own expense. Course may be taken two times. (2)

Transfer credit: UC, CSU

PE R141A—Tennis I 1½ units

1 hour lecture, 2 hours lab weekly

Development of skill in playing tennis, including beginning skills, etiquette, rules, and techniques of play. Course may be taken two times. (2)

Transfer credit: UC, CSU

PE R141B—Tennis II 2 units

Prerequisites: PE R141A or equivalent.

1 hour lecture, 3 hours lab weekly

Development of higher proficiency and performance of tennis skills with special emphasis on game strategy and techniques. Course may be taken two times. (2)

Transfer credit: UC, CSU

PE R142—Racquetball 1½ units

1 hour lecture, 2 hours lab weekly

Course covers the basic fundamentals of racquetball including game rules, proper use and purchase of equipment, court etiquette and safety. Course may be taken four times. (2)

Transfer credit: UC, CSU

PE R143—Running for Fitness**1½ units***1 hour lecture, 2 hours lab weekly*

Exercise program of relaxed walking and running to improve fitness level of nearly everyone at any age level. Course may be taken four times. (2)

*Transfer credit: UC, CSU***PE R146A—Walking for Fitness I****1½ units***1 hour lecture, 2 hours lab weekly*

Course designed to provide exercise and fitness training for the sedentary student population. Emphasis on cardiovascular conditioning and muscle tone. Individualized; meets most rehabilitation needs. Designed to prepare students for more strenuous physical activity. This course also includes two complete physical fitness evaluations in the college's Human Performance Lab to insure a more knowledgeable starting point and continuing evaluation. Course may be taken two times. (2)

*Transfer credit: UC, CSU***PE R146B—Walking for Fitness II****1½ units***Prerequisites: PE R146A.**1 hour lecture, 2 hours lab weekly*

Course designed to provide exercise and fitness training for the walking student population. Emphasis on individualized cardiovascular conditioning, muscle strength, and endurance related specifically to walking and power walking. Designed for students to participate in and achieve a more strenuous physical activity program. Course may be taken two times. (2)

*Transfer credit: UC, CSU***PE R147—Isotonic Exercise****1½ units***1 hour lecture, 2 hours lab weekly*

Studies mechanics of isotonic exercises with examination of movement, endurance, flexibility, and strength exercises. May include, but not limited to, analysis of proper nutrition, stress reduction, cardiovascular efficiency, high blood pressure, and optimum body weight. Useful for persons currently employed in or contemplating entering vigorous or stress-producing occupations. Appropriate physical activities to test concepts presented. (2)

*Transfer credit: CSU***PE R148—Women's Conditioning****1½ units***1 hour lecture, 2 hours lab weekly*

Designed to improve general condition, feeling, and appearance of the body. Includes weight lifting, vigorous exercise, and understanding of effects of different types of exercise. Students will learn to establish own personal exercise and weight control program. Course may be taken four times. (2)

*Transfer credit: UC, CSU***PE R149—Circuit Training****1½ units***1 hour lecture, 2 hours lab weekly*

Circuit training is a system of exercises designed in a particular sequence to meet a fitness goal. Students move from exercise station to station completing the circuit in a specific amount of time. A variety of circuits are used throughout the semester to meet a variety of fitness goals. Limited lecture/discussion on strength, development, flexibility maintenance, body composition, weight loss, diet/cholesterol, heart disease risk factor and other parameters of fitness. Course may be taken four times. (2)

*Transfer credit: UC, CSU***PE R150—Weight Training/Conditioning****1½ units***1 hour lecture, 2 hours lab weekly*

Basic techniques, skills and principles of fitness and development and maintenance of a high level of efficiency. Course may be taken four times. (2)

*Transfer credit: UC, CSU***ADAPTIVES****PE R151—Adapted Aquatics****1½ units***1 hour lecture, 2 hours lab weekly*

A basic swimming/resistance instructional class for individuals with disabilities. Instruction will be tailored to each student's individual needs and swimming abilities. Course may be taken four times. (2)

*Transfer credit: UC, CSU***PE R152—Adapted Movement Exploration****1½ units***1 hour lecture, 2 hours lab weekly*

Fundamentals of fitness through exercise and lecture, including individualized stretching programs, Tai-chi/Yoga, dance kines-thetic principles, and healthful living practices to improve self-image and body awareness in students having disabilities. Course may be taken four times. (2)

*Transfer credit: UC, CSU***PE R153—Adapted Individual/
Dual/Team Sports****1½ units***1 hour lecture, 2 hours lab weekly*

Special course designed to meet needs of students unable to participate in non-adaptive individual, dual and team sports. Specific activity content may vary due to individual and group needs and interests. Course may be taken four times. (2)

*Transfer credit: UC, CSU***PE R154—Adapted Body Conditioning****1½ units***1 hour lecture, 2 hours lab weekly*

Special course designed to meet needs of students unable to participate in non-adaptive PE R150 Weight Training and Body Conditioning class. Techniques, skills and principles of weight training and body conditioning are related to physical fitness for the maintenance and development of a high level of body efficiency. Course may be taken four times. (2)

*Transfer credit: UC, CSU***TEAM ACTIVITIES****PE R155A—Basketball I****1½ units***1 hour lecture, 2 hours lab weekly*

Development of basic skills in playing basketball, including rules and techniques. Course may be taken two times. (2)

*Transfer credit: UC, CSU***PE R155B—Basketball II****1½ units***Prerequisites: PE R155A or equivalent.**1 hour lecture, 2 hours lab weekly*

For those students who want to become proficient in basketball. Previous experience in basketball is not necessary. A continuing development of a high degree of skill is emphasized. Course may be taken two times. (2)

*Transfer credit: UC, CSU***PE R156A—Baseball I****1½ units***1 hour lecture, 2 hours lab weekly*

Development of basic skills for playing baseball, including rules and techniques. Course may be taken two times. (2)

*Transfer credit: UC, CSU***PE R156B—Baseball II****2 units***1 hour lecture, 3 hours lab weekly*

Development of higher proficiency and performance of baseball skills with special emphasis on game strategy and techniques. Course may be taken two times. (2)

*Transfer credit: UC, CSU***PE R159A—Soccer I****1½ units***1 hour lecture, 2 hours lab weekly*

Development of skills in playing soccer, including rules, techniques, and strategy. Course may be taken two times. (2)

Transfer credit: UC, CSU

PE R159B—Soccer II**1½ units***Prerequisites: PE R159A or equivalent.**1 hour lecture, 2 hours lab weekly*

Advanced techniques and skills in the game of soccer. Course may be taken two times. (2)

*Transfer credit: UC, CSU***PE R160—Co-Ed Softball****1½ units***1 hour lecture, 2 hours lab weekly*

Co-educational instruction and participation in basic skills and strategy of slow pitch softball. Course may be taken four times. (2)

*Transfer credit: UC, CSU***PE R161A—Volleyball I****1½ units***1 hour lecture, 2 hours lab weekly*

Development of basic skills in playing volleyball including rules, techniques of playing power volleyball. Course may be taken two times. (2)

*Transfer credit: UC, CSU***PE R161B—Volleyball II****1½ units***Prerequisites: PE R161A or equivalent.**1 hour lecture, 2 hours lab weekly*

Advanced techniques and strategies in playing power volleyball at the six, four, and two person levels; continuing development of high skills emphasized. Course may be taken two times. (2)

*Transfer credit: UC, CSU***PE R163—Track and Field****1½ units***1 hour lecture, 2 hours lab weekly*

Advanced technique and strategies in track and field; continuing development of high degree of skill is emphasized in preparation for a competitive season. Special attention to research of skills needed for proficiency in the sport. Course may be taken four times. (2)

*Transfer credit: UC, CSU***PE R165—Conditioning for Athletes****½-2 units***1½ - 6 hours lab weekly*

This course is designed to properly prepare and condition prospective athletes. Varsity athletics require an advanced degree of skill. Athletes engaged in varsity athletics need additional preparation to ensure optimal opportunity to perform to the best of their abilities. This off-season conditioning course should allow each athlete to have a more injury-free athletic experience. Course may be taken four times.

*Transfer credit: UC, CSU***VARSITY ACTIVITIES****PE R166—Varsity X-Country/Men****3 units****PE R167—Varsity X-Country/Women****3 units****PE R168—Varsity Volleyball****3 units****PE R169—Varsity Soccer****3 units****PE R170—Varsity Basketball/Men****3 units****PE R171—Varsity Basketball/Women****3 units****PE R172—Varsity Baseball****3 units****PE R173—Varsity Tennis****3 units****PE R174—Varsity Track & Field/Men****3 units****PE R175—Varsity Track & Field/Women****3 units****PE R177—Varsity Softball****3 units***1 hour lecture, 9 hours lab weekly*

Varsity sports are highly competitive and require an advanced degree of skill. Students engaged in varsity sports should expect to compete against other institutions, travel, and put in additional hours beyond the normal activity load. Varsity sports meet the PE activity requirement. Each varsity course may be taken four times. (2)

*Transfer credit: UC, CSU***PROFESSIONAL COURSES****PE R183A—Officiate Men Sports I****2½ units***2 hours lecture, 1 hour lab weekly*

Instruction and lab experience in sports officiating. Proficiency ratings required to successfully complete the course. PE R183A during the fall semester—football, basketball, soccer, wrestling, PE R183B during the spring semester—track, baseball, rugby, volleyball.

*Transfer credit: UC, CSU***PE R183B—Officiate Men Sports II****2½ units***2 hours lecture, 1 hour lab weekly*

Instruction and lab experience in sports officiating. Proficiency ratings required to successfully complete the course. PE R183A during the fall semester—football, basketball, soccer, wrestling, PE R183B during the spring semester—track, baseball, rugby, volleyball.

*Transfer credit: UC, CSU***PE R184A—Officiate Women Sports I****2½ units***2 hours lecture, 1 hour lab weekly*

Instruction and lab experience in sports officiating. Officiating of individual sports featured in PE R184A, team sports in PE R184B.

*Transfer credit: UC, CSU***PE R184B—Officiate Women Sports II****2½ units***2 hours lecture, 1 hour lab weekly*

Instruction and lab experience in sports officiating. Officiating of individual sports featured in PE R184A, team sports in PE R184B.

*Transfer credit: UC, CSU***PE R185A—Basketball Theory****2 units***Prerequisites: Advanced basketball ability.**1 hour lecture, 3 hours lab weekly*

Development of advanced skills in basketball and theory behind different styles of play; includes study films, drills, rules, and technique of coaching. Course may be taken two times. (2)

*Transfer credit: UC, CSU***PE R185C—Baseball Theory****2 units***Prerequisites: Advanced baseball ability.**1 hour lecture, 3 hours lab weekly*

Development of advanced skills in baseball and theory behind methods and styles of play. Class members will participate in lab assignments and will have weekly lectures including films and guest lecturers to facilitate instruction. Course may be taken two times. (2)

*Transfer credit: UC, CSU***PE R185D—Soccer Theory****2 units***Prerequisites: Advanced soccer ability.**2 hours lecture weekly*

Development of advanced skills and principles of soccer; includes laws of the game, modern methods of coaching soccer, and understanding of the principles at play as they relate to attack, mid-field, and defense. Course may be taken two times. (2)

*Transfer credit: UC, CSU***PE R188—Fitness Assessment****2 units***1 hour lecture, 3 hours lab weekly*

Course consists of a systematic approach to fitness screening. Techniques in measuring body composition; cardiovascular endurance, muscular strength and flexibility will be presented. Appropriate practical experience in actual fitness screening is included. Course primarily designed for Fitness Management Specialists or those working in the industry. Course may be taken two times. (2)

Transfer credit: CSU

PE R189—Physical Education Topics**½-10 units***Lecture and/or lab hours as required by unit formula*

In-depth exploration of specialized topics in Physical Education and personal fitness which are not covered fully in general physical education offerings.

*Transfer credit: UC, CSU***PE R199—Directed Studies in PE****1-3 units***Prerequisites: A course in the specific field.**Lecture and/or lab hours as required by unit formula*

Designed for selected students interested in furthering their knowledge of physical education on an independent study basis; assigned problems will involve library, lab, and field work. Course may be taken two times.

Transfer credit: UC, CSU

NOTE: The courses listed below have been temporarily suspended. For further information, please contact the Math, Science & Health division office.

PE 114 Creative Movement Activities for Children

PE 139 Bowling

PE 176 Varsity Golf

PHYSICAL SCIENCE

Physical Science Courses**PHSC R100L—Computer-Assisted Laboratory****1 unit***Prerequisites: Math R014.**3 hours lab weekly*

This course is meant to serve as a computer supplement to any 100-level physical science class. The student uses the computer as a tool, allowing access to software relevant to the class currently being taken. The student may become involved in drill work, projects, exercises, math or science games, or other training activities. This class affords students an opportunity to deepen their knowledge to an extent not possible in the regularly allotted class time. Materials fee is required. Course may be taken four times. This course does not satisfy the laboratory science requirement for the AA/AS degree. (Same as MATH R100L)

Transfer credit: CSU

NOTE: The course listed below has been temporarily suspended. For further information, please contact the Math, Science & Health division office.

PhySci 112 Energy Conservation and Alternate Energy Sources

PHYSICS

Career Opportunities

(Post-bachelor degree necessary in most cases)

Astronaut	Highway Designer
Astronomer	Laser Specialist
Atmospheric Scientist	Low-Temperature Physicist
Biomedical Engineer	Manufacturing Engineer
Chemical Physicist	Medical Technologist
Electro-Optic Engineer	Meteorologist
Fusion Engineer	Nuclear Physicist
Geochemist	Physical Chemist
Geophysicist	Space Scientist

Faculty**Full-Time**

Michael Bowen

Physics Courses**PHYS R101—College Physics 1 (Catalog Revision)* 5 units***Prerequisites: MATH R118A.**4 hours lecture, 3 hours lab weekly*

This course is an introduction to classical mechanics, and thermal physics. Central topics include: Vectors, motion, force, energy, heat, fluids, waves, and sound. The laboratory provides students with opportunities to learn and apply the scientific method through investigations of the phenomena discussed in lecture. It also introduces students to methods of computer-assisted data analysis. The course is designed to meet the needs of liberal arts students and some students majoring in the biological sciences. Field trips may be required. (2)

*Transfer credit: UC, CSU (CAN: PHYS 2)***PHYS R102—College Physics 2 (Catalog Revision)* 5 units***Prerequisites: PHYS R101.**4 hours lecture, 3 hours lab weekly*

This course is an introduction to electromagnetic theory and modern physics. Central topics include: Electricity, magnetism, optics, quantum ideas, atomic and nuclear physics, and special relativity. The laboratory provides students with opportunities to learn and apply the scientific method through investigations of the phenomena discussed in lecture. The course is designed to meet the needs of liberal arts students and some students majoring in the biological sciences. Field trips may be required. (2)

*Transfer credit: UC, CSU (CAN: PHYS 4)***PHYS R121—Physics with Calculus 1****5 units***Prerequisites: MATH R120.**4 hours lecture, 3 hours lab weekly*

This course is an introduction to classical mechanics and thermal physics. Central topics include: Vectors, motion, force, energy, heat, fluids, waves, and sound. The laboratory provides students with opportunities to learn and apply the scientific method through investigations of the phenomena discussed in lecture. It also introduces students to methods of computer-assisted data analysis. The course is designed to meet the needs of students majoring in the biological sciences. Field trips may be required.

*Transfer credit: UC, CSU***PHYS R122—Physics with Calculus 2****5 units***Prerequisites: PHYS R121.**4 hours lecture, 3 hours lab weekly*

This course is an introduction to electromagnetic theory and modern physics. Central topics include: Electricity, magnetism, optics, quantum ideas, atomic and nuclear physics, and special relativity. The laboratory provides students with opportunities to learn and apply the scientific method through investigations of the phenomena discussed in lecture. The course is designed to meet the needs of students majoring in the biological sciences. Field trips may be required.

*Transfer credit: UC, CSU***PHYS R131—Physics for Scientists and Engineers 1****5 units***Prerequisites: MATH R120.**4 hours lecture, 3 hours lab weekly*

This course is an introduction to the statics and dynamics of rigid bodies and ideal fluids. Central topics include: Newton's laws; conservation of energy, linear momentum, and angular momentum; equilibrium of rigid bodies, and oscillatory motion. Although the course emphasizes conceptual understanding, students also learn to apply mathematical techniques such as vector

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algebra, differential and integral calculus, Taylor series, and linear differential equations to the solution of problems. The laboratory provides students with opportunities to learn and apply the scientific method through investigations of the phenomena discussed in lecture. Field trips may be required.

Transfer credit: UC, CSU (CAN: PHYS 8)

PHYS R132—Physics for Scientists and Engineers 2

5 units

Prerequisites: PHYS R131 and MATH R121.

4 hours lecture, 3 hours lab weekly

This course is an introduction to electricity and magnetism, with emphasis on understanding field theory and the behavior of simple electrical circuits. Central topics include: Gravitational, electric and magnetic fields; the laws of Coulomb, Gauss, Ohm, Kirchhoff, Ampere, Biot-Savart, and Faraday; simple circuit analysis; and the Maxwell equations. Although the course emphasizes conceptual understanding, students also learn to apply mathematical techniques such as vector algebra, vector differentiation and integration, binomial approximations, and linear differential equations to the solution of problems. The laboratory provides students with opportunities to learn and apply the scientific method through investigations of the phenomena discussed in lecture. Field trips may be required.

Transfer credit: UC, CSU (CAN: PHYS 12)

PHYS R133—Physics for Scientists and Engineers 3

5 units

Prerequisites: PHYS R132 and MATH R122.

4 hours lecture, 3 hours lab weekly

This course is an introduction to wave motion (with emphasis placed on the study of sound and electromagnetic wave phenomena), geometrical and physical optics, and thermodynamics. The course also addresses selected topics in quantum mechanics and special relativity at an elementary level. Although the course emphasizes conceptual understanding, students also learn to apply mathematical techniques such as vector calculus, Fourier analysis, numerical approximation, and multi-variable integration to the solution of problems. The laboratory provides students with opportunities to learn and apply the scientific method through investigations of the phenomena discussed in lecture. Field trips may be required.

Transfer credit: UC, CSU (CAN: PHYS 14)

PHYS R199—Directed Studies in Physics (Catalog Revision)*

1-3 units

Prerequisites: PHYS R131.

Lecture and/or lab as required by unit formula

This course is designed for students interested in furthering their knowledge of physics on an independent study basis; assigned problems will involve library, lab, and/or field work. It is appropriate for students majoring in physics, engineering, mathematics, or related fields. Course may be taken two times. (2)

Transfer credit: UC, CSU

PHYSIOLOGY

See courses in Biological Sciences

POLITICAL SCIENCE

Career Opportunities

Armed Services	Law Student
Police Officer	Political Officer
Customs Officer	Elections Procedures Advisor
Import-Export Agent	Political Scientist
Public Relations	Tour Guide
Foreign Correspondent/Service Officer	

Faculty

Full-Time	Part-Time
Desmond Jones	Sally Dungan
Carolyn Dorrance	Timothy Flynn
	Steve McHargue

◆ Political Science

Associate in Arts Degree

Required Courses:		Units
ECON R101	Principles of Macroeconomics	3
POLS R100	Introduction to Politics	3
POLS R101	Government of the United States: Institutions/Politics	3
POLS R102	Government of the United States: Institutions/Laws	3
POLS R104	International Relations	3
OR		
POLS R108	Comparative Politics	3
		15

Required Additional Courses:		Units
Select six units from the following:		
ANTH R102	Cultural Anthropology	3
BIOL R106	The Human Environment	3
BUS R101A	Accounting Principles I	3
ECON R100	The Modern American Economy	3
ECON R102	Principles of Microeconomics	3
GEOG R102	World Cultural Geography	3
HIST R105	Introduction to Western Civilization I	3
HIST R106	Introduction to Western Civilization II	3
HIST R107	The History of the Mexican People in the US	3
HIST R110	History of the Middle East	3
HIST R114	Modern Asia	3
MATH R136	Computer Programming, BASIC	3
PHIL R111	Thinking Critically and Analytic Writing	3
Any POLS course not used to satisfy the core requirement		
PSY R103	Beginning Statistics for Behavioral Science	3
SOC R103	Racial and Ethnic Group Relations	3
SOC R109	Futurology	3
SOC R112	Great American Women	3
		6

Total Required Units 21

*Course listing followed by an asterisk are revised course offerings and differ in one or more ways from the previously offered course of the same number, i.e. different unit value, pre or corequisite added or dropped, lab added or dropped, etc. Please see the 1999-2000 College Catalog for comparison.

Political Science Courses

POLS R010—Introduction to United States Government

3 units

3 hours lecture weekly

An introduction to the institutions and political processes of government in the United States. Federalism and the institutions of Congress, the Presidency and the Supreme Court are studied from the perspective of constitutional democracy and the theory of checks and balances. The roles of political parties, interest groups, public opinion and the media are discussed in a way that broadens understanding of political process and citizen participation. Special attention is given to improving student study skills including vocabulary building, research, analytical writing and articulation of political ideas. Field trips may be required. (2)

POLS R100—Introduction to Politics

3 units

3 hours lecture weekly

Course introduces students to the ideas and institutions of politics at the local, state and Federal levels. Concepts of law, justice, democracy, social welfare and liberty will be discussed in relation to contemporary institutions of government. Includes study of California Government. Fulfills state requirements in American Institutions. Field trips may be required. (2)

Transfer credit: UC, CSU

POLS R101—Government of the United States Institutions/Politics

3 units

3 hours lecture weekly

Study of principles, institutions and politics of American Government with special attention to the dynamics of voting, campaigns, representative government, presidential leadership and the economic functions of government. Includes study of California government. Fulfills state requirements in American Institutions. Field trips may be required. (2)

Transfer credit: UC, CSU (CAN: GOVT 2)

POLS R102—Government of the United States Institutions/Laws

3 units

3 hours lecture weekly

Study of principles, institutions, and politics of American Government with special attention to judicial interpretation of constitutional principles such as separation of power, federalism and citizenship. Includes study of California Government. Fulfills state requirements in American Institutions. Field trips may be required. (2)

Transfer credit: UC, CSU

POLS R104—International Relations

3 units

3 hours lecture weekly

Course explores official and unofficial connections between governments and peoples of the world and traditions, policies, and institutions which bind them together or hold them apart, with particular reference to problems of war, peace, and change. (2)

Transfer credit: UC, CSU

POLS R105—Current Issues in Domestic and Foreign Politics

3 units

3 hours lecture weekly

Course blends elements of political theory with the world of political problems and action at individual, state, national, and international levels. Each semester the issues selected for examination will be revised. Course may be taken three times. (2)

Transfer credit: UC, CSU

POLS R106—Political Aspects of Economic Problems

3 units

3 hours lecture weekly

Course surveys areas where the impact of economics upon political life is considerable, so that students may better understand the political world. (2)

Transfer credit: UC, CSU

POLS R107—Politics and Administration of State and Local Government

3 units

3 hours lecture weekly

Course presents the main principles, concepts, theories, and processes of governmental institutions of the states, counties, cities, and special districts. The social, economic and political dynamics within the institutional context will be studied. Also, Federal institutions will be analyzed to understand the main characteristics, principles, structures, and processes of the American system of government and their impact on the other levels of government. The impact of federal taxation and expenditure policies on state and local government will be studied with specific examples. Fulfills state requirements in American Institutions. (2)

Transfer credit: CSU

POLS R108—Comparative Politics

3 units

3 hours lecture weekly

Course examines political life and institutions of a number of foreign countries to identify both similarities and differences in people's attempts to grapple with government problems throughout the world. (2)

Transfer credit: UC, CSU

POLS R189—Topics in Political Science

½-3 units

Lecture and/or lab hours as required by unit formula

Courses considering specific and current topics in Political Science which are not covered in the general Political Science offerings. Course may be taken four times. (2)

Transfer credit: UC, CSU

POLS R189A—Great Debates and Elections

3 units

3 hours lecture weekly

Course surveys history of elections and great political debates. Impact of elections on development of democracy in modern society studied. Special attention given to process of electing presidents in United States history. Course may be taken two times. (2)

Transfer credit: UC, CSU

POLS R199—Directed Studies in Political Science

1-3 units

Lecture and/or lab hours as required by unit formula

Designed for selected students interested in furthering their knowledge of political science on an independent study basis; assigned problems will involve library, lab, and field work. Course may be taken two times. (2)

Transfer credit: UC, CSU

PSYCHOLOGY

Career Opportunities

Advertising Manager	Efficiency Engineer
Job Analyst	Personnel Manager
Police Officer	Psychologist
Vocational Counselor	Public Relations
Social/Welfare Work	Statistician
Pathologist/Audiologist	Probation/Parole Officer
Community Organization Director	

Faculty

Full-Time	Part-Time
Marie Butler	Jennifer Cochagne
Linda Chaparro	Mimi Bommersbach
	Karen Lehner
	William Lieberman
	Lillian Manning
	Mark Rafter
	George Rodriguez

◆ Psychology

Associate in Arts Degree

Required Courses:		Units
PSY R101	General Psychology (UCSB/CSUN)	3
PSY R103	Beginning Statistics for Behavioral Science (UCSB)	3
OR		
MATH R105	Introductory Statistics (CSUN/UCSB)	4
PSY R104	Introduction to Experimental Psychology (UCSB)	3
OR		
PSY R105	Introduction to Physiological Psychology (CSUN)	3
PSY R102A	Interpersonal Relations	3
		12-13

Required Additional Courses:

Complete one of the following courses:

PHIL R101	Introduction to Philosophy	3
PSY R104	Introduction to Experimental Psychology	3
PSY R105	Introduction to Physiological Psychology	3
PSY R106/ SOC R113	Social Psychology	3
PSY R108	Developmental Psychology	3
PSY R130	Introduction to Humanistic Psychology	3
PSY R189A-Z	Current Topics in Psychology	3
SOC R106	Contemporary Family in American Society	3
Plus one of the following:		
PSY R102B	Interpersonal Relations (II)	3
PSY R107/ SOC R104	Sex Roles	3
PSY R109	Loss, Grief and Death	3
PSY R110	Human Sexuality	3
PSY R111/ CD R108	The Exceptional Child	3
PSY R112/ CD R130	Parent/Child Interaction	3
PSY R113	Psychology of Maturing & Aging	3
PSY R120	Animal Behavior	3
		6

Total Required Units 18-19

Psychology Courses

PSY R098—Short Courses in Psychology ½-10 units

Lecture and/or lab hours as required by unit formula

Specialized topics designed to inform or update interested persons in the various disciplines within Psychology.

PSY R101—General Psychology 3 units

3 hours lecture weekly

Introduction to subject matter of psychology, including scientific method, biology of behavior, conditioning and learning, intelligence, motivation, personality, mental health, and therapy.

Transfer credit: UC, CSU (CAN: PSY 2)

PSY R102A—Interpersonal Relations I 3 units

3 hours lecture weekly

Class provides exploration of personal awareness and interaction. Students will learn to apply psychological principles of human behavior, and explore ways of knowing themselves and others. A combination of experiential and theoretical approaches is used to increase awareness, clarify values, and aid in decision-making.

Transfer credit: CSU

PSY R102B—Interpersonal Relations II 3 units

3 hours lecture weekly

Class provides exploration of personal awareness and interaction. Students will learn to apply psychological principles of human behavior, and explore ways of knowing themselves and others. A combination of experiential and theoretical approaches is used to increase awareness, clarify values, and aid in decision-making.

Transfer credit: CSU

PSY R103—Beginning Statistics for Behavioral Science 3 units

Prerequisites: MATH R014, PSY R101.

3 hours lecture weekly

Designed for students majoring in psychology, sociology, and anthropology; emphasis on use of statistics in behavioral science research. Topics covered are procedures in hypothesis testing, descriptive, inferential, and correlational statistics.

Transfer credit: UC, CSU

PSY R104—Introduction to Experimental Psychology 3 units

Prerequisites: PSY R101 and PSY R103 or concurrent enrollment in PSY R103.

3 hours lecture weekly

Designed for prospective psychology majors or minors; emphasis on designing, conducting, and writing experimental research in human and animal behavior. Recommended as a third course for psychology majors.

Transfer credit: UC, CSU (CAN: PSY 8)

PSY R105—Introduction to Physiological Psychology 3 units

Prerequisites: PSY R101; PSY R103 recommended.

3 hours lecture weekly

Course provides exploration of physiological basis of behavior. Some topics are neural impulses and sensory processes, neural basis of reinforcement, electrical stimulation of the brain, memory, learning, emotion, biofeedback, split brain studies, and research on right and left hemispheres; emphasis is on current research findings and philosophical-moral implications.

Transfer credit: UC, CSU

PSY R106—Social Psychology 3 units

Prerequisites: PSY R101 recommended.

3 hours lecture weekly

Scientific study of how people think about, influence, and relate to one another. Topics include personal interaction, perception, attraction, culture, status, power, social conflict, group influence, prejudice, conformity, and altruism. (Same as SOC R113)

Transfer credit: UC, CSU

PSY R107—Sex Roles 3 units

3 hours lecture weekly

Class explores sex role development and how roles can be changed, role conflicts, common stereotypes of males and females, women as a minority group, aspects of sexuality, and psycho-social implications of the liberation movement; psycho-social aspects of both sex roles are emphasized. (Same as SOC R104)

Transfer credit: UC, CSU

PSY R108—Developmental Psychology 3 units

Prerequisites: PSY R101.

3 hours lecture weekly

Course explores path of human development from beginning of life through adolescence; emphasis placed on normal developmental patterns using current information; child-rearing practices and their efforts on later development critically examined.

Transfer credit: UC, CSU

PSY R109—Loss, Grief, and Death**3 units***3 hours lecture weekly*

Examination of personal feelings and behaviors associated with loss, grief, and death. Combination of psychological theory, current trends and research findings, and personal explorations used; emphasis on dealing with this very personal area in a realistic and positive manner.

*Transfer credit: CSU***PSY R110—Human Sexuality****3 units***3 hours lecture weekly*

Biological, psychological, and sociological aspects of sexuality. Emphasis is placed on the individual's personal sexuality in the present time; past and future trends are also considered.

*Transfer credit: UC, CSU***PSY R111—The Exceptional Child****3 units***3 hours lecture weekly*

Characteristics and problems of the developmentally delayed, socially handicapped, and those with emotional problems, as well as the mentally gifted child, will be covered. The class will cover study of issues, and research encountered in these specific areas. Also covered will be resources and techniques for living and working with these children. (Same as CD R108) (2)

*Transfer credit: CSU***PSY R112—Parent/Child Interaction****3 units***3 hours lecture weekly*

Explores the challenging role of being a parent. Focuses on a variety of approaches to effective parenting, identifying typical problem areas and dealing with them by prevention or coping strategies, and promoting positive interactions between parent and child. Field trips may be required. (Same as CD R130)

*Transfer credit: CSU***PSY R113—Psychology of Maturity and Aging****3 units***3 hours lecture weekly*

Psychological factors of human development from middle life through older years. Emphasis placed on aging as a normal process. Topics include older individual and his/her adjustment to life changes; study of current issues in aging.

*Transfer credit: CSU***PSY R114—Psychological Issues of the Mexican People in the Southwest****3 units***3 hours lecture weekly*

Course analyzes experiences of people of Mexican descent living in the Southwest from a psychological perspective. Examines nature of individual and group conflict, explores problems of social participation in a dominant culture and its psychological implications. Course describes emergence of distinctive identities of people of Mexican descent. (Same as CHST R114.)

*Transfer credit: UC, CSU***PSY R120—Animal Behavior****3 units***3 hours lecture weekly*

Introduction to comparative psychology and ethology. Emphasis on behavior of familiar mammals, reptiles, and birds. Topics include learning, social behavior, communication, aggression, behavior of pets, and abnormal animal behavior.

*Transfer credit: CSU***PSY R130—Introduction to Humanistic Psychology****3 units***Prerequisites: PSY R101 suggested.**3 hours lecture weekly*

Course explores humanistic movement in psychology. Theories of both Eastern and Western thought as applicable to the concepts of such prominent humanistic psychologists as Maslow, May, Rogers, and others studied from both a theoretical and practical "everyday life" point of view. Historical perspective of humanistic movement against background of psychoanalytic behavioral schools emphasized.

*Transfer credit: UC, CSU***PSY R131—Abnormal Psychology****3 units***3 hours lecture weekly*

Class surveys the various definitions, causes, and treatment methods relative to abnormal behavior. This course covers both psychological and biological theories of abnormal behavior. Topics include diagnosis of abnormal behavior, the clinical syndromes, and the various forms of intervention.

*Transfer credit: UC, CSU***PSY R189—Current Topics in Psychology****½-3 units***Prerequisites: A previous course in Psychology.**Lecture and/or lab hours as required by unit formula*

Courses considering specialized, specific topics in psychology which are not covered in great detail in the general psychology course offerings. Topics to be offered include adolescence, abnormal psychology, aging, parapsychology, mental retardation, modern therapies, human sexuality, behavior modification, hypnosis, humanistic psychology, sex roles and socialization, death and dying, biological feedback, aggression and violence, childhood disorders.

*Transfer credit: UC, CSU***PSY R198—Short Courses in Psychology****½-10 units***Lecture and/or lab hours as required by unit formula*

Courses and/or workshops in selected areas of psychology to meet specific needs of college or community as requested or required. Field trips may be required. (2)

*Transfer credit: UC, CSU***PSY R199—Directed Studies in Psychology****1-3 units***Lecture and/or lab hours as required by unit formula*

Designed for students interested in furthering their knowledge of psychology on an independent study basis; assigned problems will involve library, lab, and field work. Course may be taken two times.

Transfer credit: UC, CSU

SOCIOLOGY

Career Opportunities

Counselor	Police Officer
Probation/Parole Officer	Public Health Educator
Public Survey Worker	Recreation Director
Statistician	Correctional Officer
Social/Welfare Worker	Private Detective
Social and Human Service Assistant	
Sociologist (Criminologist, Penologist, Industrial, Social Ecologist)	

Faculty

Full-Time	Part-Time
Marie Butler	Don Green
Linda Chaparro	Ron Jackson
Carolyn Dorrance	Bob Massey

◆ Sociology

Associate in Arts Degree

Required Courses:		Units
SOC R101	Introduction to Sociology	3
SOC R102	Social Problems	3
SOC R111	Sociological Analysis: Introduction to Social Research	3
Plus one of the following:		
SOC R103	Racial and Ethnic Group Relations	3
SOC R107	Sociology of the Black Community	3
SOC R108	Sociology of the Chicano Community	3
		12

Required Additional Courses:

Complete one of the following courses:		Units
SOC R104/	Sex Roles	3
PSY R107		
SOC R105	Aging in the United States	3
SOC R106	Contemporary Family in American Society	3
SOC R109	Futurology	3
SOC R112	Great American Women	3
SOC R113	Social Psychology	3
SOC R114	Social Philosophy	3
SOC R115	Sociology of Religion	3
Plus one of the following:		
ANTH R110	People and Cultures of the World	3
HIST R107	History of the Mexican People in the US	3
HIST R108	African-American History	3
SOC R114	Social Philosophy	3
SOC R115	Sociology of Religion	3
SOC R116	Crime and Society	3
SOC R118	Introduction to Human Services	3

Total Required Units 18

Human Services Option

The option in Human Services provides the student with an academic background for entry-level positions in various human services agencies. It also prepares the student for upper-division work in human services, behavioral sciences and social sciences.

Required Courses		Units
SOC R101	Introduction to Sociology	3
SOC R102	Social Problems	3
SOC R103	Racial and Ethnic Group Relations	3
SOC R104/	Sex Roles	3
PSY R107		
SOC R110	Sociological Analysis: Internships in Organizations and Social Services	3
SOC R118	Introduction to Human Services	3
		18

Elective Courses

Students are encouraged to select one of the following courses:

SOC R105	Aging in the United States	3
SOC R106	Contemporary Family in American Society	3
SOC R107	Sociology of the Black Community	3
SOC R108	Sociology of the Chicano Community	3
SOC R112	Great American Women	3
SOC R114	Social Philosophy	3
SOC R116	Crime and Society	3
ANTH R105	Women, Culture and Society	3
CD R106	Child, Family, and Community	3
HIST R106	Introduction to Western Civilization II	3
PSY R106	Social Psychology	3

Total Required Units 18

Sociology Courses

SOC R101—Introduction to Sociology 3 units

3 hours lecture weekly

Analysis of historical development of sociology and recent trends in the field; studying the relationship between social systems and human behaviors; emphasis on such basic factors as socialization, culture, class, race, and social change. Field trips may be required.

Transfer credit: UC, CSU (CAN: SOC 2)

SOC R102—Social Problems 3 units

3 hours lecture weekly

Study of contemporary social problems from a theoretical framework, emphasizing social conditions causing social problems and examining existing programs aimed at their solution.

Transfer credit: UC, CSU (CAN: SOC 4)

SOC R103—Racial and Ethnic Group Relations 3 units

3 hours lecture weekly

Analysis of racism and prejudice in the U.S., discussing similarities and differences in racial and ethnic group experiences; emphasis on majority-minority group relations among major racial and cultural groups.

Transfer credit: UC, CSU

SOC R104—Sex Roles 3 units

3 hours lecture weekly

Class explores sex role development and how roles can be changed, role conflicts, common stereotypes of males and females, women as a minority group, aspects of sexuality, and psycho-social implications of the liberation movement; psycho-social aspects of both sex roles are emphasized. (Same as PSY R107)

Transfer credit: UC, CSU

SOC R105—Aging in the United States 3 units

3 hours lecture weekly

An introduction to gerontology; a survey of cultural values and social organization that affect the status and treatment of aging people in the U.S. Emphasis upon interrelationships between social attitudes, economic system, and political system on lifestyle of the aged, using cross-cultural comparisons.

Transfer credit: CSU

SOC R106—Contemporary Family in American Society 3 units

3 hours lecture weekly

Sociological analysis of the American family, including historical and recent changes, present nature and sociocultural forces shaping these conditions. (2)

Transfer credit: UC, CSU

SOC R107—Sociology of the Black Community 3 units

3 hours lecture weekly

Analysis of values, mores, norms, and interaction patterns within the Black community; emphasis on socialization process of community members and effects of racism within the community. Role of family, political, economic, religious, and educational institutions will be analyzed.

Transfer credit: UC, CSU

SOC R108—Sociology of the Chicano Community 3 units

3 hours lecture weekly

Socio-cultural analysis of familial, political, economic, religious, and educational institutions within Chicano community; emphasis on social stratification and socialization process of community members. Specific consideration given to the concept of colonialism and its effects on the Chicano community. (Same as CHST R108) (2)

Transfer credit: UC, CSU

SOC R109—Futurology**3 units***3 hours lecture weekly*

Analysis of problems, possibilities, and prospects for societies of the future in terms of presuppositions and methods of contemporary sociology. Discussion of the work of current and prominent futurologists and critical examinations of their approaches.

*Transfer credit: CSU***SOC R110—Introduction to Field Studies in Sociology (Catalog Revision)*****3 units***3 hours lecture weekly*

This course is for students who seek the knowledge and experience gained through both classroom and applied on-site involvement with government and/or social agencies in the community. Students learn to identify and evaluate theories of field research methods within a social welfare context. The operations and ethics of community organizations are presented. There will be emphasis on analysis of a social setting. Instruction includes lecture on field observation(s). Field observation in a non profit agency will be required outside of class. Field trips may be required.

*Transfer credit: CSU***SOC R111—Introduction to Social Research (Catalog Revision)*****3 units***Prerequisites: SOC R101.**3 hours lecture weekly*

Students will experience discussions on the logic and procedures of scientific analysis of social phenomena, and practice in conceptualizing and operationalizing social variables and in testing hypotheses. Students will engage in hypothesis testing and examine the role of qualitative and quantitative methods using participant observation, survey research, and design. Community assessment and questionnaire development will be utilized by the student. Final project includes an analysis of research data, using computer and presentation of results in class and report form. Field trips may be required.

*Transfer credit: UC, CSU***SOC R112—Great American Women****3 units***3 hours lecture weekly*

A socio-historical analysis of great American women. Biographical data examined in an attempt to determine how the socio-historical milieu influenced the lives of these great women. (Same as HIST R112) (2)

*Transfer credit: UC, CSU***SOC R113—Social Psychology****3 units***3 hours lecture weekly*

Scientific study of how people think about, influence, and relate to one another. Topics include personal interaction, perception, attraction, culture, status, power, social conflict, group influence, prejudice, conformity, and altruism. (Same as PSY R106)

*Transfer credit: UC, CSU***SOC R114—Social Philosophy****3 units***3 hours lecture weekly*

Social philosophy studies man in society from the standpoint of metaphysical and ethical principles and presuppositions of human nature. Course highlights major historical and contemporary perspectives in the history of philosophy and focuses on a prominent social philosopher for detailed study. Questions concerning legal and social relationships, purpose in social order, and ethical values in human institutions explored. (Same as PHIL R114) (2)

*Transfer credit: UC, CSU***SOC R115—Sociology of Religion****3 units***3 hours lecture weekly*

Objective sociological analysis of the relationship between religion and society. Focuses particularly on the U.S., stressing the distinctiveness of American religion and its intimate connection with what is most central to American society.

*Transfer credit: UC, CSU***SOC R116—Crime and Society****3 units***3 hours lecture weekly*

Course examines crime and deviance within a socio-legal context. This course provides a background for students evaluating theories and treatment of both adult and juvenile offenders with areas covered including corporate deviance, conventional and violent crime, social institutions and criminal control systems. (2)

*Transfer credit: UC, CSU***SOC R118—Introduction to Human Services****3 units***3 hours lecture weekly*

Survey of helping institutions and social issues concerning human services; identifying target population, historical perspective of human services in the U.S.; theoretical perspectives of human services, survey of human services occupations and careers, and economics of helping professions; development of social policy and current controversies concerning field of human services. Brief overview of intervention strategies in social service work covered. (2)

*Transfer credit: CSU***SOC R121—Sociology: A Global Perspective****3 units***3 hours lecture weekly*

Analysis of the relationship between social systems and human behavior using cross-cultural examples. Emphasizes the interaction of socialization with class, race, and gender within a global context. Provides students with a deeper understanding of life in the United States by looking beyond our borders.

*Transfer credit: UC, CSU***SOC R199—Directed Studies in Sociology****1-3 units***Advisory: A course in the specific field.**Lecture and/or lab hours as required by unit formula*

Designed for students interested in furthering their knowledge of Sociology on an independent study basis; assigned problems will involve library, lab, and field work. Course may be taken two times.

Transfer credit: UC, CSU

SPANISH

Career Opportunities

B.A. Level

Interpreter
Foreign Clerk
Foreign-Exchange

Translator
Foreign Service Officer
Trader

Faculty**Full-Time**

Carmen Eblen
Marta Garza

*Course listings followed by an asterisk are revised course offerings and differ in one or more ways from the previously offered course of the same number, i.e. different unit value, pre or corequisite added or dropped, lab added or dropped, etc. Please see the 1999-2000 College Catalog for comparison.

Part-Time

Cecilia Boroumand
Mary Bowen
Dora Madrigal

George Peraza
Kyra Sovero

◆ Spanish

Associate in Arts Degree

Required Courses:		Units
SPAN R101	Elementary Spanish I	5
SPAN R102	Elementary Spanish II	5
SPAN R103	Intermediate Spanish I	5
SPAN R104	Intermediate Spanish II	5
		20

Required Additional Courses:

Complete a minimum of four units from the following:		Units
SPAN R107	Hispanic American Culture	3
SPAN R108	Composition in Spanish	5
SPAN R117	Hispanic American Literature	3
		4

Total Required Units 24

Spanish Courses

SPAN R098—Short Courses in Spanish ½-10 units

Lecture and/or lab hours as required by unit formula

Special topics designed to inform or update interested persons in the various disciplines within Spanish. (2)

SPAN R101A—Elementary Spanish 1A 3 units

3 hours lecture weekly

First semester Spanish for non-native speakers. Introduction to language and culture of the Spanish-speaking world, designed for students who have had no formal training in Spanish; emphasis on oral communication and on reading and writing. Basic vocabulary and grammar are studied, as well as various aspects of the Spanish culture. This course is equal to the first half of SPAN R101. The sequel to this course is SPAN R101B. (2)

Transfer credit: UC, CSU

SPAN R101B—Elementary Spanish 1B 3 units

Prerequisites: SPAN R101A or equivalent.

3 hours lecture weekly

Second semester Spanish for non-native speakers. Introduction to language and culture of the Spanish-speaking world, designed for students who have had no formal training in Spanish; emphasis on oral communication and on reading and writing. Basic vocabulary and grammar are studied, as well as various aspects of the Spanish Culture. This course is equal to the second half of SPAN R101. (2)

Transfer credit: UC, CSU

SPAN R102A—Elementary Spanish 2A 3 units

Prerequisites: SPAN R101 or equivalent.

3 hours lecture weekly

Third semester course for non-native speakers. Introduction to language and culture of the Spanish-speaking world, designed for students who have had no formal training in Spanish; emphasis on oral communication and on reading and writing. Basic vocabulary and grammar are studied, as well as various aspects of the Spanish culture. This course is equal to the first half of SPAN R102. The sequel to this course is SPAN R102B. (2)

Transfer credit: UC, CSU

SPAN R102B—Elementary Spanish 2B

3 units

Prerequisites: SPAN R102A or equivalent.

3 hours lecture weekly

Fourth semester course for non-native speakers. Introduction to language and culture of the Spanish-speaking world, designed for students who have had no formal training in Spanish; emphasis on oral communication and on reading and writing. Basic vocabulary and grammar are studied, as well as various aspects of the Spanish culture. This course is equal to the second half of SPAN R102. (2)

Transfer credit: UC, CSU

SPAN R101—Elementary Spanish I

5 units

5 hours lecture weekly

First year (first semester) Spanish for non-native speakers. Introduction to language and culture of the Spanish-speaking world, designed for students who have had no formal training in Spanish; emphasis on oral communication and on reading and writing. Basic vocabulary and grammar are studied as well as various aspects of the Spanish culture. (2)

Transfer credit: UC, CSU (CAN: SPAN 2)

SPAN R102—Elementary Spanish II

5 units

Prerequisites: SPAN R101 or equivalent.

5 hours lecture weekly

First year (second semester) Spanish for non-native speakers. Introduction to language and culture of the Spanish-speaking world, designed for students who have had no formal training in Spanish; emphasis on oral communication and on reading and writing. Basic vocabulary and grammar are studied as well as various aspects of the Spanish culture. (2)

Transfer credit: UC, CSU (CAN: SPAN 4)

SPAN R103—Intermediate Spanish I

5 units

Prerequisites: SPAN R102 or equivalent.

5 hours lecture weekly

Second year (third semester) Spanish for non-native speakers. Further study of language and culture through reading and listening to a variety of works; discussion of these works and other topics will give continued practice and development of oral skills. Vocabulary growth stressed as well as review and refinement of grammar principles. (2)

Transfer credit: UC, CSU (CAN: SPAN 8)

SPAN R104—Intermediate Spanish II

5 units

Prerequisites: SPAN R103 or equivalent.

5 hours lecture weekly

Second year (fourth semester) Spanish for non-native speakers. Further study of language and culture through reading and listening to a variety of works; discussion of these works and other topics will give continued practice and development of oral skills. Vocabulary growth stressed as well as review and refinement of grammar principles. (2)

Transfer credit: UC, CSU (CAN: SPAN 10)

SPAN R105—Native Spanish Speaker 1

5 units

Prerequisites: SPAN R104.

5 hours lecture weekly

First semester Spanish for native Spanish speakers. Emphasis on vocabulary building and correct usage in speaking and writing; study of basic principles of grammar included. Contrast in Spanish and English grammar, contrast standard Spanish and "loans" from English. Cultural readings used to promote reading and writing. Field trips may be taken. (2)

Transfer credit: UC, CSU

SPAN R106—Native Spanish Speaker 2**5 units***Prerequisites: SPAN R105.**5 hours lecture weekly*

Second semester Spanish for native Spanish speakers. Reviews principles of grammar. Increases proficiency in understanding, speaking, reading, and writing Spanish through the use of short stories, short novels, and cultural readings. Field trips may be taken. (2)

*Transfer credit: UC, CSU***SPAN R107—Hispanic American Culture****3 units***Prerequisites: SPAN R101 or equivalent.**Advisory: Ability to read and write in Spanish highly recommended.**3 hours lecture weekly*

Reading and discussion in Spanish of civilization and culture of Spanish-speaking countries; designed to maintain communication skills and to give a background in art, history, music, literature, customs, and traditions of Spanish-speaking people. (2)

*Transfer credit: UC, CSU***SPAN R108—Composition in Spanish****3 units***Prerequisites: SPAN R104 or equivalent fluency.**3 hours lecture weekly*

To present the systematic and logical sequence of Spanish syntax and afford advanced students some acquaintance with contemporary grammar and terminology. To provide advanced students of Spanish with heavy emphasis on written style by using anthologies of Spanish and Spanish-American literature to enhance student's knowledge of Hispanic-American cultures. (2)

*Transfer credit: UC, CSU***SPAN R117—Hispanic-American Literature****3 units***Advisory: Advanced knowledge of Spanish reading and writing, SPAN R104 or SPAN R108 or the equivalent highly recommended.**3 hours lecture weekly*

One semester survey of Hispanic-American literature: novel, short story, essay, poetry. Works studied will be by representative Hispanic-American writers. Reading, in-class discussions, and written assignments are part of the course, taught in Spanish. (2)

*Transfer credit: UC, CSU***SPAN R118—Cinema Hispanoamericano
(New Course-Fall 2001)****3 units***Prerequisites: SPAN R103.**3 hours lecture weekly*

This course will focus on the relationship between film and literature in the Hispanic American world. Spanish language films from Hispanoamerica will be viewed and discussed. This course is designed for majors and nonmajors alike, and will be conducted in Spanish. Field trips may be required. (2)

*Transfer credit: CSU***SPAN R120—Cultural and Communicative
Spanish****3 units***Prerequisites: SPAN R102 or equivalent.**3 hours lecture weekly*

Course is designed to expand listening and speaking skills. Recommended for students wanting to strengthen aural comprehension and speaking skills. Cultural based materials will be used to further the student's knowledge and awareness of the Spanish speaking world. Field trips may be taken. (2)

*Transfer credit: CSU***SPAN R199—Directed Studies in Spanish****1-3 units***Prerequisites: A course in the specific field.**Lecture and/or lab hours as required by unit formula*

Designed for students interested in furthering their knowledge of Spanish on an independent study basis; assigned problems may involve library and field work with consultation and review in Spanish with the supervising instructor. Course may be taken two times.

Transfer credit: UC, CSU

SPECIAL EDUCATION

See courses in Educational Assistance Center

SPEECH

Career Opportunities

(Post-bachelors degree necessary)

Lawyer

Lecturer

Linguist

Management Trainee

Politician

Speech Therapist

Faculty

Part-Time

Gary Amar

Richard Askey

Janet Donovan

Raymond Fredette

Linda Harpe

Edward Warren

Speech Courses

SPCH R101—Introduction to Oral Communication 3 units*Advisory: ENGL R101 or equivalent.**3 hours lecture weekly*

Training and practice in basic principles of effective oral communication through participation in public speaking, group discussion, and oral reading; emphasis on being at ease in front of, and with, a group, and on developing constructive attitudes, organized thinking, proper use of voice and body, and discriminative listening.

*Transfer credit: UC, CSU (CAN: SPCH 4)***SPCH R102—Advanced Oral Communication****3 units***Prerequisites: SPCH R101.**3 hours lecture weekly*

Experience in various types of persuasive rhetoric; reporting of stylistic devices, emphasis on audience analysis, utilization of motives, and speech purposes. Emphasis on completeness and validity of support through planned research of speech topics.

*Transfer credit: UC, CSU***SPCH R104—Voice and Diction****3 units***3 hours lecture weekly*

This course is designed as an elementary voice class introducing the student to the mechanics of voice production and the various elements of speech: relaxation, quality, rate, and pitch, the communicative process involving reasoning, discovery, critical evaluation, reading, and listening will be demonstrated in speaking and writing assignments. (Same as THA R104)

*Transfer credit: UC, CSU***SPCH R105—Oral Interpretation of Literature****3 units***Prerequisites: SPCH R101.**3 hours lecture weekly*

Principles and techniques of oral reading of prose and poetry with understanding and appreciation; evaluation of arguing, debating, working in parliamentary procedure, and oratory. Study of rhetorical theories and history of public address.

*Transfer credit: UC, CSU***SPCH R108—ESL Oral Communication Skills****3 units***Advisory: ENGL R096 or equivalent highly recommended.**3 hours lecture, 1 hour lab weekly*

A course designed to help advanced non-native speakers of English communicate effectively in academic, professional, and social settings. (2)

Transfer credit: CSU

SPCH R109—Readers' Theatre**3 units***3 hours lecture weekly*

Concepts and techniques of cooperative group work in oral interpretation of literature, including children's stories, poetry, prose, and dramatic literature; supervised activities in performing Readers' Theatre before community and college audiences. (Same as THA R109)

*Transfer credit: UC, CSU***SPCH R112—Forensics: Tournament Speaking****1 unit***1 hour lecture weekly*

Students may receive credit for their work in any college tournament events: Expository Speaking; Persuasive Speaking; Impromptu Speaking; Extemporaneous Speaking; Readers' Theatre; Oral Communication of Literature; Rhetorical Criticism and Analysis; Debating, and any other event that may be offered at a given tournament. Students are expected to participate in tournaments which take place on weekends throughout the college year. Field trips may be taken. Course may be taken four times.

*Transfer credit: CSU***SPCH R199—Directed Studies in Speech****1-3 units***Prerequisites: A course in the specific field.**Lecture and/or lab hours as required by unit formula*

Designed for selected students interested in furthering their knowledge of speech on an independent basis. Assigned work will involve library, lab, and/or field work. Course may be taken two times.

Transfer credit: UC, CSU

NOTE: The courses listed below have been temporarily suspended. For further information, please contact the Liberal Education division office.

SPCH 106 Critical Analysis of Speeches

SPCH 107 Argumentation and Debate

TELEVISION

Career Opportunities

Broadcast Television	Industrial Video Production
Cable Industry	Independent Video Production
Producer	Director
Script Writer	Camera Operator
Video Editor	Stage Manager
Master Control	Video Operator

Faculty

Full-Time

Leroy Robinson

◆ Communications—Television

Associate in Arts Degree

Required Courses	Units
JOUR R100	Introduction to Mass Communications 3
TV R101	Broadcast Studio Operation 3
TV R102	Television Production Workshop 3
TV R103	Television Directing and Editing 3
TV R104	Advanced Television Production 3
TV R105 /	
ENGL R130	Television Writing 3

18

Required Additional Courses**Units**

Complete six units from the following:

ENGL R131	Cinema: Literary Views	3
JOUR R101	News Writing and Reporting	3
JOUR R111	Broadcast Journalism	3
SPCH R101	Introduction to Oral Communication	3
OR		
SPCH R104	Voice and Diction	3
THA R108	Acting for Film and Television	3
TV R117	The Use of the Ethnic Minority in Film and Television	3

6

Total Required Units 24

Television Courses

TV R101—Broadcast Studio Operation**3 units***2 hours lecture, 3 hours lab weekly*

Class covers instruction in basic studio and control room equipment and operation. Students gain practical experience in the various aspects of production, explanation of program patterns, studio procedures, equipment use, and program production.

*Transfer credit: CSU***TV R102—Television Production Workshop****3 units***Advisory: TV R101.**2 hours lecture, 3 hours lab weekly*

Course involves intermediate work in production camera work, technical direction, lighting, etc. Creation of new program concepts and types stressed. Each student responsible for producing an experimental TV program.

*Transfer credit: CSU***TV R103—Television Directing and Editing****3 units***2 hours lecture, 3 hours lab weekly*

Course covers advanced directing and editing of special projects and experimental TV programs. Each student is responsible for producing a variety of television programs.

Transfer credit: CSU

Television Station

Oxnard College provides both its students and the community with educational and entertainment programming on Oxnard College Television. OCTV programming reaches Oxnard and Port Hueneme.

Programming on the channel is a combination of student originated programs, telecourses offered for credit available in a wide range of fields, and other entertainment programming. Oxnard College has a fully equipped television production studio and does in-studio and field taping of college and community events. Students in the television instruction program produce local programming as part of their lab work in television courses. Telecourses are offered as part of a semester course of instruction.

TV R104—Advanced Television Production 3 units*Advisory: TV R103.**2 hours lecture, 3 hours lab weekly*

Advanced course in production of a variety of television program categories. Some programs will be utilized by community media, such as CATV Public Access Systems. Includes remote assignments and special projects. Course may be taken four times.

*Transfer credit: CSU***TV R105—Television Writing 3 units***Advisory: Eligibility for ENGL R096.**3 hours lecture weekly*

Course deals with preparation and analysis of script formats used for public service announcements, news, commercials, and talk-variety programs. Also, teleplay formats used for situation-comedy and dramatic programs. Training given in script planning and development, utilizing professional standards, methods, ethics, and restrictions practiced in broadcasting. (Same as ENGL R130)

*Transfer credit: CSU***TV R117—The Use of the Ethnic Minority in Film and Television 3 units***3 hours lecture weekly*

The study of motion pictures and television series depicting ethnic minority culture and life, and their implications socially, politically and stereotypically. Also, there will be the study of themes, structure, style, and critical reception of said films and television programming. (2)

Transfer credit: CSU

THEATRE ARTS

Career Opportunities

Actor/Actress	Sound Technician
Assistant Director	Production Assistant
Assistant Stage Manager	Stagehand
Stage Technician	Lighting Technician

Faculty

Full-Time	Part-Time
Mary Ellen Kazmark	Brian Frishman
	Nino Rizzi

Theatre Arts Courses

THA R098—Short Courses in Theatre Arts ½-10 units*Lecture and/or lab hours as required by unit formula*

Specialized topics designed to inform or update interested persons in the various disciplines within Theatre Arts. (2)

THA R101—Introduction to Theatre 3 units*3 hours lecture weekly*

To introduce drama or theatre as a literary art form, the history of dramatic development and types of drama are studied. How plays relate to their philosophical, historical, and cultural milieu; how plays relate to production problems; critical analysis of plays; and related production elements for the playwright form the basis of the course. Emphasis is based on appreciation of the theatre, past and present. Field trips may be required. (Same as ENGL R119)

*Transfer credit: UC, CSU***THA R102A—Fundamentals of Acting I 3 units***2 hours lecture, 3 hours lab weekly*

Course emphasizes the combination of thought, emotion, movement, and vocal techniques to create performance work in live theatre. Emphasis is placed on improvisation exercises culminating in scene work. Movement fulfills PE requirement toward AA degree. Course may be taken two times. (2)

*Transfer credit: UC, CSU (CAN: DRAMA 8)***THA R102B—Fundamentals of Acting II 3 units***2 hours lecture, 3 hours lab weekly*

Course emphasizes the combination of thought, emotion, movement, and vocal techniques to create performance work in live theatre. Emphasis is placed on improvisation exercises culminating in scene work. Movement fulfills PE requirement toward AA degree. Course may be taken two times. (2)

*Transfer credit: UC, CSU (CAN: DRAMA 8)***THA R103A—History of Theatre I 3 units***3 hours lecture weekly*

History of theatrical development from Greek to English Renaissance, plus Asian influences; will involve an analysis of literature, acting styles, technical work, and physical theatres. (2)

*Transfer credit: UC, CSU***THA R103B—History of Theatre II 3 units***3 hours lecture weekly*

History of theatrical development from Restoration Period to the present. Involves an analysis of literature, acting styles, technical work and physical theatres. (2)

*Transfer credit: UC, CSU***THA R104—Voice and Diction 3 units***3 hours lecture weekly*

Course is designed as an elementary voice class introducing the student to the mechanics of voice production and the various elements of speech: relaxation, quality, rate, and pitch. The communicative process involving reasoning, discovery, critical evaluation, reading, and listening will be demonstrated in speaking and writing assignments. (Same as SPCH R104)

*Transfer credit: UC, CSU***THA R108—Acting for TV and Film 3 units***2 hours lecture, 3 hours lab weekly*

Acting requires student to learn basic techniques of concentration and listening in scene work. The student will also learn how to audition and get an agent. A final video-taped project will be used to evaluate individual progress. Course may be taken two times.

*Transfer credit: UC, CSU***THA R109—Readers' Theatre 3 units***3 hours lecture weekly*

Concepts and techniques of cooperative group work in oral interpretation of literature, including children's stories, poetry, prose, and dramatic literature: supervised activities in performing Readers' Theatre before community and college audiences. (Same as SPCH R109)

*Transfer credit: UC, CSU***THA R110A—Rehearsal and Performance I 3 units***2 hours lecture, 3 hours lab weekly*

Students will be involved in techniques of auditioning, improvising and rehearsing to create original or scripted plays. In addition, technical work in sets, costumes, lighting, stage management, and box office will be developed for a performance before a live audience. Cast or staff assignment in current theatre arts production. (2)

Transfer credit: UC, CSU

THA R110B—Rehearsal and Performance II 3 units*Prerequisites: THA R110A.**2 hours lecture, 3 hours lab weekly*

Students will develop techniques in dress and technical rehearsals with the final product of a polished live theatre production as the goal. Cast or staff assignment in current theatre arts production. (2)

*Transfer credit: UC, CSU***THA R110C—Rehearsal and Performance III 3 units***Prerequisites: THA R110B.**2 hours lecture, 3 hours lab weekly*

Actors, directors, and technical designers will coordinate research and production techniques to create a live theatre production. Cast or staff assignment in current theatre arts production. (2)

*Transfer credit: UC, CSU***THA R110D—Rehearsal and Performance IV 3 units***Prerequisites: THA R110C.**2 hours lecture, 3 hours lab weekly*

Ensemble acting and well-developed technical support will be presented to a live theatre audience. Cast or staff assignment in current theatre arts production. (2)

*Transfer credit: UC, CSU***THA R112—Chicano Teatro 3 units***2 hours lecture, 3 hours lab weekly*

Course treats technical and organizational practices of theatrical productions, writing for the Chicano Teatro and presenting Spanish-speaking productions in barrios and at the college. (2)

*Transfer credit: UC, CSU***THA R115—Directing for the Stage 3 units***2 hours lecture, 3 hours lab weekly*

Study of history of stage directing; concentration placed on art and craft of directing for stage with emphasis on techniques. Practical experience in directing scenes from plays. Course may be taken two times. (2)

*Transfer credit: UC, CSU***THA R117—Children's Theatre and Creative Dramatics 3 units***2 hours lecture, 3 hours lab weekly*

Practical course in techniques of producing Children's Theatre, plus utilizing techniques of conducting classes in creative dramatics for children. Class may produce and present its own program illustrating its class work to elementary and/or junior high audiences in the college area. Course may be taken two times. (2)

*Transfer credit: CSU***THA R120A—Stage Production I 3 units***2 hours lecture, 3 hours lab weekly*

Lectures and demonstrations in stage lighting, sound, and stage costuming, including practical lab experience as members of crews for department productions.

*Transfer credit: UC, CSU***THA R120B—Stage Production II 3 units***2 hours lecture, 3 hours lab weekly*

Lectures and demonstrations in scene design, stagecraft, make-up, and theatre management, including practical lab experience as members of crews for department productions. (2)

*Transfer credit: UC, CSU***THA R121A—Stagecraft—Stage Design I 3 units***Prerequisites: THA R120 recommended.**2 hours lecture, 3 hours lab weekly*

Concepts and production elements needed for theatrical staging; utilizes lighting and scene design preparation and execution. Course specializes in renderings, scale models, and detailed drawings of sets of plays to be done at the college. Course may be taken two times.

*Transfer credit: UC, CSU***THA R121B—Stagecraft—Stage Design II 3 units***Prerequisites: THA R121A.**2 hours lecture, 3 hours lab weekly*

Concepts and production elements needed for theatrical staging; utilizes lighting and scene design preparation and execution. Course specializes in renderings, scale models, and detailed drawings of sets of plays to be done at the college. Course may be taken two times.

*Transfer credit: UC, CSU***THA R122—Stage Make-Up 3 units***2 hours lecture, 3 hours lab weekly*

Students will learn to develop basic stage make-up for use in current productions. Make-up use in historical periods will require detailed analysis and research. Speciality make-up used in fantasy performance will play a secondary role. Course may be taken two times. (2)

*Transfer credit: UC, CSU***THA R127—Black Experience in the Theatre Arts 3 units***3 hours lecture weekly*

One semester survey of Blacks' involvement in the history of Theatre Arts, utilizing dramatic literature and biographies of Black playwrights and performers.

*Transfer credit: UC, CSU***THA R198—Short Courses in Theatre Arts ½-10 units***Lecture and/or lab hours as required by unit formula*

Courses and/or workshops in selected areas of Theatre Arts to meet specific needs of college or community as requested or required. Field trips may be required. (2)

*Transfer credit: UC, CSU***THA R199—Directed Studies in Theatre Arts ½-3 units***Prerequisites: A course in the specific field.**Lecture and/or lab hours as required by unit formula*

Designed for students interested in furthering their knowledge of Theatre Arts on an independent study basis. Assigned problems will involve library, lab, and field work. Course may be taken two times. (2)

Transfer credit: UC, CSU

TRAVEL & TOURISM

This curriculum prepares students for careers with travel organizations. Positions such as airline reservations agents, customer service, travel agents, sales representatives, and other travel categories are available to the student upon completion of the certificate program.

◆ Travel and Tourism

Required Courses:		Units
TRVL R100	Introduction to Travel and Tourism	3
TRVL R101	Selling Destinations	3
TRVL R102	Domestic Ticketing	3
TRVL R103	International Ticketing	3
TRVL R104	Airline Computer Training	2
TRVL R105	Travel and Tourism Marketing	3
TRVL R106	Tour Management	3
BUS R180	Introduction to International Business	3
CIS R020A	Introduction to Microcomputers	2
CIS R021A	Introduction to Windows	2

Total Required Units 27

Select a minimum of six (6) units from the following:

TRVL R107	Travel Agency Operations	3
TRVL R108	Travel Agency Accounting	3
TRVL R190	Internship in Travel	3
BUS R120	Introduction to Business	3
BUS R121	Introduction to Management	3

Total Required Units 33

Travel & Tourism Courses

TRVL R100—Introduction to Travel & Tourism 3 units

Advisory: HRM R100
3 hours lecture weekly

Survey course covering the tourism business, a series of interrelated businesses serving the traveler both here and abroad, linking people, travel modes, accommodations and facilities.

Transfer credit: CSU

TRVL R101—Selling Destinations 3 units

Prerequisites: TRVL R100 or current employment in the travel industry
3 hours lecture weekly

Course studies geography from a travel industry perspective. Important tourist destinations receive detailed discussion, and students will gain the knowledge needed to be a travel professional. Students will learn how to match clients to destinations and services. Course may be taken two times.

Transfer credit: CSU

TRVL R102—Domestic Ticketing 3 units

Prerequisites: TRVL R100
3 hours lecture weekly

This course covers domestic air and ticketing procedures, fare calculations, tariffs and taxes. Includes the use of the *Official Airline Guide (OAG)* and reference materials used by the travel industry.

Transfer credit: CSU

TRVL R103—International Ticketing 3 units

Prerequisites: TRVL R102
3 hours lecture weekly

Course covers the planning of worldwide travel, the ticketing procedures, including rules, regulations, tariffs, fare construction and currency regulations. Includes the use of the *Official Airline Guide, Worldwide Edition* and reference materials used by the travel industry. Access to international information and fares in the Apollo computer system will be available in a hands-on manner using an ABM-PC computer simulation system.

Transfer credit: CSU

TRVL R104—Airline Computer Training 2 units

Prerequisites: TRVL R102 and TRVL R103
1 hour lecture, 3 hours lab weekly

Intensive program of lecture-hands-on lab sessions; basic reservation record creation, flight availability, fares, travel itineraries, document preparation, and auxiliary services, such as hotel reservations and ground transportation.

Transfer credit: CSU

TRVL R105—Travel/Tourism Marketing 3 units

Prerequisites: TRVL R100
3 hours lecture weekly

This course covers all aspects of advertising, promotion, and marketing techniques in the travel, tourism, and hospitality industry. Students will study everything necessary to plan, develop, and implement a complete advertising and marketing campaign. The psychology of advertising and human behavior are studies. Students will learn how to write and design ads, scripts, and press releases for airlines, cruise lines, railroads, motorcoach companies, car rentals, tour operators, tourism promotion, hotels and motels, and restaurants.

Transfer credit: CSU

TRVL R106—Tour Management 3 units

Prerequisites: TRVL R100
3 hours lecture weekly

Course provides a solid foundation for understanding all of the elements that go into producing and directing a group tour. Topics covered include planning, developing, and costing a tour with emphasis given to conducting tour from the time it leaves home base until it returns. Students will learn how to plan and implement foreign independent tours (F.I.T.).

Transfer credit: CSU

TRVL R107—Travel Agency Operations 3 units

Prerequisites: TRVL R100
3 hours lecture weekly

Course covers all aspects of managing a travel agency, including interviewing and hiring personnel, training, compensation, building and maintaining morale, performance evaluations, and handling problem employees. Case studies that simulate real-life situations encountered in travel agencies are used.

Transfer credit: CSU

TRVL R108—Travel Agency Accounting 3 units

Prerequisites: TRVL R100
3 hours lecture weekly

An introduction to the accounting and budgeting roles performed in travel agencies. Course presents special problems that arise, focuses on the preparation of the weekly "ARC" report, and discusses profit-oriented budgeting. A multi-step approach to preparing a travel agency's annual budget in a few sequenced steps is studied along with a easy-to-use method of determining profitability of each commercial account.

Transfer credit: CSU

TRVL R190—Internship in Travel 3 units

Prerequisites: Completion of at least 12 units in the TRVL series
9 hours lab weekly

A course designed to give students an opportunity to obtain practical experience in their career major. Students will gain experience by working in the travel and tourism industry.

Transfer credit: CSU

Información General

Naturaleza del Colegio

El Colegio de Oxnard es una institución pública localmente administrada, que ofrece dos años de cursos a nivel de colegio. Forma parte del sistema estatal de educación superior de California. Como tal, opera bajo los lineamientos de la Mesa Directiva de Consejales de la Comunidad de Colegios del Condado de Ventura y la legislatura estatal. El colegio funciona para servir a los miembros de la comunidad quienes han graduado estudios secundarios o son mayores de 18 años de edad y capaces de asimilar el conocimiento.

Filosofía del Colegio

Sabios no los puedo llamar; porque ese título solo le pertenece a Dios. Amantes de la sabiduría o filósofos sería un título más propio y modesto.

—Sócrates.

El Colegio de Oxnard sigue la filosofía de proveer programas educacionales que desarrollen habilidades individuales, fortalezcan las relaciones humanas, realicen la vida de la comunidad y aumenten la conciencia global. Reconocemos que el proceso de educación es un proceso de exploración que depende de una responsabilidad mutua.

El colegio planea programas que reflejan el cambio en las necesidades locales, nacionales, e internacionales. Profesionistas dedicados crean un ambiente que estimula la curiosidad intelectual, fomenta el aprendizaje y desarrolla el conocimiento de la sociedad y como ésta puede influenciar al individuo como guía. Los estudiantes desarrollan auto-comprensión, persiguen objetivos educacionales y fundamentalmente permanecen responsables de su propio progreso, se empeñan en mantener un espíritu innovador y responsables de las necesidades y demandas de la sociedad en una atmósfera de gobierno compartido, confianza y respeto mutuo.

El Colegio de Oxnard está comprometido a celebrar la diversidad y el entendimiento cultural en todos los niveles del colegio. En una sociedad como la de hoy, las actividades culturales y estéticas son enormemente apreciadas y deben ser promovidas. El colegio se esfuerza en proveer oportunidades educativas para que todo adulto, sin importar su sexo, edad, raza, impedimento físico, etnicidad, estrato socio/económico, cultural, o educativo, tenga acceso a una educación que satisfaga sus aspiraciones.

El Colegio de Oxnard intenta mirar en el pasado para entender el presente y luego forjar un próspero futuro. Igualmente, se empeña en mantener un espíritu innovador y responder a las demandas de la comunidad; así como también, de las necesidades de la sociedad en general.

Misión del Colegio

Conforme con la filosofía de proveer oportunidad educativa, acceso a la información, y capacitación, el Colegio de Oxnard ofrece los siguientes programas educativos diseñados con el propósito de satisfacer las necesidades de quienes deseen matricularse.

Educación General

Reconociendo que en todo individuo existe un valor intrínseco y trascendente que el puro valor económico y productivo, el estudiante debe aprender a vivir, tanto como a ganarse la vida. El Colegio de Oxnard destaca los valores de la educación general. Para alcanzar este objetivo, es imprescindible que el estudiante de colegio desarrolle un dominio sobre el lenguaje inglés hablado y escrito y desarrolle y entienda los principios matemáticos, tenga conocimiento de la estructura y el funcionamiento del cuerpo humano; desarrolle un entendimiento de la historia y de las instituciones políticas de los Estados Unidos; aprenda a apreciar la belleza, las formas y el color; perciba su papel social y entienda a la sociedad en que vive, llegando a familiarizarse con los elementos del método científico.

Programa de Transferencia

El Colegio de Oxnard provee programas y cursos que satisfacen los requisitos básicos de educación general de las universidades y colegios así como de una gran variedad de campos "pre/profesionales." Especial cuidado se observa para asegurar que estos cursos y programas sean paralelos con los ofrecidos en las universidades para que el crédito de estos cursos sea integramente transferible.

Educación Ocupacional

La preparación para un empleo es una función importante y legítima de la educación superior. El Colegio de Oxnard reconoce la naturaleza evolucionaria de la sociedad industrial, y por ello se compromete a la preparación especializada, tanto como en la capacitación que prepare en la satisfacción de las demandas del presente como del mañana. Los programas ocupacionales están diseñados para proveer de las habilidades prácticas y técnicas para quienes empiezan en un nuevo empleo y capacitan a quienes buscan la oportunidad de mejorar. La educación general es la base sobre la cual se cimienta la preparación especializada.

Programas de Desarrollo

El Colegio de Oxnard se esfuerza por satisfacer las necesidades de quienes desean inscribirse, pero que no están completamente preparados para las demandas de los programas educativos del colegio. Puesto que el proceso del aprendizaje toma lugar mediante el uso de la palabra y los números, todos los estudiantes deberán aprender a dominar el lenguaje escrito y hablado, así como los principios sobre los procedimientos matemáticos. De no ser así el estudiante se encontrará en seria desventaja entre sus condiscípulos. Por consiguiente, a ese estudiante se le ofrece la oportunidad de mejorar mediante los cursos propedéuticos de lectura, vocabulario, oratoria, aritmética, y lógica.

Asesoría Educativa

Con la finalidad de que todos los estudiantes puedan identificar sus capacidades, el programa de guía educativa provee asesoría a quienes deseen fijarse metas educativas, seleccionar inteligentemente de entre los cursos que ofrece el colegio, y establecer así el interés por una preparación profesional y sus metas para el futuro.

Desarrollo Físico

El desarrollo físico y la salud forman parte vital de la educación. La viveza mental y la vitalidad de el cuerpo son requisitos fundamentales de todo individuo. Programas como los de salud e higiene son ofrecidos, además de los de administración del hogar y de la familia, también una variedad de cursos en educación física. Los estudiantes tienen la oportunidad de participar en un número de actividades deportivas interescolares.

Servicios a la Comunidad

Parte de estos servicios es el proveer programas de conocimiento de toda la vida y servicios diseñados para cubrir necesidades específicas de negocios e industria y desarrollar una fuerza de trabajo capacitada que pueda realzar la vitalidad económica de la comunidad.

Vida Estudiantil

Servicios efectivos para estudiantes que apoyan física, social, y espiritualmente a los estudiantes dentro y fuera del salón de clases son vitales. Esto incluye exponerse a actividades estudiantiles, gobierno estudiantil, clubs, así como ayuda financiera, EAC, EOPS, cuidado de niños y otros servicios.

Historia del Colegio

Historicamente, se había reconocido la necesidad de un colegio comunitario en la planicie de Oxnard por las comunidades de Oxnard, Camarillo y Port Hueneme, por la mesa directiva y la administración del Distrito de los Colegios Comunitarios del Condado de Ventura desde la fundación del distrito en 1962.

De acuerdo con el pensamiento establecido en los primeros años, en 1968 fueron adquiridos 118 acres que se destinarían a la construcción del colegio. En 1969, las primeras clases fueron ofrecidas en la Escuela Ramona de Oxnard, con la idea de establecer el Centro de Oxnard.

En el otoño de 1973, el programa del Centro de Oxnard se expandió con la apertura del Centro Educativo de Oxnard, ubicado entre la calle 9a. y "B" de la ciudad, bajo la dirección del Colegio de Ventura. En el mes de febrero de 1974, el centro de Camarillo fué abierto bajo los auspicios del Colegio de Moorpark.

Con el Plan Maestro de Educación Año 2000 d.c. y el fuerte apoyo del área de Oxnard/Port Hueneme, en la primavera de 1974 se fijó la atención en la necesidad de un tercer colegio. Oficialmente la mesa directiva votó el 26 de marzo de 1974 en favor de la construcción del Colegio de Oxnard.

El Colegio oficialmente abrió las puertas en junio de 1975 para la primera sesión de verano. Utilizando los centros de Oxnard y

Camarillo, los cuales fueron iniciados por los otros dos colegios del distrito. Otras clases fueron añadidas después en una variedad de sitios en la ciudad. Para el otoño de 1975, el Colegio de Oxnard tenía más de 4,400 estudiantes inscritos, y más tarde en el semestre de la primavera, el número era todavía mayor. Con toda seguridad esta fue la mayor inscripción de estudiantes para un primer año de clases que se tenga conocimiento en los colegios de la comunidad de California.

En el otoño de 1979, los primeros dos edificios permanentes fueron ocupados. El edificio de Artes Libres que contiene 20 salones, más laboratorios de ciencia, el programa de negocios, además de oficinas para el profesorado, y la biblioteca, Centro de Recursos del Aprendizaje, aulas, y oficinas administrativas y de servicios para los estudiantes, que se localizan en el edificio de la Biblioteca/Centro de Recursos.

En el edificio de Educación Ocupacional se alberga el centro de procesamiento de información, los programas de refrigeración y aire acondicionado, hotelaría, electrónica, y el de procesamiento de palabras.

A principios de 1992, se abrió la nueva guardería infantil, y el nuevo edificio de educación física con canchas de baloncesto, racquetball, regaderas y vestidores, un salón de danza y gimnasio de pesas se abrió oficialmente en el otoño de 1994. La construcción del edificio para los departamentos de idiomas, matemáticas y ciencias se completó en 1997 para estrenarse durante el otoño de 1997. Otros edificios en el colegio incluyen dos salones de clases móviles, un salón vocacional, un centro de actividades estudiantiles, un centro de servicios para estudiantes y una cafetería.

El Colegio de Oxnard continúa con sus propósitos de desarrollar un programa educativo completo, al igual que un clima académico integrado que estimula a quien sirve, dentro del colegio.

Acreditación

El Colegio de Oxnard es un colegio público de la comunidad que sirve al Condado de Ventura. Como tal, el colegio se sujeta a las provisiones legales del estado de California. El Colegio de Oxnard está completamente acreditado por la Asociación Occidental de Escuelas y Colegios.

Membrecía

El Colegio de Oxnard es miembro de la Asociación Americana de los Colegios de la Comunidad y Colegios de dos años, la Liga de Colegios de la Comunidad en California, y la Conferencia Occidental del Estado.

Servicios Comunitarios

Los servicios para la comunidad son una función informativa del Colegio de Oxnard que se dedican a proveer una programación flexible y adecuada a las necesidades inmediatas de la comunidad, con variedad única educacional recreacional y clases de desarrollo personal, seminarios y talleres. Este departamento también patrocina un mercado sobre ruedas cada primer y tercer sábado de cada mes. Los servicios comunitarios tienen la función de informar, ofrecer clases sin crédito a costo variable.

Por autorización del acta del Centro Cívico, la oficina de servicios comunitarios programa y coordina el uso del colegio para organizaciones e individuos fuera del colegio. Para información acerca de cualquier programa o función de servicios de la comunidad, llame al (805) 986-5822 o visite nuestras oficinas en el edificio de Educación Ocupacional.

Acción Afirmativa

El Distrito de los Colegios de la Comunidad del Condado de Ventura y sus tres colegios están dedicados en proveer igual oportunidad de instrucción, empleo y servicios, sin importar la edad, raza, color, sexo, país de origen, religión o incapacidades físicas, de acuerdo con los requisitos de los Títulos VI y VII del Acta de Derechos Civiles de 1964, que fueron así enmendados; Título IX de las Enmiendas de Educación de 1972; y las Secciones 503 y 504 del Acta de Rehabilitación de 1973, así enmendado. Si usted siente que ha sido discriminado en cualquiera de estos programas o actividades, lo cual está prohibido por las disposiciones federales anteriormente mencionadas, haga el favor de comunicarse con el Vice Presidente de la Oficina de Servicios Estudiantiles del Colegio de Oxnard.

Para mayor información acerca de estas leyes y disposiciones, y las correspondientes políticas de la Mesa Directiva que preside el

Distrito de Colegios de la Comunidad del Condado de Ventura, puede dirigirse a:

Oficina de Recursos Humanos/Personal Diverso
333 Skyway Drive
Camarillo, California 93010
Teléfono: (805) 384-8307

Igualdad de Género

Para proveer un lugar de trabajo libre de discriminación de género, Joyce Parkel, (986-5800 ext. 2073) ha sido asignada para coordinar el Título IX, los esfuerzos para igualdad de género y para procesar demandas. (Título IX, enmienda educacional de 1972, sección 106-B).

Discriminación Ilegal

Quejas de discriminación ilegal se mandarán a la oficina de Personal del Distrito (Office of Human Resources/Staff Diversity) (384-8307) para evaluación y disposición según los procedimientos apropiados del estado y el distrito.

Meta del Razonamiento Analítico

El Colegio de Oxnard ofrece en sus aulas un ambiente abierto a las ideas, en forma independiente y analítico. Las clases están estructuradas para enfatizar los fundamentos del aprendizaje de manera profunda. Se espera que los estudiantes tomen responsablemente su propio aprendizaje. Esto significa que los estudiantes aprenderán el arte de estudiar autodidacticamente y desarrollar un firme hábito intelectual como lo son: claridad, precisión y agudeza de pensamiento; equanimidad y razonamiento conclusivo derivado de hechos y principios en lugar de prejuicios, distorsión o falacia.

El estudiante está invitado a participar analítica e inferencialmente en las discusiones de clase, como decía Robert Ennis "razonable pensamiento reflexivo que está enfocado en decidir en que creer o hacer."

Información para Admisión

Elegibilidad

El Colegio de Oxnard admite a personas quienes se graduaron de estudios secundarios (high school), o que hayan obtenido un certificado equivalente de estudios secundarios (GED) o mayores de 18 años y capaces de beneficiarse de la instrucción ofrecida en el colegio. Los estudiantes que asisten a uno de los Colegios de la Comunidad en el estado están sujetos a los requisitos de educación del Estado de California.

Un estudiante es elegible para asistir al Colegio de Oxnard, si ha sido residente legal por un año y 24 horas antes del primer día de clases del semestre en turno. Quienes no residan en el estado y/o sean extranjeros pueden ser admitidos bajo las condiciones estipuladas por la Mesa Gubernamental y con el pago extraordinario de cuotas de inscripción. La tarifa de cuotas para la inscripción aparecen en el apéndice.

El derecho del estudiante de asistir a cualquier colegio de la comunidad en este distrito está condicionado por ciertos requisitos de admisión y residencia estipulados por ley. Estudiantes que no han calificado para admisión en otras instituciones deben hacer petición por medio de la Oficina de Admisiones y Registros para el permiso correspondiente. Más información puede ser obtenida en la sección de Requisitos de Residencia, o puede obtenerla en la Oficina de Admisiones y Registros.

Procedimiento para la Admisión

Solicitud para Admisión

Para obtener una solicitud para admisión debe dirigirse a:

Oxnard College
Admissions & Records Office
4000 South Rose Avenue
Oxnard, California 93033-6699
(805) 986-5810

La solicitud debe completarse lo antes posible y regresarse al Colegio.

Seguro Social

Los números del Seguro Social se usan para identificación del estudiante, así que todo estudiante que vaya a matricularse debe estar preparado para presentar su tarjeta de Seguro Social. Si el estudiante no tiene número de Seguro Social, se le asignará un número de estudiante.

Transcripciones

Los requisitos para copias oficiales de records de preparatoria y/o colegio y universidad son los siguientes:

1. Todos los estudiantes de nuevo ingreso deben de presentar transcripción de estudios de preparatoria atendidos en los últimos tres años.
2. Todos los estudiantes que sean veteranos de guerra y reciben ayuda financiera deben presentar transcripción de los cursos completados en otros colegios y universidades.
3. Todos los estudiantes que se inscriban en cualquier curso de matemáticas, deben presentar transcripción de los cursos de matemáticas que hayan completado, ya sean de preparatoria y/o universidad, o bien de otros colegios que hayan atendido durante los últimos tres años.
4. Todos los candidatos a Diplomas (Associate Degrees) y/o Certificados en estudios vocacionales deben mandar transcripción de todos los cursos completados en otros colegios y universidades.
5. Los programas con requisitos especiales de admisión exigen que el estudiante proporcione todas las transcripciones de sus estudios de preparatoria y universidad para verificar su elegibilidad.
6. A los estudiantes en general se les requiere que presenten en el Colegio de Oxnard la transcripción de los estudios de preparatoria, así como las de otros colegios y universidades ha que hayan asistido.

Inscripción

Los horarios de clases serán publicados antes de las intersecciones de verano, otoño y primavera. Favor de seguir las instrucciones indicadas en los horarios.

Inscripción Tarde

Las inscripciones extemporáneas tomarán lugar después de comenzar las clases de los semestres de otoño y primavera.

Cursos Abiertos para Inscripción

Cada curso ofrecido por el Distrito de Colegios de la Comunidad del Condado de Ventura y sus colegios están totalmente abiertos para inscripciones y participación para cualquier persona que haya sido admitida al colegio y a quien llene los requisitos a la clase o programa al menos específicamente exentos por estatuto.

Matriculación

Matriculación es un proceso que resulta en un acuerdo entre el Colegio de Oxnard y el estudiante para el propósito de definir y realizar las metas educativas del estudiante. Este acuerdo incluye las responsabilidades para el colegio y el estudiante y resulta en el Plan Educativo Estudiantil.

Estudiantes ingresando por primera vez al colegio no pueden inscribirse por teléfono hasta haber completado el proceso de Matriculación o haber sido exentos del proceso por la oficina de Admisión.

Se les recomienda a todos los estudiantes de participar en el proceso de Matriculación.

Pasos al Éxito

Primer Paso-Admisión

Ser admitido al colegio

Las solicitudes de admisión están disponibles en la oficina de admisión en el edificio LRC. Los estudiantes de nuevo ingreso necesitan entregar su solicitud en persona. Durante este primer paso los estudiantes recibirán un repaso del proceso de matriculación sus derechos y responsabilidades de acuerdo a la matriculación.

Segundo Paso-Evaluación Académica

Entender sus talentos académicos y seleccionar las clases que los complementan

Esta sesión es conducida por el/la especialista de Matriculación. La evaluación será basada en el interés del estudiante, historial

académico, horario de trabajo y otros criterios. Por favor consulte al horario de clases para las fechas de las evaluaciones académicas.

Tercer Paso- Orientación

Conociendonos

Los estudiantes recibirán información acerca del proceso Matriculación, proceso de inscripción, orientación, asesoría, evaluación académica, servicios para los estudiantes y otros servicios disponibles para los estudiantes.

Quarto Paso - Asesoría en Grupo

Planear sus clases

Con la ayuda de consejeros, los estudiantes desarrollan su plan académico para un semestre el cual incluye una lista de clases para elegir durante la registración. Pasos 3 y 4 se llevan a cabo durante la misma sesión.

Los estudiantes que necesiten ayuda adicional después de la orientación, pueden hacer cita con un consejero individualmente o en grupo. Consultas sin cita son disponibles para resolver algunas preguntas rápidas.

El centro de consejeros está localizado en el edificio LRC, salón 22.

Quinto Paso - Inscripción

Seleccionar sus clases para el primer semestre e inscribirse en ellas

Usando la información desarrollada en el proceso de matriculación, los estudiantes elegirán su horario de clases para inscribirse. A los estudiantes que han completado el proceso de matriculación, Evaluación/Orientación/Asesoría se les requiere presentar su Plan Educativo o la forma de Participación/Diferir durante las inscripciones. Inscripciones en persona son sin cita y se atienden en la orden que van llegando. Cuotas de inscripción son coleccionadas durante este paso. Por favor vea el horario de clases para detalles acerca de las cuotas. Para algunos estudiantes, este paso puede ocurrir antes del proceso.

Sexto Paso - Evaluación de Progreso

Proveer asistencia durante el semestre

Después de inscribirse para el primer semestre, los estudiantes continuarán recibiendo los siguientes servicios durante la matriculación del sistema de "Early Alert" (alerta académica) y del Departamento de Consejeros. El personal de matriculación se mantendrá en comunicación con los estudiantes durante el semestre para asistir a aquellos que estén indecisos en sus carreras, inscritos en clases básicas, y para ayudar a los estudiantes a realizar sus metas en el colegio de Oxnard. Finalmente, puede ver un consejero si tiene preguntas personales, académicas, o acerca de su carrera. Citas se pueden hacer en el salón 22 del edificio LRC.

Exención de Matriculación

Durante el primer paso, el proceso de admisión, todos los estudiantes de nuevo ingreso son clasificados como exentos o no exentos. La póliza para exención se explica en los párrafos siguientes.

Criterio para exención de orientación, evaluación, o asesoría:

1. Estudiantes que tienen diplomas universitarios de instituciones regionales acreditadas.
2. Estudiantes que han completado menos de 16 unidades y cuya meta académica es una de las siguientes:
 - a. Avanzar en un empleo o carrera.
 - b. Mantener vigente certificados o licencias (por ejemplo, enfermería, bienes y raíces).
 - c. Desarrollo académico (intelectual, cultural).
 - d. Interés Personal
3. Estudiantes que hayan completado una evaluación de habilidades básicas o cursos prerrequeridos en otros colegios y puedan demostrar esto con documentación.
4. Estudiantes que estén inscritos en otro colegio del distrito, o un colegio de 4 años o universidad y que han completado menos de 16 unidades.
5. Estudiantes que están inscritos en el grado 12 o menos y han completado menos de 16 unidades de crédito de colegio.

Proceso para renunciar la Matriculación

Estudiantes que deseen renunciar de cualquier paso del proceso de la Matriculación deben conseguir la forma de Participación/Renuncia durante el Paso #1, en la oficina de Admisión. La forma completada se entrega a la oficina de Admisión. Una copia de esta forma se requiere para empezar el paso #5 de la registración.

Estudiantes pueden renunciar el proceso de matriculación solamente UNA VEZ. Después de renunciar el primer semestre, estudiantes deben participar en el proceso de matriculación antes de poderse registrar durante el tiempo reservado para estudiantes que continúan.

Servicios Alternativos de Matriculación

1. Información en español acerca de admisión y registración esta disponible para los que la necesiten. Comuníquese con la oficina de Admisión para ayuda.
2. Si tiene algún impedimento físico, visual, o limitación en comunicación en que necesite ayuda especial para completar cualquier segmento de la matriculación, comuníquese con la oficina de Servicios de Apoyo para estudiantes deshabilitados. Esta oficina se encuentra en el edificio de Servicios Estudiantiles.
3. Pre-requisitos/Co-requisitos. Si está en desacuerdo con algún requisito que le impide tomar una clase, por favor obtenga la forma para retar el requisito en la oficina de Instrucción.

Programa de Admisión para Estudiantes de Educación Secundaria

De acuerdo con el Código de Educación de California, los estudiantes en el onceavo y doceavo año de la escuela secundaria, pueden tomar clases a nivel de colegio y no necesitan pagar inscripción; sin embargo, la cuota para servicios médicos es obligatoria y debe ser pagada por los estudiantes.

Antes de ser admitido en el colegio, se requiere que el estudiante complete una solicitud especial firmada por los padres o tutores y el director de la escuela secundaria. Esta solicitud se puede conseguir en la oficina de Admisión del Colegio de Oxnard y/o en la oficina de los consejeros de la secundaria donde asiste el estudiante.

Los estudiantes que no tienen 18 años y no asisten a la secundaria pueden solicitar mediante sus padres o guardianes el ser admitidos. Si la solicitud es aprobada se podrán inscribir en los programas vocacionales o académicos.

Requisitos de Residencia

El derecho de todo estudiante en asistir a un colegio público de la comunidad está sujeto a ciertos requisitos de residencia. La ley del estado de California indica que para ser considerado residente legal con el propósito de admisión y pago de colegiatura, es necesario que el estudiante muestre documentación que pruebe su residencia en California.

Debido a la complejidad de estas leyes, los estudiantes que tengan dificultad en determinar su residencia deberán ponerse en contacto con el personal de la oficina de Admisión y Registro o la oficina del Programa ESPIGA.

Los estudiantes clasificados como "no-residentes" tendrán que pagar la cuota de colegiatura fijada cada año por la Legislatura del Estado de California. Las cuotas son publicadas en el horario de clases cada semestre y deben ser pagadas antes de poder ser matriculados en el colegio.

Estudiantes Extranjeros

Se reconoce que existe un valor social y educativo en los estudiantes extranjeros que se inscriben en los colegios del Distrito del Condado de Ventura. Debido a que los recursos financieros del Distrito son muy limitados, así como el espacio y las necesidades especiales de estos, el número de estudiantes admitidos cada año es limitado.

El reglamento sobre estudiantes extranjeros está incluido en el Apéndice X del catálogo.

Residencia del Personal Militar (Activo)

El Código Educacional de California, sección 68075.1, estipula: Un estudiante quien es miembro de las fuerzas armadas de los Estados Unidos apostado en este estado y activo en el servicio, excepto uno que es miembro de la fuerza armada asignado con propósitos educacionales a instituciones de educación universitaria apoyadas por el estado, es autorizado para clasificación como residente en cualquier uno de los colegios de la comunidad en California.

Esta sección debe permanecer en efecto solamente hasta el primero de enero del año 2000, y después de esta fecha será rechazada, a menos que un nuevo decreto, el cual sea promulgado antes del primero de enero del año 2000, borre o extienda esa fecha.

Dependientes del Personal Militar

Hay un año de exención para los dependientes del personal militar de quienes los esposos(as) estén asignados a las bases de California. A estos estudiantes dependientes se les ha dado un año, desde la fecha en que sus esposos(as) fueron asignados al servicio, para establecer su residencia en California, o para prepararse para pagar colegiaturas. (Por favor vea la sección de requisitos para la residencia.)

Cuota de Colegiatura para

No-Residentes

Se requiere que todos los estudiantes clasificados como no residentes en California y los estudiantes extranjeros paguen la colegiatura correspondiente a su categoría. (Por favor vea la sección de Requisitos de Residencia).

Reembolso de Colegiaturas

La elegibilidad y la cantidad de reembolsos de colegiatura será determinada por el número de unidades por las cuales se cobró alguna cantidad y por la fecha en que oficialmente se dejó una clase.

El programa de reembolsos se basa en una escala de disminución: no se dan reembolsos después de la cuarta semana de un semestre regular, ni después de la tercera semana de la sesión de verano. La oficina de Admisiones y Registros computará y aprobará la cantidad que debe reembolsarse y notificará por escrito a la Oficina de Negocios Estudiantiles. Los reembolsos se harán por medio de cheque y a través de la Oficina de Negocios Estudiantiles dentro de un período de tiempo razonable después de la notificación oficial. (Consulte el apéndice del Programa de Reembolsos a No-Residentes y Residentes de fuera del Distrito.)

Crédito Transferible

Evaluación de Los Colegios y Universidades Acreditadas

Los estudiantes que se transfieran a uno de los colegios del Condado de Ventura de algún colegio acreditado regionalmente se les dará crédito por cursos que aparezcan en transcritos certificados. Estos transcritos deben ser enviados a la oficina de admisiones. Serán evaluados de acuerdo con las Prácticas de Crédito Transferible de las asociaciones apropiadas.

Los estudiantes que se transfieran a uno de los colegios del Condado de Ventura de otros colegios y universidades regionalmente acreditados deben declarar todo trabajo académico previo. El no proporcionar la información completa puede resultar en la destitución de los colegios del Condado de Ventura.

De un Colegio o Universidad Extranjera

Los estudiantes que se transfieran a los colegios del Condado de Ventura de un colegio o universidad extranjera deben tener sus transcritos evaluados por una agencia aprobada por el distrito de colegios.

Los cursos tomados en países extranjeros deben ser evaluados por una agencia traductora aprobada. Los estudiantes mismos deben entregar los transcritos oficiales a la agencia y pedir que la agencia envíe la evaluación oficial de los transcritos al colegio. Los cursos estudiados serán normalmente los que se llaman "lower division" cursos básicos universitarios. Petición por crédito equivalente será evaluado individualmente por la Oficina de Admisiones. Esto estará basado en las recomendaciones del servicio de evaluaciones y el departamento apropiado del colegio.

Colocación Avanzada del Estudiante

Los estudiantes que hayan completado cursos avanzados en la secundaria y que hayan obtenido un total de 3,4,5, en el Examen de Admisión a la Universidad que haya sido tomado antes de la graduación de la secundaria, recibirán crédito en los Colegios del Condado de Ventura si estos resultados son declarados en la oficina de admisiones. Los estudiantes que reciban crédito por colocación avanzado no podrán inscribirse en los mismos cursos universitarios. El profesor o profesor determinará el equivalente de los cursos. Otros colegios o universidades pueden tener diferentes reglamentos concerniente a Colocación Avanzada y pueden negar crédito.

Transferencia del Servicio Militar

Los colegios del Condado de Ventura reconocen y dan crédito al personal militar por educación y entrenamiento recibido y completado

en las fuerzas armadas de los Estados Unidos si este no es una duplicación de trabajo previo.

El personal del servicio militar recibirá crédito por cursos ofrecidos por escuelas militares de los Estados Unidos y recomendados en la Guía de Evaluación por Experiencias Educativas en las Fuerzas Armadas del Consejo Americano de Educación. El crédito máximo que se considerará para el total de los requisitos del colegio será de 12 unidades.

El personal del servicio militar recibirá crédito avanzado por los cursos estudiados bajo los auspicios de (DANTES) o el (USAFI), Instituto de la Fuerzas Armadas de los Estados Unidos según aparece recomendado en la Guía de Evaluación de Experiencias Educativas en los Servicios Armados del Consejo Americano de Educación. El personal del servicio militar recibirá crédito avanzado por los cursos tomados en el (NCTC) Centro Naval de Construcción y Entrenamiento de Port Hueneme, basado en las recomendaciones de las Instituciones Acreditadas de la Educación Postsecundaria del Consejo Americano de Educación. Estos créditos serán tratados de la misma manera y bajo los mismos reglamentos que los créditos de colegios y universidades regionalmente acreditados.

El personal del servicio militar recibirá crédito por cualquier curso estudiado mientras estaba en servicio activo en un colegio o universidad que extienda transcripciones mostrando los créditos permitidos para obtener un diploma, de la misma manera que si el estudiante hubiese sido un estudiante civil y no militar.

Estudiantes de Tiempo Completo

Un estudiante de tiempo completo es aquel que en un semestre regular lleva un mínimo de 12 unidades, o un mínimo de 4 unidades en una sesión de verano.

Requisitos del Número de Unidades para Beneficios y Actividades

Para calificar para ciertos beneficios y actividades se requiere mantener un mínimo de unidades como sigue:

Los veteranos y huérfanos de guerra que estén recibiendo beneficios bajo el GI Bill: 12 o más unidades completadas al final del semestre; 9-11 unidades en tres cuartos de semestre; 6-8 unidades en la mitad del semestre.

Beneficios del Seguro Social: 24 unidades por año académico (no se le pagarán sus beneficios si sus unidades bajan de 12 en un semestre).

Seguro médico y de automóvil: 12 unidades

Ayuda financiera y servicios de EOPS: 12 unidades

Elegibilidad atlética: 12 unidades

Gobierno estudiantil: 6 unidades para puesto mayor; 3 unidades para miembros del Concilio

Cuotas de Estudiantes

Cuotas

Las siguientes cuotas estudiantiles se muestran aquí para su información y están sujetas a cambios sin aviso.

Cuotas Obligatorias

Pago de Inscripciones

La Mesa Gubernamental del Distrito de Colegios de la Comunidad del Condado de Ventura ha adoptado la cuota de inscripción por mandato del estado equivalente a \$11 por unidad. Otras cuotas, como las de estacionamiento y las de no-residentes, continúan en efecto. Todas las cuotas están sujetas a cambio sin previo aviso. Para más información, comuníquese con la oficina de Admisión y Registros y consulte el horario de clases.

Cuota para la Representación del Estudiante

La cuota de un dólar para la representación de estudiantes proveerá apoyo a los representantes de los estudiantes para introducir a la legislación estudiantil cosas como mantener la colegiatura al más bajo costo posible. Sin embargo, los estudiantes pueden oponerse por razones religiosas, políticas o morales a pagar la cuota para la representación del estudiante. Pueden indicarlo por escrito en la petición para renunciar esta cuota. Esta forma es disponible en el Centro Estudiantil y se regresa a la oficina de Asuntos de Estudiantes.

Cuota para el Centro Estudiantil

La cuota para el Centro Estudiantil se estableció por los estudiantes para la construcción de un Centro Estudiantil. La cuota es de \$1 por unidad con el máximo de \$10 por año académico y se iniciará la primavera de 1998. Estudiantes que reciben beneficios de Aid to Families with Dependent Children Program, Supplemental Security Income/State Supplemental Program, General Assistance Program, pueden ser exentos de pagar esta cuota verificando su participación en estos programas con la oficina de Ayuda Financiera.

Cuotas No-Obligatorias

Las cuotas que no son obligatorias son idénticas para los estudiantes de día y los de noche. Pueden ser pagadas en la Oficina de Asuntos de Estudiantes.

1. Cuota de Estacionamiento para los Estudiantes

- Cuota para el Semestre Regular (12 semanas o más):
 - Automóviles: Semestre regular \$30
 - Motocicletas: Semestre regular \$21
- Cuotas por Término Corto (menos de 12 semanas):
 - 6 a 11 semanas: Automóvil \$21; Motocicleta \$12
 - 1 a 5 semanas: Auto \$9; Motocicleta \$9
- Sesión de Verano: Auto \$14; Motocicleta \$9
- Permiso para segundo vehículo: \$6; \$4 para el verano
- Permiso duplicado: \$5; regular \$4 durante el verano

NOTA:

- La combinación de dos permisos (un automóvil y una motocicleta) costará no menos de \$25 por semestre regular y \$12 por la sesión de verano.
- Los estudiantes que no compren permisos de estacionamiento para todo el período de clases, pueden comprar diariamente un permiso.

2. Tarjeta de Identificación Estudiantil

Esta tarjeta se puede comprar por \$6 por semestre o \$10 por año. Las tarjetas se pueden comprar solamente al inicio del semestre del otoño. A todos los estudiantes que están inscritos se les invita a comprar sus tarjetas tan pronto como les sea posible para que aseguren máximos beneficios. Los fondos de la venta de las tarjetas costean las operaciones y actividades del gobierno estudiantil y varios programas del colegio.

3. Libros de Texto y Útiles

Por ley del estado, al Colegio de Oxnard se le prohíbe proporcionar libros de texto o útiles gratis a los estudiantes. Ambas cosas pueden comprarse en la librería del colegio y el costo varía cada semestre según los requisitos de cada clase. Puede haber cargos extra por materiales de instrucción y servicios. Consulte un horario de clases para información acerca de los mismos.

4. Transcripciones

Los estudiantes reciben sus primeras dos transcripciones gratuitas. Se cobrará \$3 por cada transcripción adicional y \$5 por transcripciones requeridas en un día.

Reglamentos Académicos

Calificaciones

Trabajo en todos los cursos aceptables como los requisitos para "Associate Degrees," certificados, diplomas, licencias, o trabajo al nivel de bachillerato será evaluado de acuerdo a las reglas adaptadas por la Mesa Directiva del Distrito para las siguientes secciones que se relacionan a la escala de grados de letra, la opción de crédito o no crédito por examinación.

Sistema de Calificaciones

Escala de Grados de Letra

La escala de calificaciones se basará en la equivalencia de puntos para determinar el promedio de calificación del estudiante. La calificación más alta recibirá 4 puntos y la más baja recibirá 0, usando los siguientes símbolos evaluativos:

Símbolo	Puntos de Calificación
A = Excelente	4
B = Bueno	3
C = Satisfactorio	2
D = Pasa, menos que satisfactorio	1
F = Reprobado	0

CR = Crédito
NC = NoCrédito

Cursos tomados a base de crédito/no crédito no se tomarán en cuenta al calcular el promedio de calificación. Unidades ganadas a base de crédito contarán satisfactoriamente para requisitos del programa de estudios. "CR" se usa para significar "pasar con crédito" cuando no se da calificación de letra. "CR" se asigna para trabajo que se merece una calificación de "C" o mejor. "NC" se usa para significar "No Crédito" cuando no se da calificación de letra.

Símbolos No-evaluativos

La Mesa Gubernamental del Distrito ha autorizado el uso de los siguientes símbolos no-evaluativos: "I", "IP", "RD", y "W", que se definen en los párrafos siguientes:

I=Incompleto

Trabajo académico incompleto por imprevisibles emergencias y razones justificadas al término del semestre puede resultar en el símbolo "I" en el record del estudiante. Las condiciones para remover dicha "I" deben ser anotadas por el instructor prescrito. Esta anotación debe contener las condiciones para remover la "I" y también la calificación asignada en su lugar. Esta debe darse al estudiante conservando una copia en archivo hasta que se haga el cambio de la "I" o el límite de tiempo haya pasado. Una calificación final será asignada cuando el trabajo estipulado haya sido terminado y evaluado, o cuando el límite de tiempo para hacer dicho trabajo haya pasado. La "I" podrá ser cambiada, a más tardar, un año después de terminado el período de clases durante el cual fue asignada. El símbolo "I" no se usará en calcular unidades ni tampoco puntos para calificación. En cualquiera de los Colegios del Distrito, en circunstancias especiales, el estudiante podrá formular una petición para que este límite de tiempo se extienda.

IP=En Progreso

El símbolo "IP" se usará para indicar que la clase se extenderá más allá del límite fijado para el final del período de clases. Indica que el trabajo está "en progreso," pero que la calificación será asignada hasta que dicho trabajo se complete. El símbolo "IP" permanecerá en el record permanente del estudiante para tener completa su documentación. La calificación evaluativa apropiada y crédito de unidades serán asignados y aparecerán en el record del estudiante por el término en el cual el curso se complete. La "IP" no se usará para calcular el promedio de calificación.

RD=Reporte Atrasado

El símbolo "RD" puede ser asignado únicamente por el registrador. Se usa cuando hay un retraso en el reporte de la calificación del estudiante debido a circunstancias fuera del control de este. Es una anotación temporal que será reemplazada por un símbolo permanente tan pronto como sea posible. "RD" no se usará para calcular un promedio de calificaciones.

W=Withdrawal(Dejar una clase)

El estudiante puede dejar una clase hasta el último día de la catorceava semana de instrucción en las clases de semestre, o hasta terminar el 75 por ciento de una clase que sea menos de un semestre en duración. El record del estudiante que permanece en una clase por más tiempo que este deberá mostrar una calificación que no sea una "W". Cuando el estudiante deja una clase dentro de las primeras cuatro semanas del curso o dentro de 30% del mismo, (lo que ocurra primero) ninguna anotación debería aparecer en su record (ni "W" ni otra). Si el estudiante deja una clase entre el fin de la cuarta semana y el último día de la catorceava semana de un semestre o el 75% del mismo, una "W" debería aparecer en su record.

Opciones de Crédito/No Crédito

Los colegios del Distrito de Colegios de la Comunidad del Condado de Ventura ofrecen cursos con dos opciones: Crédito, No Crédito: (1) cursos que se ofrecen sobre una base de Crédito/No Crédito solamente, y (2) cursos en los cuales los estudiantes pueden escoger la opción de Crédito/No Crédito.

La primera categoría incluye aquellos cursos en que todos los estudiantes del grupo son evaluados a base de Crédito/No Crédito ("CR" o "NC"). Esta opción de calificación de Crédito/No Crédito se usará al excluirse todas las otras calificaciones en cursos por los cuales hay un solo promedio satisfactorio por el cual se asigna el crédito. Este crédito será asignado al alcanzar tal promedio. Si no se logra el promedio, no se dará el crédito.

La segunda categoría de cursos con la opción de Crédito/No Crédito incluye cursos designados por el colegio donde cada estudiante puede elegir, antes del fin del primer 30 por ciento del período de clases, si la evaluación ha de hacerse a base de Crédito/No Crédito o calificación. Una vez que el primer 30 por ciento de la duración del curso haya pasado, la petición no se puede cambiar. Es la responsabilidad del estudiante notificar al instructor de su intento de ser calificado a base de Crédito/No Crédito y de llenar la forma apropiada; de otra manera se le asignará una letra de calificación.

Todas las unidades que se adquieran a base de Crédito/No Crédito en instituciones acreditadas de California o de estudios avanzados o instituciones equivalentes fuera del estado, se contarán de acuerdo con el curriculum de requerimientos de colegios de la comunidad.

Un estudiante puede solicitar el máximo de 20 unidades de crédito basadas en la opción de Crédito/No Crédito para un título de A.A. o A.S. o un Certificado Vocacional. Crédito (CR) se usa para denotar "Pasó con crédito" cuando no se da una letra de calificación. Crédito se asigna cuando el trabajo tiene la calidad suficiente como para obtener una calificación de "C" o mejor.

Unidades de "Crédito" no pueden usarse para requisitos de especialización; requisitos de curso generales. Así que unidades de "crédito" no deberían usarse para cumplir con los requisitos para los diplomas de AA, AS o para transferir.

Las unidades que se adquieren a base de Crédito/No Crédito no se usarán para calcular promedio de calificación. Sin embargo, las unidades que traten de obtenerse y por las cuales se hace una anotación de NC se tomarán en cuenta en casos de prueba condicional o procedimientos de expulsión.

El estudiante debe estar consciente de que otros colegios o universidades pueden restringir la aceptación de cursos que se han tomado a base de Crédito/No Crédito, especialmente para satisfacer requisitos de especialización.

Asistencia a Clases

Todos los estudiantes admitidos al Colegio de Oxnard deben asistir a sus clases regularmente por dos razones: porque la continuidad de asistencia es necesaria para el progreso individual y del grupo en cualquier clase, y porque el apoyo financiero que recibe el colegio depende de la asistencia de estudiantes a clases.

Ausencia por cualquier razón no excusa al estudiante de sus responsabilidades de completar todos los requisitos de sus clases.

Es la responsabilidad del estudiante de informarse cada semestre de los reglamentos de asistencia y ausencia que cada maestro tiene en cada clase en que esté inscrito. Cuando la ausencia del estudiante es más de 18% del total de horas de contacto para cada sesión (ej., la ausencia en una clase semestral que iguale o doble el número de horas que reúna una clase en una semana), el profesor(a), después de una advertencia al estudiante, puede pedir a la Oficina de Admisiones y Registros que anule al estudiante de la lista oficial y que se asigne la calificación de acuerdo con el reglamento para dejar una clase.

Como Dejar Una Clase

Es la responsabilidad del estudiante dar los pasos necesarios para dejar una clase cuando el/ella desee hacerlo. Las formas para este propósito están disponibles en la Oficina de Admisiones y Registros.

Estudiantes o instructores pueden iniciar los trámites para el "retiro" durante la cuarta semana de instrucción en el semestre, o antes de terminar el 30% de la clase cuando un curso es más corto que el del semestre regular. Esta acción resultará en que el archivo académico del estudiante, tarjeta de calificaciones, o archivo no muestren que dejó la clase. Un retiro también se puede iniciar después de la cuarta semana hasta el último día de la catorceava semana de un semestre, o durante el primer 75% de un curso menos largo que el regular. El "retiro" será autorizado después de informar a la facultad apropiada. Esta acción resultará en una "W" en el archivo del estudiante.

El archivo académico del estudiante que permanece en clase por más de este tiempo debe reflejar una calificación y no una "W".

Una "W" no se usará para calcular el promedio de calificaciones de un estudiante, pero si acumula suficientes "W"s, estas podrán usarse como factores en el procedimiento de expulsión.

La autorización para dejar una clase después del límite de tiempo asignado puede obtenerse solamente bajo circunstancias mayores o la verificación en casos de accidente, enfermedad, y otras causas fuera del control del estudiante. Las peticiones de este tipo que sean aprobadas resultarán en una "W" en el archivo del estudiante. La forma para esta petición, "Petición de cambio de calificación a "W" puede ser obtenida en la Oficina de Instrucción.

Separación del Colegio

Es la responsabilidad del estudiante formalmente dejar todas sus clases si es su intención retirarse del colegio. Un estudiante tendrá una anotación permanente en su archivo de acuerdo con las reglas especificadas en el Reglamento de Separación del Colegio si deja sus clases después de la cuarta semana de un semestre, o después del 30% de un curso menor que el regular. Formas para este procedimiento pueden obtenerse en la Oficina de Registros.

Cambio de Calificación

En cualquier curso de instrucción de un colegio del Distrito de Colegios de la Comunidad del Condado de Ventura en que se da una calificación, el instructor del curso determinará la calificación que se le dará a cada estudiante de acuerdo con el sistema de símbolos y promedios de calificación. La determinación de la calificación por el instructor será definitiva siempre y cuando no contenga errores, fraude, mala fé, o incompetencia. Los procedimientos para la corrección de una calificación que tiene un error incluirá la eliminación incorrecta en el archivo del estudiante. La forma para esta petición "Cambio de Calificación" está disponible en la Oficina de Instrucción.

Cuando se han hecho cambios de calificación, las anotaciones en el archivo académico permanente del estudiante se hacen de tal manera que todo el trabajo sea perfectamente legible, asegurando así un archivo académico efectivo y completo.

Repetición de un Curso

Un curso en el que se ha obtenido una calificación de "C" o mejor grado no podrá repetirse excepto bajo circunstancias especiales como se describe en el catálogo.

Cursos en cualquier colegio en los que se ha obtenido una calificación de "D", "F", "NC", u otra baja notación pueden ser repetidas con el propósito de mejorarlas. Esta política puede aplicarse más de una vez a cualquier curso. Un curso tomado en otra institución en el cual se ha obtenido una calificación baja, puede repetirse en los colegios del Distrito de Colegios de la Comunidad del Condado de Ventura sujeto a esta política. Para identificar equivalencias aceptables, equivalencia de cursos será determinada principalmente por contenido, como esté definido en la descripción de cursos en el catálogo, y no por título o unidad. Se requiere aprobación para repetición de cursos. La petición para este propósito "Petición para Repetición de Curso", está disponible en la Oficina de Consejeros.

Al completar la repetición del curso, la calificación anterior será omitida para el cómputo del promedio acumulativo y se tachará en el archivo permanente, donde se apuntará la nueva calificación de manera que toda enmienda sea legible, asegurando una historia académica completa y efectiva.

Los estudiantes deben entender que otros colegios y universidades pueden no aceptar crédito por trabajo que represente una repetición de trabajo de escuela secundaria. Además, no se puede garantizar que las clases que se repitieron y dieron por resultado una mejor calificación serán aceptadas por otros colegios o universidades.

Reanudación Académica sin

Repetición de Curso

Estudiantes pueden solicitar que una parte de su trabajo previo en el colegio sea descartado para llenar los requisitos en los colegios del Distrito de Colegios de la Comunidad del Condado de Ventura. La reanudación académica es para facilitar el cumplimiento de los requisitos necesarios para un título académico o certificado.

El estudiante puede pedir, solo una vez, que se eliminen los promedios y calificaciones de porciones selectas de su trabajo previo en el colegio que no reflejan su presente habilidad. El estudiante puede solicitar reanudación académica seleccionando una de las siguientes opciones: (1) descartar el máximo de 15 unidades de

cualquier curso con grado inferior a "C" o equivalente, cursado durante uno o dos semestres, no necesariamente consecutivos (una sesión de verano puede contar como equivalente a un semestre regular a discreción del estudiante). Cursos y unidades tomadas en cualquier institución pueden ser descartadas.

Reanudación académica se considerará solamente a estudiantes que estén matriculados en por lo menos un curso de crédito en el colegio; hayan completado por lo menos 12 unidades en residencia en los colegios del Distrito de Colegios de la Comunidad del Condado de Ventura; hayan sometido transcripción de todo trabajo en el colegio; hayan esperado dos años desde que el trabajo que será descartado fue completado; y hayan subsecuentemente completado por lo menos 30 unidades semestrales con el mínimo de 2.40 de promedio académico.

Los colegios del Distrito de Colegios de la Comunidad del Condado de Ventura aceptarán acciones similares de otros colegios y universidades acreditadas a determinar promedios de calificación y créditos.

La petición para este propósito "Reanudación Académica" está disponible en la Oficina de Consejeros. Al considerarse la petición para Reanudación Académica, el archivo académico permanente del estudiante se anotará de tal manera que todo trabajo sea legible, asegurando un archivo académico completo y efectivo.

Los estudiantes deben estar consientes que otras universidades pueden tener diferentes reglamentos concernientes a la reanudación académica y no aceptar este reglamento.

Crédito por Examinación

El conceder crédito para un curso por examinación está basado en el principio de que experiencia previa, entrenamiento o instrucción es equivalente a un curso específico que sea impartido en el colegio. Si un examen indica que el estudiante posee la equivalencia y la maestría adecuada de la materia, el crédito se otorga. Todos los cursos estarán abiertos para crédito por examinación a menos que estén específicamente exentos. Cada división del colegio determinará los cursos por los cuales se puede otorgar crédito por examinación y la Oficina de Instrucción mantendrá una lista al día de los cursos excluidos de este reglamento. Para el propósito de este reglamento, un curso significará un área organizada de instrucción como se describe en el catálogo del colegio. Los créditos que se ganen bajo este reglamento no contarán en la determinación de elegibilidad atlética ni para determinar elegibilidad para beneficios de veteranos.

El estudiante debe saber que el uso de las unidades ganadas por crédito por examinación para establecer elegibilidad para deportes, ayuda financiera, y beneficios de veteranos están sujetos a reglas y regulaciones de agencias externas participantes.

Se hará una excepción a lo anterior cuando sea necesario para cumplir con estipulaciones de la Ley del Estado de California. Crédito por examinación se podrá otorgar únicamente a un estudiante que esté registrado por lo menos en un curso de crédito en el colegio; haya completado por lo menos 12 unidades de residencia en los colegios del Distrito de la Comunidad de Colegios del Condado de Ventura; que no esté a prueba académica; haya sometido transcripción de todos los cursos previos; no haya obtenido crédito en una materia más avanzada y no haya recibido una calificación de ("A, B, C, D, F, CR, NC") o equivalente en el curso por el cual está tratando de conseguir crédito por examinación en ésta o cualquier otra institución educativa. El estudiante que solicita crédito por examinación recibirá un grado de "CR" (crédito) si él o ella pasa el examen satisfactoriamente; ningún otro grado se anotará en su archivo. Los estudiantes que no tienen éxito cuando hacen el examen par obtener crédito, no recibirán un grado de "NC" (no crédito) ni aparecerá en su archivo el examen que hicieron sin éxito. Sin embargo, el estudiante podrá hacer el intento de obtener crédito por examinación por un curso solo una vez. Lo máximo que un estudiante puede obtener bajo este reglamento cuando está estudiando para obtener un "Associate Degree" o Certificado Vocacional son 12 unidades o cuatro clases. El total de unidades concedidas por este método de examinación no contará para el mínimo de 12 unidades requeridas para la residencia en el colegio. El crédito por examinación puede darse solamente en un curso, de una secuencia de cursos, tal como está determinado por los prerrequisitos. No será concedido en un curso que es requisito para la clase en la que el estudiante está corrientemente inscrito.

Excepciones a esta regla se permiten en cada colegio en esos programas técnicos-vocacionales donde el plan de estudios lo hace necesario. Las excepciones son las siguientes: El requisito de residencia de 12 unidades se suspende, permitiendo a los estudiantes hacer una petición para crédito por examinación antes de completar este requisito; al cumplir con el requisito de residencia, el curso que se retó se añadirá al archivo escolar del estudiante. Crédito por examinación se dará por más de un curso en una secuencia de cursos requeridos, cuando se aprueba por un oficial administrativo responsable de programas técnico-vocacionales.

La petición para este propósito "Petición para Crédito por Examinación" es iniciado en la Oficina de Consejeros. Peticiones aprobadas deben estar archivadas con el maestro dando el examen, a más tardar, el viernes de la decima semana del semestre. El examen se administrará antes del último día del período de exámenes finales.

El crédito ("CR") se asigna por un trabajo que tenga la calidad suficiente para obtener una calificación de "C" o mejor. Las anotaciones en las transcripciones especificarán si el crédito se obtuvo por examinación o como resultado de una inscripción en un curso regular. El archivo académico del estudiante anotará claramente para que refleje que el crédito se obtuvo por examen. Los estudiantes deben estar conscientes de que otros colegios pueden rehusar el crédito por examinación para el propósito de transferencia.

Exámenes Finales

Exámenes formales se dan al término de cada semestre. Se requiere que los estudiantes tomen exámenes en las clases, en las cuales están matriculados. Excepciones a esta regla en situaciones de emergencia requieren aprobación del instructor del curso de Vice Presidente de Instrucción. Todas las peticiones para tomar un examen más tarde deben entregarse a la Oficina de Registro. Peticiones para tomar exámenes después de la fecha fijada no se considerarán si el estudiante deja de asistir a clases tres semanas antes de que se termine el semestre. No se administrarán exámenes previos a la fecha que han sido fijadas para ello. Las solicitudes de los estudiantes para tomar un examen después de las fechas regulares se deben hacer llenando la forma para dicha petición que se puede obtener en la Oficina de Registro.

Admisión, Expulsión, Readmisión y A Prueba

Las normas y procedimientos de admisión, expulsión, readmisión y a prueba han sido designadas para ayudar a los estudiantes a progresar en su camino hacia metas vocacionales y educacionales. Los estudiantes que deciden matricularse deben ser alentados para que aprovechen la oportunidad de desarrollar todo su potencial. Limitaciones relacionadas con programas, cursos, y números de unidades son consistentes con la filosofía de proveer una oportunidad para tener éxito. La declaración completa del reglamento adoptada por la Mesa Directiva del Distrito en Admisión, Expulsión, Readmisión y A Prueba, aparece en el apéndice de este catálogo.

Fraude o Plagio

Instructores tienen la responsabilidad y la autoridad para tratar con casos de fraude y plagio que ocurren en sus clases. En la política del Distrito de Colegios de la Comunidad del Condado de Ventura dice que un instructor puede despedir de la clase a un estudiante por tal comportamiento deshonesto con una calificación de "F". Es más, el miembro de la facultad puede dirigir el caso al Vice Presidente de Servicios Estudiantiles para acción disciplinaria.

Oyentes en Clases

Estudiantes inscritos en clases para recibir diez unidades o más por semestre pueden asistir como oyentes a clases de tres unidades o menos por semestre sin pagar la cuota de inscripción obligatoria. Estudiantes inscritos en menos de diez unidades de crédito por semestre pueden atender en calidad de oyente en clases de tres o menos unidades, con el pago de la cuota de quince dólares (\$15.00) por unidad por semestre.

Prioridad para inscripción en clases se dará a estudiantes deseando tomar la clase por crédito hacia un certificado o diploma. Así que, estudiantes queriendo estar de oyentes en una clase pueden registrarse en tal clase por petición especial en los últimos dos días

del período de inscripciones. Esta petición requiere el consentimiento del instructor. Clases con laboratorio no están disponibles a inscripciones como oyente. Estudiantes inscritos como oyentes no se les permitirá cambiar su inscripción para recibir crédito por la clase.

Estudiantes inscritos como oyentes en una clase no se les permitirá tomar exámenes en clase, y no podrán recibir "Crédito por Examinación" después de estar en clases en calidad de oyente. Los instructores no están obligados a calificar los trabajos de estudiantes que atienden como oyentes. Requisitos de asistencia para estos estudiantes son los mismos que para los estudiantes como dictan las reglas en el colegio.

Lista de Honor

Estudiantes quienes logran distinción académica, se les otorga un reconocimiento especial. Estudiantes de tiempo completo que tengan un programa de 12 o más unidades con un 3.5 promedio de calificación o más alto durante un semestre, serán elegibles para la lista de honor proveyendo que por lo menos nueve de las 12 unidades sean de clases que se califiquen con grado de letra.

Estudiantes que asisten al Colegio de Oxnard y al mismo tiempo estén inscritos en los colegios de Moorpark o Ventura pueden pedir que las unidades se combinen para ser elegibles para la Lista de Honor. Estudiantes que asisten a más de un colegio en un semestre pueden escoger al colegio en el que desean participar en la Lista de Honor.

Regulación de Grabadoras en Clase

Estudiantes con una deshabilidad verificada pueden solicitar el uso de grabadoras en clase con el objeto de tener equitativo acceso en los programas académicos del colegio. Cualquier otro estudiante debe obtener el consentimiento por escrito del instructor de la clase.

Servicios al Estudiante

Guía Académica

Filosofía de los Consejeros

El propósito de los consejeros del Colegio de Oxnard es proveer sesiones de orientación en grupo o individuales, en las cuales los estudiantes se sientan con libertad de discutir su plan académico, carreras e intereses personales, como parte del proceso de hacer decisiones significantes en sus vidas.

El método consejero-estudiante en su totalidad estimula al estudiante a atender a sus intereses inmediatos y le ayuda a explorar opciones. Los problemas de los estudiantes son tratados en una forma completa, lo cual puede incluir hacer un examen completo de estilos de vida y de cómo la forma de vida de cada individuo puede afectarse su desarrollo educacional.

Información Académica

Una de las principales responsabilidades de los consejeros del Colegio de Oxnard es ayudar a los estudiantes a planear un programa de estudio el cual refleje apropiadamente sus intereses personales, su potencial y motivación. La función del asesor (consejero), sin embargo, es la de aconsejar; por lo demás, la responsabilidad de informarse de los requisitos e inscribirse en los cursos apropiados recae en el estudiante.

Los estudiantes que se registren en el Colegio de Oxnard por primera vez y los que estén a prueba, deben participar en el proceso de Matriculación. Se les recomienda a los estudiantes hablar con un consejero antes de matricularse. Pueden hacerse citas con un consejero por teléfono.

Elección de Carrera y Planificación de Vida

Los consejeros pueden proporcionar a los estudiantes información sobre una variedad de carreras profesionales. Visitando el Centro de Carreras, asistiendo a las clases de Desarrollo Personal y reuniéndose con los consejeros, los estudiantes tienen la oportunidad de explorar la relación que existe entre la carrera elegida, los procedimientos para hacer decisiones y los valores personales.

Clases de Desarrollo Personal

La participación en las clases de Desarrollo Personal de los estudiantes, la oportunidad de reflexionar sobre la forma en que han

actuado en el pasado y el presente, y al mismo tiempo les proporciona una atmósfera favorable para la auto-exploración. Estas clases le ayudan al estudiante seguir sus estudios y son parte del proceso de Matriculación.

Preocupaciones Personales

Profesionales debidamente entrenados están disponibles para consultas personales. Por medio del método establecido los consejeros ayudarán al estudiante a explorar alternativas inmediatas en situaciones críticas o le asistirán al hacer su decisión para que tenga mayores probabilidades de éxito mientras asiste al Colegio de Oxnard. Si es necesaria más ayuda, los consejeros pueden dar servicio de referencias e indicar al estudiante dónde puede obtener servicios adicionales en el colegio y recursos en la comunidad.

Programa de Servicios para Estudiantes Incapacitados

La oficina de Programas y Servicios para Estudiantes Incapacitados del Colegio de Oxnard ofrece servicios de apoyo a estudiantes que tienen alguna incapacidad física, de desarrollo, de aprendizaje o de comunicación, para ayudarlos a participar efectivamente en el proceso educativo. Se ofrecen una variedad de servicios para satisfacer todas las necesidades de los estudiantes incapacitados, incluyendo materiales especiales, equipo audio-visual, transportación, intérpretes, asesoría y ayuda académica.

Hay servicios para personas con impedimentos visuales incluyendo grabadoras, Visual Tek, diccionarios Braille y lectores. Servicios para personas sordas incluyen intérpretes en clase, programas de lenguaje, y tutores hábiles en el alfabeto para sordo-mudos.

Servicios para personas con incapacidad de aprendizaje incluyen exámenes diagnósticos, asesoría, estrategias para aprendizaje individualizadas, clases especiales, y contratos académicos individuales.

Para personas con limitaciones físicas, el colegio ofrece transportación, ayuda para mobilizarse dentro del colegio, tutores, préstamo de sillas de ruedas eléctricas para uso en el colegio. Asesoría vocacional, para estudiantes incapacitados, es disponible junto con exámenes diagnósticos y académicos. Esta disponible por el departamento un certificado de completación en transición de empleo para estudiantes no matriculados y para aquellos que no desean participar en otros programas de diploma o certificado ofrecidos por el colegio.

Servicios y Programas de Oportunidad Extensa (E.O.P.S.)

El programa EOPS está diseñado para reclutar, retener y proporcionar servicios a estudiantes en desventaja de acuerdo con ciertos criterios educacionales y económicos. El objetivo del Programa EOPS es el de darle al estudiante la oportunidad y asistencia necesaria para poder completar su programa académico y/o vocacional en el Colegio de Oxnard. Para lograr este objetivo, EOPS ofrece servicios adicionales al programa educativo regular del colegio. Para poder ser elegible, los estudiantes deben calificar para la beca BOGG (Nueva Mesa Directiva de Becas e Incentivos a Estudiantes), debe estar matriculado por tiempo completo, y no debe de haber completado más de 70 unidades (créditos aplicables hacia su título). Una vez elegibles, se les ofrecerá una orientación, servicios de tutores, consejeros, becas, préstamos de emergencia y/o para libros, y otros servicios adicionales. Para más información póngase en contacto con el departamento de EOPS que está ubicado en el edificio de Servicios Estudiantiles o llame al (805) 986-5827.

Agencia Cooperativa de Recursos para la Educación (C.A.R.E.)

CARE es una rama de EOPS la cual provee servicios a estudiantes que son padres de familia solteros quienes desean una vida mejor para sí mismos, adquiriendo una preparación académica y habilidades para un empleo. CARE provee ayuda financiera adicional para cuidado de niños y el gasto de libros mientras se está estudiando, clases y talleres de interés para estudiantes que son padres de familia solteros, y servicios de asesoría académica y personal.

Solicitantes para CARE necesitan primero calificar para el programa de EOPS y ser, además, jefe de familia soltero/a, haber recibido AFDC por un año, ser padre o madre de un hijo/a menor de 6 años de edad, y estar inscrito en por lo menos 12 unidades. La

oficina de CARE se encuentra en el edificio de Servicios Estudiantiles (Student Services).

Programa Inglés-Español de Garantía en el Acceso a la Instrucción (E.S.P.I.G.A.)

El programa bilingüe del Colegio de Oxnard ha sido diseñado para facilitar la entrada de los estudiantes hispanohablantes que hablan poco inglés, a las clases regulares en inglés. Los estudiantes aprenderán inglés mientras participan en este programa ganando créditos universitarios en programas vocacionales o académicos.

Cada semestre, las clases ofrecidas por el programa de ESPIGA son publicadas en el horario de clases en inglés y en español. Los cursos del programa de ESPIGA incluyen: clases de educación vocacional, clases de nivel transferible; y clases de habilidades básicas en inglés. Las clases se ofrecen de día y también de noche.

Todos los cursos del mismo nivel se complementan y se pueden tomar durante el mismo semestre. Un consejero puede asistirle en la selección de clase correspondientes a su conocimiento de inglés de acuerdo con los resultados del diagnóstico. La gráfica siguiente muestra los niveles de inglés y los correspondientes con el nivel recomendado para las clases técnicas/vocacionales.

INGLES COMO SEGUNDO IDIOMA (ESL)

Las clases de *Inglés Como Segundo Idioma* (ESL) se dividen en cuatro niveles de gramática y escritura, conversación, lectura, y vocabulario. Algunas clases de enseñan con metodología bilingüe para los hispanohablantes que prefieren ayuda en español en las clases de inglés. Consulte con la oficina del Programa ESPIGA para colocarse en el nivel apropiado. Para hacer cita para una evaluación y orientación, llame al 986-5856 o al 986-5850.

La secuencia de las clases es la siguiente:

	Conversación (40's)	Lectura (50's)	Gramática/Escritura (60's)	Vocabulario
Nivel 1	ESL/ENGL40	ESL/ENGL50	ESL/ENGL60	ENGL30A,30B
Nivel 2	ESL/ENGL42	ESL/ENGL52	ESL/ENGL62	ENGL30C
Nivel 3	ESL/ENGL44	ESL/ENGL54	ESL/ENGL64	ENGL30V,30S
Nivel 4	ESL/ENGL44	ESL/ENGL56	ESL/ENGL66	ENGL80
Clases no consideradas Inglés Como Segundo Idioma	SPCH108	ENGL95	ENGL68	ENGL30's
			ENGL140 ENGL96	ENGL90

CONVERSACION:

ESLR040 Conversación en Inglés 1/English Conversation 1
ESLR042 Conversación en Inglés 2/English Conversation 2
ESLR044 Conversación en Inglés 3/English Conversation 3

LECTURA:

ESLR050 Lectura 1/Reading Skills 1
ESLR052 Lectura 2/Reading Skills 2
ESLR054 Lectura 3/Reading Skills 3
ESLR056 Lectura 4/Reading Skills 4

GRAMATICA Y ESCRITURA:

ESLR060 Gramática y Escritura 1/Grammar & Writing 1
ESLR062 Gramática y Escritura 2/Grammar & Writing 2
ESLR064 Gramática y Escritura 3/Grammar & Writing 3
ESLR066 Gramática y Escritura 4/Grammar & Writing 4

VOCABULARIO:

ENGLR030A Vocabulario Bilingüe 1/Bilingual Vocabulary 1
ENGLR030B Vocabulario Bilingüe 2/Bilingual Vocabulary 2
ENGLR030C Vocabulario Bilingüe 3/Bilingual Vocabulary 3
ENGLR030V Vocabulario/Vocabulary
ENGLR030S Ortografía/Spelling
ENGLR080 Desarrollo de Vocabulario/Developmental Vocabulary

Personal bilingüe que pueden ayudar a los estudiantes con la inscripción. Además, hay consejeros que pueden recomendar un programa de estudios apropiado.

Cursos generalmente enseñados de una manera bilingüe son:

AB R001-4 unidades

Introducción a la Carrocería (Nivel 2+)

Los principios de reparación de carrocería de autos, incluye soldadura eléctrica y oxiacetilénica, preparación y acabamiento de metal, uso de llenadores, lijar, encubierto, y técnicas de impresión y pintura. (2)

AB R002-4 unidades

Clase Intermedia de Carrocería (Nivel 2+)

Problemas especiales en la reparación de la carrocería de autos; uso de técnicas avanzadas con materiales tales como acero, aluminio y plástico. Métodos especiales de pintura. (2)

AT R010-3 unidades

Fundamentos de Mecánica Automotriz (Nivel 3+)

Un estudio general de la estructura del automóvil incluyendo los sistemas, principios de operaciones básicas, y los procedimientos de reparaciones, sistemas de encendido tales como cargadores, manubrios, sistemas de enfriamiento, combustible, lubricación frenos, y terminación frontal.

AT R014-4 unidades

Reparación de Frenos y Tren Delantero (Nivel 1+)

Se enseña la técnica para el servicio de sistemas de frenos convencionales y de disco, teoría necesaria y experiencia práctica para realizar reparaciones de la suspensión del tren delantero, alineamiento, y balanceamiento de llantas.

EL R010-4 unidades

Ensamble Electrónico (Nivel 1+)

En este curso se estudia el ensamble electrónico incluyendo esquemas, preparación de componentes, técnicas de soldadura, reconstrucción de tablas PC, enrollado de alambre, especificaciones militares. El curso se puede repetir una vez.

EL R012-4 unidades

Reparación de Equipo Electrónico Pequeño (Nivel 1+)

Teoría y prueba de estéreos de alta fidelidad, radios AM/FM, tocacintas y discos compactos. Énfasis se da a los métodos de seguridad y del uso de equipo y herramienta. Estudio de configuraciones y circuitos comunes, ajuste, rastreo de señales, análisis de problemas, reparación de producción.

EL R050-3 unidades

Introducción a la Electrónica Industrial (Nivel 1+)

Este curso cubre la teoría del electrón, ley de Ohmio, circuitos paralelos y de serie, medidores, conductores, aislantes, resistores y semiconductores.

EL R052-4 unidades

Electrónica Industrial (Nivel 1+)

El curso incluye aplicación de la electrónica en la industria y fábricas. Se estudiará control numérico, detector de calor y sistemas de encendido.

ENGL R030EV ABC-1-1-1 unidades

Vocabulario Bilingüe (Niveles 1, 2, 3)

Un curso de laboratorio diseñado para aprender vocabulario básico en inglés. La parte A del curso es una introducción a palabras básicas en inglés. La parte B introduce el vocabulario en una oración sencilla. La parte C utiliza oraciones en inglés más avanzadas para presentar el vocabulario. El estudiante trabaja independientemente con tarjetas grabadas en inglés con traducciones en español. Es necesario seguir la secuencia del curso empezando con la parte A, siguiendo con la parte B, y terminar con la parte C, ya que las palabras y oraciones aumentan en dificultad.

MATH R009-3 unidades

Fundamentos de la Aritmética (Nivel 1)

Repaso de operaciones básicas de matemáticas y de los procesos fundamentales como la aplicación de los números enteros, quebrados comunes, decimales y el porcentaje; énfasis en el entendimiento de la aritmética y los procesos matemáticos.

MATH R011-5 unidades

Algebra Elemental (Nivel 2)

Primer curso de álgebra. Operaciones con cómputo de números, integrales, ratios de números reales, ecuaciones lineales: graficado de líneas, parámetros, proporciones y variaciones; operaciones con radicales y exponentes. Esta clase se puede tomar por Crédito/No Crédito.

PG R101AB-3 unidades

Planificación de Vida y Carrera (Nivel 2)

Ayuda al estudiante a examinar los componentes en escoger una carrera. Enfoca en los conocimientos personales, educacionales, y operaciones para distintas carreras. Habilidades de planificación y exámenes que exploran sus habilidades para diferentes carreras, les ayudan a identificar varias posibilidades.

PE R124-1 1/2 unidades

Baile Folklórico Mexicano

Conocimiento histórico y habilidades básicas de bailables y música folklórica Mexicana.

SPAN R105-R106 -5 unidades

Español para el Hispanohablante

Primer año de español para hispanos. Énfasis en el desarrollo y uso correcto del vocabulario hablado y escrito; incluyendo el estudio de los principios básicos de la gramática. El perfeccionamiento de las habilidades de comprensión, lectura, escritura, y prosodia en el español se optimiza por medio de la secuencia continua de estas clases. Las lecturas de temas culturales de estas clases estimulan la escritura y lectura en español.

SPAN R107-3 unidades

Cultura y Civilización Hispánica

Lecturas y discusiones en español sobre civilización y cultura de los países hispánicos; diseñados para mantener las habilidades de comunicarse en español y para dar una educación en el arte, la historia, la música, la literatura, las costumbres, y las tradiciones de la gente hispanohablante.

SPAN R108-5 unidades

Gramática Española y Composición

Este curso presenta de manera lógica y sistemática el lenguaje español para darle al estudiante avanzado el conocimiento de la gramática y la terminología contemporánea del español. Expone al estudiante a una variedad de estilos literarios y autores mediante la lectura y análisis de diversas obras y antologías literarias de la cultura hispano-americana, para el enriquecimiento cultural del estudiante.

SPAN R117-3 unidades

Literatura Hispanoamericana

Perspectiva de la literatura hispanoamericana en un semestre; entre otros generos: el cuento, la novela, ensayo y poesía. Estudio de las obras más representativas de los escritores hispanoamericanos en forma breve. Estimulantes discusiones, lecturas y taller de escritura creativa son parte de esta clase.

Servicios Financieros

El estudiante que duda poder asistir al colegio por el alto costo de la educación, encontrará que en la oficina de Servicio Financiero tiene un amigo dispuesto a ayudar. Esta oficina tiene una variedad de ayuda financiera con el propósito de asistir a los estudiantes con los gastos que ocasiona esta educación.

Los siguientes ejemplos indican cómo esta oficina ayuda a los estudiantes: tenemos becas del gobierno federal, préstamos, trabajo, y colocación en empleos.

Pensiones del Gobierno Federal

PELL Grant, Oportunidad Educacional Suplemental Federal (FSEOG); Servicio y Programas de Oportunidad Extensa (EOPS); cada una de estas becas requiere que el estudiante se inscriba con un mínimo de unidades. Las becas y oportunidades de trabajar siendo estudiante, están a la disposición de cualquier estudiantes por medio de una solicitud que establezca su necesidad. Una vez aprobada la solicitud, el alumno debe mantener las normas de progreso académico para poder recibir esos beneficios.

Programa Federal Trabajo/Estudio

Los estudiantes que califiquen para recibir fondos de este programa federal obtendrán empleo por medio de la Oficina de Empleos y Trabajos. Se les permitirá trabajar 20 horas como máximo a la semana, con un sueldo mínimo conforme a las normas establecidas por VCCCD.

Becas

El programa de becas en el colegio consiste en becas consolidadas por medio de transacciones entre OC y donadores privados, y las becas que provienen de organizaciones locales en la comunidad. Aunque se toma en consideración la situación económica del estudiante, es necesario enfatizar que la elegibilidad se establece por medio de la habilidad del estudiante para satisfacer los requisitos académicos y otros estipulados por los patrocinadores de las becas.

El programa de becas se dirige por parte del Centro de Carreras. Detalles específicos acerca de elegibilidad y procedimientos para aplicaciones se les provee en el folleto de becas del Colegio de Oxnard.

Centro de Salud/Seguro de Accidente

Edificio de Servicios Estudiantiles, (805) 986-5832

Lunes y Miércoles: 8 a.m. - 4 p.m.

Martes y Jueves: 8 a.m. - 8 p.m.

Viernes: 8 a.m. - 12 p.m.

Lláme para hacer una cita.

La cuota de salud que se le requiere pagar cuando se registra le dispone todos los servicios y programas del Centro de Salud Estudiantil. También le provee un seguro de accidente mientras está en el colegio.

El Centro de Salud (Enfermería), se encuentra en el edificio de Servicios para Estudiantes; provee múltiples servicios para la salud y cuando sea necesario, se darán recomendaciones para obtener servicios médicos fuera del colegio en la comunidad médica.

Los servicios que se prestan incluyen: primeros auxilios, examen y tratamiento de enfermedades, planificación familiar, pruebas de embarazo, exámenes de la vista y oídos, presión arterial, enfermedades venéreas, cáncer, tuberculosis e inmunizaciones contra el tétano. Otros servicios son: información sobre el abuso de drogas y alcohol, consejeros y conferencias. Los servicios de doctor, especialista de salud para mujeres, dermatólogo, psicóloga y enfermeras se obtienen con osin cita.

Todo estudiante matriculado tiene derecho a estos servicios.

Citas con un psicólogo son disponibles por parte del Centro de Salud. Llame para hacer una cita si tiene preocupaciones que están interfiriendo con sus metas académicas.

El horario para los servicios profesionales varía cada semestre e incluye horas por las tardes. Por favor consulte el folleto del Centro de Salud Estudiantil para los horarios específicos. Para ayuda rápida, se le recomienda hacer una cita.

Programa para Estudiantes Internacionales

El objetivo de este programa es el de ayudar a los estudiantes con visas internacionales, a realizar sus aspiraciones personales y metas educativas mientras se familiarizan con las costumbres norteamericanas mientras asisten al Colegio de Oxnard. Una sesión especial es provista al principio de cada semestre para familiarizar a los estudiantes internacionales con los servicios del colegio y así como también con los reglamentos locales y leyes del estado y los requisitos federales de las leyes del departamento de servicios de inmigración (INS).

La oficina de este programa está localizada en el edificio LRC, contiguo a la oficina de Admisión y Registro escolar. El programa es responsable de preparar las formas de inmigración I-20AB, necesarias para quienes son estudiantes extranjeros. Quienes poseen una visa F-1 deben verificar su permiso en esta oficina antes de proceder a su inscripción.

El programa le puede asistir con información para obtener hospedaje; así como también, le ofrece ayuda en la preparación de otras formas necesarias.

Empleos para Estudiantes

La oficina de empleos para estudiantes asiste en la búsqueda de trabajos de medio turno (part-time), y turno completo (full-time), con énfasis especial en colocar al estudiante en una posición de acuerdo a su experiencia o preparación. Esta oficina mantiene listas de empleos dentro y fuera del colegio, también con realción a empleos relacionados con su carrera tal como investigación de trabajos, escribir un resumen de empleo y habilidades de buscar empleo. La oficina de empleos también provee materiales de información para ayudar en decisiones personales. Estas incluyen inventarios de intereses, indicadores de tipo de personalidades y el "SIGI" mas el programa de computadoras apreciando información de más de 400 ocupaciones. Estos servicios están también a la disposición de los estudiantes graduados.

Programa Puente

Este programa tiene el propósito de ayudar a los estudiantes México-Americanos/Latinos a tener éxito en el Colegio de Oxnard y a transferirse a una universidad mediante un programa escritura/asesoría/tutela. El programa Puente provee instrucción intensiva en la escritura con asesoría personalizada por el propio consejero del programa, al mismo tiempo de una relación individual con un mentor México-Americano de éxito en la comunidad. El consejero observa el progreso académico y la asesoría del estudiante, facilita las clases de desarrollo de la personalidad y trabaja con los estudiantes para establecer metas en la preparación de los cursos de transferencia a las carreras universitarias.

El programa Puente es una oportunidad para que el México-Americano incremente su sentido de identidad cultural por medio de las experiencias a base de su herencia evolucionaria. Los estudiantes tienen la oportunidad de participar en eventos culturales y de visitar las universidades; así como, atender a museos y presentaciones culturales.

Centro de Re-Ingreso

El enfoque principal del Centro de Re-Ingreso es dar apoyo a individuos quienes han regresado a la escuela después de una interrupción en sus estudios. El Centro provee asesoría académica, de carrera y personal individualmente o en grupo, talleres, lecturas, filmas, e información en cuidado de niños, carreras, y desarrollo personal.

Beneficios para Veteranos

El Acta de Re-ajustamiento para veteranos de 1966 (PL 89-358) estipula que los veteranos que estuvieron en servicio militar por un periodo de más de 180 días, tendrán derecho a una pensión educativa mensual. La pensión se paga a base de 12 unidades, 9 unidades, o 6 unidades.

El Colegio de Oxnard acepta que los veteranos obtengan este crédito por medio de otras instituciones por experiencia militar.

Según el reglamento de la Administración de Veteranos, un estudiante que repite un curso no puede obtener los beneficios de VA en la mayoría de los casos. Los veteranos deben consultar con un consejero o con la Oficina de Administración antes de repetir un curso.

Organizaciones y Actividades Estudiantiles

La Asociación de estudiantes del Colegio de Oxnard (ASOC) fue fundada en 1975. Esta asociación tiene una gran responsabilidad con los estudiantes en general, clubs, y otras organizaciones.

El propósito de la asociación está en completa armonía con los objetivos del colegio, por ejemplo, oportunidades para el desarrollo personal y enriquecimiento educacional, liderazgo, y cooperación entre grupos.

Ser representante de ASOC exige un gran esfuerzo, pero da mucha satisfacción.

Las elecciones son dos veces por año, en el otoño y en la primavera. El término de cada puesto es por todo el año académico. Para correr para la candidatura, el estudiante puede conseguir una forma en la oficina de Actividades Estudiantiles. Para ser elegible como candidato, el estudiante debe tener un promedio de 2.5 o mejor y mantener este promedio durante su puesto. Cinco unidades es el requisito mínimo para correr para senador y oficial de relaciones públicas, y un mínimo de seis unidades es requerido para correr para presidente, vice-presidente, secretario o tesorero.

Se les invita a todos los estudiantes a participar en las actividades que elijan ya sea el gobierno estudiantil, eventos musicales, atletismo, o actividades de los clubs.

Actividades Estudiantiles

La Oficina de Actividades Estudiantiles está localizada en el Centro Estudiantil. Este programa es designado para asistir a estudiantes en el desarrollo de sus habilidades como líderes y para el enriquecimiento de su experiencia educacional.

Las actividades incluyen: gobierno estudiantil, clubs y organizaciones, ferias, pláticas, y otros eventos. A los estudiantes regulares y de nuevo ingreso se les invita a participar en cualquiera de nuestras muy diversas actividades. Además de recibir cualquier idea o proyecto de interés que incite a la participación de nuevos miembros.

El personal de la Oficina de Actividades Estudiantiles funciona de lunes a viernes para ayudar a los estudiantes con información acerca de la formación de clubs o de unirse a los ya existentes. El programa presta también información de servicio habitacional con tarjetas actualizadas que proveen individuos buscando este servicio.

Atletismo

"Los Cóndores" del colegio compiten en la Conferencia Oeste del estado. Existen equipos para varones de balompié, baloncesto, béisbol, atletismo y maratón. Las mujeres compiten en balompié, baloncesto, maratón y atletismo.

Los estudiantes que participan en atletismo deben estar inscritos en clases que sumen un total de 12 unidades o más durante la temporada en que estén jugando un deporte y deben mantener un promedio de 2.0. Deben completar un total de 24 unidades o más antes del comienzo del semestre de la segunda temporada en que participen. Se requiere que todos los estudiantes firmen un contrato académico estipulando las clases que estudian mientras asisten al colegio de Oxnard.

Drama

El departamento de artes teatrales introduce a los estudiantes a las bellas artes enfatizando aprecio y dedicación. Dentro de los cursos del currículo, material introductorio concerniente a la historia y al arte son balanceados con actuación y dirección para ayudar a los estudiantes a crear un cimiento sólido en el área de humanidades. Miembros del personal escenifican obras teatrales de un solo acto usando estudiantes como actores y directores, también producen videos de audición para el uso profesional y motivan a alumnos con talento a transferirse a diferentes universidades. Estudios de etnicidad en diversas áreas multi-culturales se enfatizan en este programa.

Publicaciones

El periódico "The Campus Observer" es una publicación la cual mantiene a la comunidad estudiantil informada acerca de las actividades y eventos que se realizan en el colegio. Este es publicado bi-mensualmente cada semestre por estudiantes de periodismo.

Centro de Transferencia

Los consejeros del Centro de Transferencia proveen asistencia a todo estudiante que planea transferirse a la universidad. Este centro provee información actualizada, material de referencia, catálogos de los colegios, solicitudes, y los servicios auxiliares necesarios para planificar y lograr una transición sin contratiempos entre las instituciones. Los estudiantes pueden entrevistarse con representantes de universidades que visitan este colegio por cita o sin ella. Las actividades del centro de transferencia son calendarizadas y distribuidas mensualmente por medio del "Calendario del Centro de Transferencia". El Centro de Transferencia está localizado en el edificio LRC.

Biblioteca

La colección y otras facilidades del colegio están organizadas para satisfacer las necesidades de instrucción de los estudiantes de nivel de colegio. La misma es un importante componente en el proceso educativo del colegio. El propósito primordial de la biblioteca es el de proveer material impreso, libros, panfletos, diarios, revistas y mapas que auxilien y suplementen la instrucción de las asignaturas.

La colección de la biblioteca consta de aproximadamente 30,000 volúmenes, los cuales están en proceso de ser automatizados. Disponible para estudiantes, facultad y la comunidad está el

Catálogo Interligent, un CD rom y otras herramientas electrónicas como el índice *Academic/Academic ASAP*, el índice de revistas y el banco de noticias del LA Times, y el periódico *Ethnic NewsWatch*. Además, la biblioteca cuenta también con: 152 títulos corrientes de periódicos (revistas, diarios, etc.) y varios títulos de periódicos en microfilme.

La colección de referencia de la biblioteca consta de material de investigación en forma de texto y en computadora en tecnología CD Rom tal como *SIRS/Government Reporter*, *Encyclopedia World Book*, *Discovering Authors*, *Politics in America*, y *Discovering Careers and Jobs*, así como de catálogos de colegios y universidades, panfletos y ejemplares en reserva. La biblioteca participa en el Intercambio Total Interbibliotecario (TIE) y el sistema de intercambio Oro Negro. Este servicio permite a los estudiantes el acceso a material de las otras dos bibliotecas del distrito y con las otras que participan de este sistema. Para mayor información sobre cualquier tema de referencia, consulte con el bibliotecario en turno.

El personal de la biblioteca está presto para asistirle en cualquier proyecto donde se requiera de orientación e información bibliográfica coleccionada en la biblioteca. Módulos para el estudio en forma individual y colectiva se han provisto en la biblioteca. Además de otros servicios como fotocopadoras y lectura de microfilmes.

Todo estudiante registrado en el colegio, los maestros y el personal activo puede hacer uso del material de la biblioteca. Los préstamos de la biblioteca son de un plazo no mayor de 3 semanas. El material en reserva está disponible en el mostrador de circulación a la entrada del edificio y se pide por el número de identificación que se le haya asignado.

El horario de servicio de la biblioteca para el semestre del otoño será de 8:00 a.m. a 9:00 p.m. de lunes, martes y jueves; miércoles de 8:00 a.m. a 10:00 p.m., y de 8:00 a.m. a 5:00 p.m. los viernes. El horario para el semestre de la primavera se anunciará después. Se les invita cordialmente a utilizar optimamente los servicios y facilidades disponibles en la biblioteca del Colegio de Oxnard.

Centro de Aprendizaje

El Centro de Aprendizaje está localizado en el segundo piso de la biblioteca del colegio y ofrece una gran variedad de servicios. Módulos de instrucción especializada están disponibles por crédito académico en una gran variedad de temas de habilidades como: lectura, escritura, ortografía, vocabulario, tomando notas, investigación bibliográfica, habilidades para el estudio e investigación para ensayos escritos. Los estudiantes con dificultades en las aptitudes para el aprendizaje pueden visitar y recibir informalmente ayuda académica o inscribirse en el módulo y recibir el crédito en el cual trabajen formalmente.

Una variedad de medios audiovisuales y materiales autodidácticos, están disponibles como suplemento a la instrucción de las clases y están disponibles para investigación personal. Si visita el Centro de Aprendizaje encontrará un enorme inventario de programas, libros, videos y audio-cassettes disponibles en una gama de disciplinas: geología, historia, biología, oceanografía, pedagogía, sociología, psicología, negocios, astronomía, etc.

Usted podría encontrar objetos de particular valor para suplementar sus estudios o alguna otra información valiosa para sus ensayos escritos.

El horario actual del Centro de Aprendizaje es igual al de la biblioteca. Vea la página 20 para más información. Visítenos y recuerde que con una cita previa podemos hacer los horarios necesarios para atenderles en grupo. Llame al 986-5900, ext. 1974 o 986-5839.

Servicio de Tutores

Los servicios de tutoría son gratuitos para los estudiantes del Colegio de Oxnard. Hay tutores disponibles para la mayoría de clases que se ofrecen en el colegio, por periodos cortos o todo el semestre. También hay tutoría disponibles sin necesidad de cita previa en algunas asignaturas. El Centro de Tutores se encuentra en el segundo piso de la biblioteca, al fondo del "Centro de Aprendizaje".

Estaremos encantados en ayudarlo. Los servicios de tutoría son gratuitos para los estudiantes del Colegio de Oxnard. Visitando el Centro de Tutoría le ayudará tener éxito en sus cursos. Visítenos!

Appendices

Appendix I Student Conduct Code Standards of Student Conduct

In joining the academic community, the student enjoys the right and shares the responsibility in exercising the freedom to learn. Like other members of the academic community, the students are expected to conduct themselves in accordance with standards of the college that are designed to perpetuate its educational purposes. Students shall respect and obey civil and criminal law, and shall be subject to legal penalties for violation of laws of the city, county, state, and nation. A charge of misconduct may be imposed upon a student for violating provisions of college regulations and the State Education and Administrative Codes. Where a student is subject to a charge of misconduct, such charge shall be processed in accordance with the following policies and procedures.

Disciplinary action may be imposed upon a student by an instructor, an administrator, or the governing Board for proven misconduct or actual violation of specified college rules and regulations. Instructors and administrators may place students on probation or temporary exclusion with respect to actions in a classroom, on campus, or at a college-sponsored activity within the procedures specified in this document. The Executive Vice President of Student Learning shall have the power to impose suspension and to recommend expulsion.

Students are subject to charges of misconduct for any of the following acts on college-owned or controlled property or at a college-sponsored activity:

1. Willful disobedience to directions of college officials acting in performance of their duties.
2. Violation of college rules and regulations including those concerning student organizations, the use of college facilities, or the time, place, and manner of public expression or distribution of materials.
3. Dishonesty, such as cheating, or knowingly furnishing false information to the college.
4. Unauthorized entry to or use of the college facilities.
5. Forgery, alteration, or misuse of college documents, records, or identification.
6. Obstruction or disruption of classes, administration, disciplinary procedures, or authorized college activities.
7. Theft of or damage to property or possession of stolen property belonging to the college, a member of the college community, or a campus visitor.
8. Disorderly, lewd, indecent, or offensive conduct.
9. Obscene, libelous or slanderous expression, or expression which so incites students as to create a clear and present danger of the commission of unlawful acts on the college's campus, the violation of lawful college regulations or the substantial disruption of the college's orderly operation.
10. Assault or battery, abuse, or any threat of force or violence directed toward any member of the college community or campus visitor engaged in authorized activities.
11. Use, possession, distribution of alcoholic beverages, narcotics, hallucinogenic drugs, marijuana, or other dangerous drugs; or presence on campus while under the influence of alcoholic beverages, narcotics, hallucinogenic drugs, marijuana, or other dangerous drugs, except as expressly permitted by law.

12. Possession, while on the college campus or at an on- or off-campus college-sponsored function, of any of the following weapons (except persons given permission by the college President or his/her designated representatives or member of the law enforcement agencies, as police officers): any instrument or weapon of the kind commonly known as black-jack, sling shot, fire bomb, billy club, sandclub, sandbag, metal knuckles; any dirk, dagger, firearm (loaded or unloaded) as pistol, revolver, rifle, etc.; any knife having a blade longer than five inches, any switchblade longer than two inches; any razor with an unguarded blade; any metal pipe or bar used or intended to be used as a club; or any item to threaten bodily harm.

Appendix II Student Conduct—Disciplinary Action

Student conduct must conform to the Student Rules of Conduct established by the Governing Board of Trustees of the Ventura County Community College District in collaboration with college administrators and students. Violations of such rules are subject to the following types of disciplinary actions, which are to be administered by appropriate college authorities against students who stand in violation. The Ventura County Community College District has established due process for the administration of the penalties enumerated here. Penalties are listed in degrees of severity. College authorities will determine the appropriate penalty(ies):

Warning*—notice to the student that continuation or repetition of specified conduct may be cause for other disciplinary action.

Reprimand*—Written reprimand for violation of specified rules. A reprimand serves to place on record that a student's conduct in a specific instance does not meet the standards expected at the college.

A person receiving a reprimand is notified that this is a warning that continued conduct of the type described in the reprimand may result in a formal action against the student.

*Warnings and reprimands may be appealed directly to the President. They are not subject to a student conduct hearing.

Disciplinary Probation—Exclusion from participation in privileges or extracurricular college activities set forth in the notice of disciplinary probation involves notification in writing of the reason for disciplinary probation to the student(s) or the president of the student organization involved.

Restitution—Reimbursement for damage or for misappropriation of property. Reimbursement may take the form of appropriate service or repair or otherwise compensate for damage.

Summary Suspension—A summary suspension is for purposes of investigation. It is a means of relieving the tension of the student body or individual class due to a serious infraction of student behavior standards, removing a threat to the well-being of the students, or removing for the good order of the college a student or students whose presence would prevent the continued normal conduct of the academic community. Summary suspension is limited to that period of time necessary to ensure that the purpose of the summary suspension is accomplished and in any case, no more than a maximum of five school days. Summary suspension is a type of suspension other than that ordinarily invoked by the instructor for disciplinary reasons in the classroom. The college President, Executive Vice President of Student Learning, or other staff member designated by the President may summarily suspend a student when he deems it necessary for the safety and welfare of the college.

Disciplinary Suspension—Disciplinary suspension follows a hearing based on due process. It shall be invoked by the college President, appropriate administrator, or other staff member designated by the President, upon the student for misconduct when other corrective measures have failed or when the seriousness of the situation warrants such action.

Expulsion—An expulsion is a long-term or permanent denial of class attendance including all campus privileges. The Governing Board may expel a student who has been convicted of a crime arising out of a campus disturbance, or who, after a hearing by a campus body, has been found to have willfully disrupted the orderly operation of the campus.

Appendix III

Student Conduct—Due Process

A. Preliminary Action

1. The Executive Vice President of Student Learning shall receive and may issue any charge of alleged misconduct made against a student by another student, faculty member, administrator, or classified personnel. Such person shall sign and submit a written statement specifying the time(s), place(s), and nature of the alleged misconduct.
2. The Executive Vice President of Student Learning shall confer with the student to advise of the charge, possible sanctions upon him/her, and his/her rights under college regulations and state and federal laws.
3. The Executive Vice President of Student Learning may also procure information relating to the charge from the student and other persons or sources. Whenever appropriate, the Executive Vice President of Student Learning shall assess, or cause to have assessed, damage to property and injury to persons or other forms of misconduct.
4. At this point, the Executive Vice President of Student Learning may take any of the following actions:
 - a. Dismiss the charge for lack of merit.
 - b. Issue a warning or a letter of reprimand.
 - c. Place the student on disciplinary probation, require restitution, place on summary or disciplinary suspension.
 - d. Recommend expulsion,
 - e. Remand the case to a Student Conduct Hearing.
5. At this point, if the student does not accept the decision of the Executive Vice President of Student Learning, the Executive Vice President of Student Learning shall arrange for a meeting of the Student Conduct Hearing Committee, following the procedures outlined in Sections B and C of this document.

B. Composition of Student Conduct Hearing Committee

1. The Student Conduct Hearing Committee, hereafter referred to as the Hearing Committee, shall be set up as follows:
 - a. One student, one faculty member, and one administrator (other than the Executive Vice President of Student Learning and his/her immediate staff). These persons are appointed by the college President.
 - b. The President shall designate the chairperson of the Hearing Committee.
 - c. A minimum of one Hearing Committee shall be selected annually.
 - d. Upon notification of the Hearing Committee composition, each party is allowed one peremptory challenge, excluding the chairperson.
 - e. A quorum shall consist of all three members of the Hearing Committee.
 - f. The chairperson will allow any proposed member of the Hearing Committee to decline participation in the hearing.

C. Formal Hearing Procedures

1. A hearing will be called by the chairperson within 15 working days of receipt of the Executive Vice President of Student Learning's request.
2. Both parties will be asked to attend the hearing and will be given sufficient notice in writing as to the time and place. Notice shall be given by certified mail at least five working days prior to the hearing date.
3. At the time of the hearing, the chairperson shall state the charge. The committee shall hear testimony, examine witnesses, and receive all evidence pertaining to the charge.
4. Both parties shall have the right to present statements, testimony, evidence, and witnesses. Each party shall have the right to be represented by a single advisor but not a licensed attorney.
5. The accused person and/or representative may be present as well as the aggrieved person and/or his/her representative. No other persons except scheduled witnesses and the Hearing Committee members shall be present.
6. The person making the charge shall assume the burden of proof. The rule of confidentiality shall prevail at all stages of the hearing.
7. The Hearing Committee shall judge the relevancy and weight of testimony and evidence. It shall also make a recommendation for disposition of the charge to the college President. Actions in this procedure shall be completed within five working days.
8. The Hearing Committee shall submit its findings of fact and recommend action to both parties and to the President of the college. Upon receipt of the findings and recommendations, the President of the college shall:
 - a. Concur with the Hearing Committee's recommendation.
 - b. Not concur with the Hearing Committee's recommendation.
 - c. Take alternative action.
 - d. The college President shall state in writing the reasons for the action taken on the Hearing Committee's recommendations. The President shall act within 10 working days.
9. If either party does not agree with the decision of the college President at this time, an appeal may be made to the Chancellor of the Ventura County Community College District; if he/she is still dissatisfied with the decision, an appeal may be made to the Governing Board, who shall render the final decision.

Appendix IV

Student Conduct—Student Grievance

Purpose

Students are encouraged to pursue academic studies and other college-sponsored activities in order to promote intellectual growth and personal development. In seeking these ends, students should be free from improper interference by other members of the college community.

A grievance may be initiated by a student whenever the student believes that he/she has been subject to unjust actions or denied normal student rights as stipulated in college regulations and in the State Education and Administrative Codes. A grievance may be initiated by a student against any other student or any employee of the college.

Definition

A grievance is an allegation of unjust action or denial of student rights. A grievance exists only when a specific educational wrong has occurred to a single student. This wrong must involve an unjust action or denial of student rights as defined in a specified college, college district, or superior legal covenant or judgment. A grievance exists only when such an error or offense has some demonstrably correctable result. The outcome of a grievance must produce a tangible benefit to the student complaining or an actual redress of the wrong rather than a punishment for the person or persons found in error.

Procedures

A. Informal Processes: When a student believes that a personal injustice has been sustained, an attempt should first be made to resolve the concern by informal means. Consultation should be made with the student, faculty member, administrator, or classified person involved in order to seek direct resolution. If this process fails or, for some reason, cannot be accomplished, the aggrieved student should confer with the direct supervisor of the person allegedly causing the problem. If both of these steps are unsuccessful, the aggrieved student should discuss the problem with the Executive Vice President of Student Learning (for all programs and services controlled by this person) or the Vice President of College Services (for all other college programs and services).

B. Formal Processes: If the aggrieved student believes that the informal consultation processes mentioned in Section A have failed, the procedures and rules described below must be followed by both the student and the college. This process represents the formal grievance procedure of the college. However, the entire formal grievance process shall be discontinued at any time the parties can informally agree on a mutually satisfactory result. All formal records will be destroyed in this instance.

Resolution of grievances may not abrogate state or federal laws and applicable Board of Trustee rules and policies.

1. A college Grievance Committee shall be established by the college President at the opening of each academic year. This committee will be composed of one faculty member, one enrolled student, and one administrator. The chairperson will be designated by the President. Committee members are appointed by and serve at the pleasure of the President. If, in the judgment of either participant in a formal grievance or the President, a conflict of interest or bias exists with any committee member, that member will be excused and a substitute appointed for the case in question only.

A formal grievance must be filed with the Executive Vice President of Student Learning within 90 calendar days of the final event in a sequence of events, if any. The 90-day period shall commence on the day of the event or on the day of first knowledge of the event by the complaining party. Proof of the latter delayed date is the responsibility of the complaining party.

2. A formal grievance exists when the Executive Vice President of Student Learning receives a signed written charge specifying the time, place, and nature of the injury from the aggrieved student. This written charge should be dated and must be on behalf of an individual student only. Group or class action grievances are not permitted. This charge must also clearly specify the informal consultation attempts made and described in Section A.

3. The Executive Vice President of Student Learning will verify the completeness of the written charge and present the charge to the Grievance Committee within 10 working days of receipt.

4. The Grievance Committee will review the charges made in Section B2 within five working days and request a response in writing from the person accused. This person must reply within 10 working days. Upon receipt of this response, the committee shall meet and recommend to the President that (a) the case be dismissed, or (b) that reasonable cause for a hearing exists. This action must take place within five working days.

5. The President will then either dismiss the case with the reasons set out in writing to both parties or request that the Grievance Committee hold a formal hearing. The President must take this action within five working days of receipt from the committee (Section B4).

6. Formal hearing procedures:

a. A hearing will be called by the chairperson within 15 working days of receipt of the President's request (Section B5).

b. Both parties will be asked to attend the hearing and will be given sufficient notice in writing as to the time and place. Notice shall be given by certified mail at least five working days prior to the hearing date.

c. At the time of the hearing, the chairperson shall state the charge. The committee shall hear testimony, examine witnesses, and receive all evidence pertaining to the charge.

d. Both parties shall have the right to present statements, testimony, evidence, and witnesses. Each party shall have the right to be represented by a single advisor but not a licensed attorney.

e. The accused person and/or representative may be present as well as the aggrieved person and/or his/her representative. No other persons except scheduled single witnesses and the Grievance Committee members shall be present.

f. The person making the charge shall assume the burden of proof. The rule of confidentiality shall prevail at all stages of the hearing.

g. The committee shall judge the relevancy and weight of testimony and evidence. It shall make its findings on fact and limit its investigation to the formal charge. It shall also make a recommendation for disposition of the charge to the college President. Actions in this procedure shall be completed within five working days.

h. The committee shall submit its findings of fact and recommend action to both parties and to the President of the college. Upon receipt of the findings and recommendations, the President of the college shall:

(1) Concur with the committee's recommendation.

(2) Not concur with the committee's recommendation.

(3) Take alternative action.

(4) The college President shall state in writing the reasons for the action taken on the committee's recommendation. The President shall act within 10 working days.

i. If either party does not agree with the decision of the college President at this time, an appeal may be made to the Chancellor of the Ventura County Community College District; if he/she is still dissatisfied with the decision, an appeal may be made to the Board of Trustees which shall render the final decision. Appeals of the decision of the Chancellor must be made within 15 days of receipt of the result. Appeals to the Governing Board may be made only when all other steps in the procedure have been completed and when there is an identifiable remedy for the grievance. Appeals to the Governing Board shall be made in writing and shall specify exactly why the student feels the Governing Board should review the decision. If it is felt that the proper procedures were not

followed, then the appeal should specify what procedures were not properly followed and how the alleged errors affected the outcome. The Governing Board shall review the written records of the proceedings and any related materials. The Board may, after reviewing all materials, allow individuals to make statements to the Board or may request clarification of facts from the President or clarification regarding the committee's deliberations from the Grievance Committee chairperson.

- j. Records of all proceedings will be maintained by the college President in accordance with rules of confidentiality and board/state/federal laws, rules, regulations, and contracts. Insertion of information regarding a case in an employee's personnel record will only be made in compliance with board/state/federal laws, rules, regulations, and contracts.

Appendix V

Matriculation: Student Rights and Responsibilities

Student Responsibilities

- A. Express at least a broad educational intent upon admission.
- B. Declare a specific educational goal no later than the term after which you complete 15 semester units of degree applicable credit course work.
- C. Diligently attend class and complete assigned course work.
- D. Complete courses and maintain progress toward an educational goal; and
- E. Cooperate in the development of a student educational plan with the assistance of a counselor.

Student Rights

- A. Prerequisites or corequisites: Your rights entitle you to file a prerequisite/corequisite petition in the Counseling Office (LRC 22) to challenge any prerequisite or corequisite if you believe one of the following:
 - 1. You will be subject to undue delay in attaining the goal of your educational plan because the prerequisite or corequisite has not been made reasonably available.
 - 2. The prerequisite or corequisite is not valid because it is not necessary for success in the course for which it is required.
 - 3. The prerequisite or corequisite is unlawfully discriminatory or it is being applied in an unlawfully discriminatory manner.
 - 4. You have the knowledge or ability to succeed in the course despite not meeting the prerequisite or corequisite.
- B. Matriculation Procedure: You may also file a matriculation petition regarding the matriculation process in the Counseling Office (LRC 22). Grounds for that challenge include:
 - 1. Challenge any violation of the matriculation provisions which you believe has occurred.
 - 2. File a complaint if you believe that any matriculation practice has the purpose or effect of subjecting any person to unlawful discrimination.

In addition to the previous information, you have the right to discuss your placement recommendation. To review an English placement, meet with an advisor from the English department. To review a Math placement, meet with an advisor from the Math department.

Resolution of Complaints

Once a petition is received, the Matriculation Coordinator will convene a committee consisting of the Matriculation Coordinator and two members of the College Matriculation Committee. The committee will review the petition and provide written notification of any action to be taken to the student within five (5) working days. Students wishing to appeal the decision of this committee may do so by meeting with the Executive Vice President of Student Learning.

Appendix VI

Probation, Dismissal, and Readmission of Students

Probation, dismissal, and readmission policies and procedures are designed to assist students in making progress toward realistic academic, career, and personal goals.

Standards for Probation: A student who has attempted at least twelve (12) semester units as shown by the official academic record shall be placed on **academic probation**, if the student has earned a grade point average below 2.0 in all units which were graded on the basis of the grading scale established by the Ventura County Community College District.

A student who has enrolled in a total of at least twelve (12) semester units as shown by the official academic record shall be placed on **progress probation** when the percentage of all units in which the student has enrolled and for which entries of "W," "I," and "NC" are recorded reaches or exceeds fifty percent (50%).

A student transferring to a college of the Ventura County Community College District from another college is subject to the same probation and dismissal policies as students of this college district.

Notification of Probation: Each college in this district shall notify a student who is placed on probation at or near the beginning of the semester in which it will take effect but, in any case, no later than the start of the fall semester. The student grade report, provided for each enrolled student at the end of each term, specifies the student status for both academic and progress categories as either good standing or probation. A student placed on probation is, as a condition of continuing enrollment, to receive individual counseling, including the regulation of his or her academic program. Each student shall also receive any other support services to help the student overcome any academic difficulties.

Removal from Probation: A student on **academic probation** for a grade point deficiency shall be removed from probation when the student's cumulative grade point average is 2.0 or higher.

A student on **progress probation** because of an excess of units for which entries of "W," "I," and "NC" are recorded shall be removed from probation when the percentage of units in this category drops below fifty percent (50%).

Standards for Dismissal: A student who is on **academic probation** shall be dismissed if the student earned a cumulative grade point average of less than 1.75 in all units attempted in each of three consecutive semesters.

A student who has been placed on **progress probation** shall be subject to dismissal if the percentage of units in which the student has been enrolled and for which entries of "W," "I," and "NC" are recorded in at least three consecutive semesters reaches or exceeds fifty percent (50%).

Notification of Dismissal: Each college in the Ventura County Community College District shall notify a student who is dismissed at or near the beginning of the semester in which it will take effect but, in any case, no later than the start of the fall semester. The student grade report, issued for each student at the end of each term, specifies the student status for both academic and progress categories as either good standing or dismissed. A student who is dismissed has the right of appeal. An exception to academic dismissal may be made only in the event of extreme and unusual medical and/or legal circumstances that can be supported by evidence provided by the student, or in the event of improved scholarship. The petition for this purpose, petition for continued enrollment or readmission, is available in the Counseling Office.

Continued Enrollment or Readmission: A student applying for continued enrollment or readmission must submit a petition to explain what circumstances or conditions would justify continued enrollment or readmission. A student applying for readmission shall not be reinstated until a minimum of one semester has elapsed after academic dismissal. A student who is petitioning shall receive counseling to assess his or her academic and career goals and must have counselor approval of his or her educational program prior to registration. The petition for this purpose, petition for continued enrollment or readmission, is available in the Counseling Office.

Cheating or Plagiarism: Instructors have the responsibility and authority for dealing with any cheating or plagiarism which may occur in their classes. It is the policy of the Ventura County Community College District that the instructor may dismiss a student involved in such dishonest behavior from class with a grade of "F." In addition, the faculty member may direct the matter to the Executive Vice President of Student Learning for further disciplinary action.

Course Repetition: A course in which a grade of C or better has been earned may not be repeated except as identified in the catalog course description. Courses taken at any college in which a grade of D, F, NC, or other substandard grade has been earned may be repeated for the purpose of improving a recorded grade. This policy may apply more than once to a particular course. A course taken at another institution, in which a substandard grade was earned may be repeated at the colleges of the Ventura County Community College District, subject to this policy. In order to identify acceptable equivalencies, course equivalency shall be determined chiefly by content, as defined in the catalog course description, and not by title or units. Prior approval for course repetition shall be required. The petition for this purpose, "Petition for Course Repetition," is available in the Counseling Office.

Upon completion of the repeated course, the previous grade earned shall be omitted from the computation of the cumulative grade point average, an "E" appears on the permanent record. The permanent record shall be annotated in such a manner that all work remains legible, ensuring a true and complete academic history.

Students should understand that other colleges or universities may not accept credit for work which represents a repetition of high school work. In addition, there is no assurance that repeated courses resulting in an improvement in grade will be accepted by other colleges or universities.

Academic Renewal without Course Repetition: Students may petition to have a portion of previous college work disregarded in meeting academic requirements in the colleges of the Ventura County Community College District. Academic renewal is intended to facilitate the completion of requirements necessary for an academic degree or certificate.

A student may petition, once only, to eliminate grade point calculations and credits from selected portions of previous college work which is not reflective of the student's present demonstrated ability and level of performance. The student may petition for academic renewal to disregard previous substandard college work by selecting one of the following options: (1) Disregard a maximum of 15 semester units of any courses with less than a C or equivalent grade taken during any two terms, not necessarily consecutively; or (2) Disregard all courses from two consecutive semesters (one summer or inter-session may be regarded as equivalent to one semester at the student's discretion). Courses and units taken at any institution may be disregarded.

Academic renewal may be granted only to a student who: is currently enrolled in at least one credit course in the college; has completed at least 12 units in the colleges of the Ventura County Community College District; has submitted transcripts of all college work; has waited two years since the course work to be disregarded was completed; and, has subsequently completed at least 30 semester units with a minimum 2.40 grade point average.

The colleges of the Ventura County Community College District will honor similar actions by other accredited colleges and universities in determining grade point averages and credits. The petition for this purpose, "Petition for Academic Renewal," is available in the Counseling Office. Upon granting the petition for academic renewal, the student's permanent record shall be annotated in such a manner that all work remains legible, ensuring a true and complete academic history.

The student should be aware that other colleges or universities may have different policies concerning academic renewal and may not honor this policy.

Appendix VII

Auditing Policy

In accordance with Section 72252.3 of the Education Code, students enrolled in classes to receive ten or more semester units shall be allowed to audit three or fewer semester units with a fee for auditing of \$15.00 per unit per semester. As required by section (d), priority in class enrollment shall be given to students desiring to take the course for credit towards a certificate or degree. Therefore, a student wishing to audit may register for classes in audit status by special petition only in the last two days of the add/drop period. This petition requires permission of the instructor. Laboratory classes are not normally available for audit. In accordance with this section (c) of this statute, no student auditing a course shall be permitted to change his or her enrollment in that course to receive credit for the course.

Student auditing a course are not permitted to take exams in class, nor are they permitted to challenge the course at a later date. Instructors are under no obligation to grade assignments of students auditing a course. Attendance requirements for student auditing courses are the same as for all other students as stated in the college catalogs.

Appendix VIII

Course Repetition Policy

In accordance with Section 58162 of Title 5, Ventura County Community College District will permit students to take certain identified courses up to a maximum of four times under the following conditions:

1. The Governing Board has approved the number of times the course may be repeated.
2. The course is designated in the catalog as repeatable.
3. The course outline is such that the course content is different each time it is offered.
4. Students gain an expanded educational experience for one of the two following experiences:
 - a. Skills or proficiencies are enhanced by supervised repetition and practice within class periods, or
 - b. Active participatory experience in individual study or group assignments is the basic means by which learning objectives are obtained.
5. Skill areas and courses within that skill have been identified by faculty within the discipline and approved by the campus curriculum committees. Final approval of skill areas will be by the Ventura County Community College District Chancellor's Cabinet.

6. The college will insure that each skill area is identified and the courses contained therein properly "clustered" in the computer so that students will not be able to repeat courses in that skill area more times than permitted.
7. Each college will at appropriate times, utilizing the software developed for that purpose, further monitor course repetition by running a list of those who are enrolled in a course for which they have used all allowable repetitions. The college shall then take appropriate action to remove any such students from those courses.
8. In the event that an ineligible enrollment is discovered after census data, the college will take steps to insure that no attendance is reported to the state for ADA purposes. Furthermore, no positive attendance is to be reported for ineligible enrollments.

Appendix IX

International Students

I. Definitions

- A. An international student is a person enrolled at one of the District colleges who is a permanent resident of another country and is in the U.S. on a visa. People with B-2 visitor's visas are also considered to be international students, but cannot take more than 11.5 units (considered by Immigration to be part-time) unless they apply to change their visa status to F-1 (which can be done through the International Student Office).
- B. People who have other types of visas may be eligible for admission as regular students, resident or nonresident, depending on their visa types.
 1. People having the following visa types may establish residency:
 - A-1 to A-3
 - E-1, E-2
 - G-1 to G-3
 - H-1 (also known as H-1B), H-4
 - I
 - K-1, K-2
 - L-1, L-2
 - O-1, O-3
 - R
 - TC
 2. Aliens holding any visa types other than those above are precluded from establishing residency in the United States.
 3. Those holding Resident Immigrant visas are not considered to be international students. They are residents with all the privileges and responsibilities of other residents.
- C. International students enrolled with F-1 student visas are required to be full-time students (12 units).

II. Limitations on Enrollments (F-1 visa only)

- A. Due to the district's limited financial resources and space, and due to the special educational needs of international students, the Ventura County Community College District reserves the right to limit the number of international students (F-1 visa) admitted each year.
- B. In order to foster cultural exchange, the district encourages ethnic and national diversity among the international students admitted.

III. Admission Requirements (F-1 visa only)

- Prior to the completion of the registration process, international students must follow the procedure outlined below:
- A. Submit a completed International Student Application form, along with the required \$50 processing fee. International students must declare a major course of study.
 - B. Provide evidence of adequate proficiency in the use of English. Where English was not the language in which their education was earned, a TOEFL score (Test of English as a Foreign Language) of 450/133 or more must be submitted or other satisfactory evidence of English level.

For information regarding the TOEFL test, students are advised to write to:
 Educational Testing Service
 P. O. Box 6151
 Princeton, NJ 08541-6151 or
 email: toefl@ets.org or
 website: <http://www.toefl.org> or <http://www.ets.org>.

- C. Submit a bank statement that verifies financial capability for the costs of attending college.
- D. Before registration is validated, international students must pay the entire nonresident tuition fee and the state enrollment fees for the semester.
- E. Provide officially-translated transcripts, in English, from high schools and colleges previously attended. In general, it is expected that applicants will have completed high school with a satisfactory academic record.
- F. Submit proof of freedom from tuberculosis in the form of either a negative Mantoux skin test or results of an X-ray which show freedom from tuberculosis, along with a signed health report verifying you are free from communicable disease and in general good health as well as your immunization record.
- G. International students are required to provide proof of major medical insurance coverage. If needed, the college can provide information on policies available to them.

IV. Permission to Work

According to Immigration policy, international students may not work during their first nine months of study (or two regular semesters), other than 20 hours per week on campus. After the first nine months of study, under certain conditions, they may apply for work through the International Student Office. This Office will prepare the forms and submit them to Immigration. At no time, other than vacation periods, is a student allowed to work more than 20 hours per week either on or off campus, except through special emergency measures enacted from time to time by Immigration & Naturalization or at the end of their program of study if they apply for Optional Practical Training.

Appendix X

Student Health Services

The Governing Board hereby establishes a program of student health supervision and services. This action is taken pursuant to California Administrative Code, title 5, Sections 54702 through 54742. The program provides for the operation of student health centers wherein enrolled students of the district's colleges and other persons expressly authorized by the Governing Board may be diagnosed and treated. The Governing Board will annually determine the amount of the fee to be assessed for such services.

A plan for student health services in the Ventura County Community College District follows (in compliance with CAC, Title 5, Section 54710). This plan is facilitated on each campus through the Dean of Student Services and the coordinator of Student Health Services. The district may also employ health aides, physicians, and other health workers as provided by law, budget and need.

Student Health Services Plan

Statement of Purpose

To strengthen the educational process through the maintenance and improvement of the health status of students in accordance with state mandates and district policies. The major focus of student Health Services is the prevention of illness and disability and the early detection and correction of health problems.

Health Coordinator

The Health Coordinator is especially prepared and uniquely qualified in preventive health, health assessment, and referral procedures. (Education Code 49426, school nurses; qualifications and services.)

Diligent Care

The Health Coordinator is responsible for the implementation of all campus medical emergency and first aid procedures and the rendering of first aid in case of accident or illness.

Health Guidance

The Health Coordinator provides leadership which directs and guides the course of action for the total college student health program. The coordinator assists students in obtaining and maintaining a high level of wellness via workshops, appropriate referrals, and other supportive services including individual health counseling.

Health Protection and Environmental Health and Safety

The Health Coordinator works toward the prevention of illness, protects the college environment from diseases, and attempts to avoid costly remedial medical interventions. Health hazards as they appear on accident reports or by observation are reported for corrective action. Immunizations (e.g., tetanus, flu) are administered. Coordination with County Public Health Department is on a regular basis. TB testing is routinely done.

Appraisal and Limited Treatment

The Student Health Center provides quality on-campus outpatient services to all registered students and other persons expressly authorized by the Governing Board. Health education and health counseling is a constant theme which extends throughout the system. A college physician and nurse practitioner may be employed for a limited number of weekly hours.

Certain laboratory tests and prescription medicines are available on campus at a reduced cost, while blood tests are sent out to a laboratory for analysis. X-rays and mammograms are handled by referral.

Referrals

The Health Coordinator provides liaison between students, college, and community health resources and continually seeks to improve channels of communication.

Health and Accident Insurance Plans

The Student Health Fee provides for low-cost, yet significant, student accident insurance for all students at no cost to the district. The Health Center reports and maintains accident records of all student injuries and attempts to advise and eliminate causal conditions, whenever possible.

Crisis Intervention

The Student Health Center offers psychological counseling and referral to external agencies. They offer a mental health program to facilitate normal psychological growth, and to maximize academic functioning and consistent school attendance.

Dissemination of Information

The presence of the Student Health Center and its functions is published through booklets, campus newspaper, and schedule of classes.

Emergency Disaster Plan

The Student Health Center is designated to act as first aid station. The disaster plan is actually the responsibility of the college administration since it involves total college staff, management, faculty, and facilities in the event of fire, earthquake, nuclear fallout, mudslides, and other natural disasters.

The Student Health Centers are maintained through the assessment of a student health fee.

Appendix XI

Privacy Rights Governing Student Records

Pursuant to the Federal Educational Rights and Privacy Act, the California Education code, and the California Administrative Title V, the colleges in this district establish and maintain information on students relevant to admission, registration, academic history, career, student benefits or services, extra-curricular activities, counseling and guidance, discipline or matters related to student conduct, and shall maintain such information required by law. The college is not authorized to permit access to student records to any person without the written consent of the student or under judicial order except to college officials and employees with legitimate educational interest.

Right of Access

Any currently enrolled or former student has a right to access to any or all student records relating to the student which are maintained by this District. The editing or withholding of such records is prohibited except as provided by law.

Requests for access shall be in writing, addressed to the Executive Vice President of Student Learning at the college of attendance. Requests by students to inspect and review records shall be granted no later than 15 days following the date of request. The inspections and review shall occur during regular school hours. The Executive Vice President of Student Learning shall notify the student of the location of all official records which have been requested and provide personnel to interpret records where appropriate.

Student records are maintained in a manner to ensure privacy of all such records and the colleges of this district shall not, except as authorized, permit any access to or release of any information therein.

Access to student records may be permitted to any person for whom the student has executed written consent specifying the records to be released and identifying the party to whom the records may be released. Information concerning a student shall be furnished in compliance with a court order. The college shall make a reasonable effort to notify the student in advance of such compliance if lawfully possible within the requirements of the judicial order.

Students may request copies of records for review. A fee of one dollar (\$1) will be charged per page per copy.

Directory Information

Oxnard College regards the following as "Directory Information" which can be released to the public: student's name, current enrollment status, dates of attendance, major field of study, degrees and awards received from the College, participation in officially recognized activities and sports, weight and height of members of athletic teams, the most recent public or private school attended by the student.

If you desire to withhold "Directory Information," you must file a written request with the Admissions and Records Office prior to the first day of the semester that you are attending.

In accordance with the Family Education Rights and Privacy Act of 1974, all other student information, excluding that designated as Directory Information, cannot be released to a third party without written permission submitted to the college by the student. This law applies to all students attending Oxnard College, regardless of the student's age.

Challenge

Any student may file a written request with the President of the college or the designee to remove student records which the student alleges to be: (1) inaccurate, (2) an unsubstantiated conclusion or inference, (3) a conclusion or inference outside the observers' areas of competence, (4) not based on personal observations of the named person with the time and place of the observation noted. Allegations which are sustained shall be expunged and the record removed and destroyed.

Students filing a written request shall be provided a hearing and receive, in writing, a decision either sustaining or denying the allegations.

Allegations which have been denied by the college may be further appealed to the Chancellor of the Ventura County Community College District and his or her designee. Allegations which have been denied by the Chancellor may be further appealed to the Governing Board of the Ventura County Community College District who shall meet with the student, within 30 days of receipt of such appeal, to determine whether to sustain or deny the allegations. All decisions of the Governing Board shall be final.

Appendix XII

Policy on Sexual Harassment

It is the Policy of the Ventura County Community College District to provide an educational, employment and business environment free of unwelcome sexual advances, requests for sexual favors and other verbal or physical conduct or communications (including voice and e-mail telecommunications, fax machines, etc.) constituting sexual harassment as defined and otherwise prohibited by state and federal statutes.

It shall be a violation of this policy for anyone (employee, student, or contractor) to engage in sexual harassment. Within the Ventura County Community College District, sexual harassment is prohibited, regardless of the status and/or relationship of the affected individuals.

Disciplinary action, up to and including termination or expulsion, may be instituted for behavior described in the definition of harassment set forth in the Ventura County Community College District Sexual Harassment pamphlet.

Any retaliation against a student or employee for filing a harassment charge, making a harassment complaint or otherwise being involved in a harassment investigation is prohibited. Any persons found to be retaliating against another employee or student shall be subject to disciplinary action up to and including termination or expulsion.

Any student or employee who receives a harassment complaint, observes, or otherwise learns of harassing behavior in the education/business environment or workplace, must direct the concerns to the appropriate Sexual Harassment Intake Facilitator or to the Vice Chancellor of Human Resources at the District Office. Students are encouraged to follow the same procedure.

Complaint Procedure

Any student, employee, job applicant, or contractor who believes he/she has been harassed should direct his/her concerns to either of the following:

SEXUAL HARASSMENT INTAKE FACILITATOR at Moorpark, Oxnard or Ventura College. Call the college president for the names of the facilitators at your college.

VICE CHANCELLOR OF HUMAN RESOURCES, Ventura County Community College District.

Anyone who receives a harassment complaint, observes, or otherwise learns of harassing behavior in the work place, may direct the complaint or complainant to the Sexual Harassment Intake Facilitator at the college or to the Vice Chancellor of Human Resources at the District Office.

Investigative Procedure

The Sexual Harassment Intake Facilitator or Vice Chancellor of Human Resources will initiate a sexual harassment investigation that shall include, but may not be limited to:

Interviews with 1) the complainant; 2) the alleged harasser; 3) any other persons the investigator has reason to believe have relevant knowledge concerning the complaint.

Review of the factual information gathered during the investigation to determine whether the alleged conduct occurred and whether such conduct constitutes harassment under this policy, based on the totality of the circumstances, including the nature of the verbal, physical, visual or sexual conduct, and the context in which the alleged incident(s) occurred.

Campus Safety Statistics

The Crime Awareness and Campus Security Act of 1990 requires institutions to report data for certain criminal acts that occur on campus. The Ventura County Community College District's Campus Police office reported the following crimes on the Oxnard College campus for the reporting period January 1, 2000 to December 31, 2000.

Homicide	0
Rape	0
Robbery	1
Aggravated Assault	1
Burglary (Combined)	19
Theft (Combined)	29
Motor Vehicle Theft	0
Arson	0
Misdemeanor Assault	2
Narcotics Violations	2
Alcohol Violations	0
Weapons Violations	0
Vandalism	10
Bomb Threats	0
Fraud/Embezzlement	0
Stolen Property, Buying/Receiving/Possessing	0
Sex Crimes	0
Miscellaneous	15
Traffic Accidents	5
Domestic Violence	4
Restraining Order Violations	6
Disturbances	5

Administration and Faculty

Ventura County Community College District Board of Trustees

Chief Robert S. Gonzales, President
Dr. Norman J. Nagel, Vice President
Mr. John D. Tallman, Member
Dr. Allan W. Jacobs, Member
Mr. Arturo D. Hernández, Member
Ms. Becky Lawson, Student Trustee

District Administration

Dr. Philip Westin, Chancellor
Mr. Michael D. Gregoryk, Deputy Chancellor
Dr. Marion Boenheim, Vice Chancellor,
Human Resources
Dr. Irene Pinkard, Assistant Vice Chancellor,
Human Resources
Dr. Dennis Cabral, Associate Vice Chancellor,
Student Learning
Mr. Victor Belinski, Associate Vice Chancellor,
Information Technology
Dr. Jack Lipton, General Council
Ms. Cheryl Shearer, Dean, Economic Development

College Administration

Mr. Michael D. Gregoryk, (Interim) President

College Services

Eloy Oakley, Vice President, College Services
(*vacant*), Dean, Resource & Economic Development
Harry Culotta, Business Manager/Comptroller
Will Deits, (Interim) Director, Maintenance & Operations

Student Learning

Instructional Services

Dr. Anthony S. Tricoli, Executive Vice President,
Student Learning
Jerry Barkley, (Interim) Dean, Business/Technology
(*vacant*), Dean, Instruction & Innovation
Dr. Jaime Casillas, Dean, Off-Campus Programs
Delois J. Flowers, Dean, Library/Learning Resources
Dr. Steven C. Hall, Dean, Math, Science & Health
Ramiro R. Sanchez, Dean, Liberal Education

Student Services

Dr. Don R. Low, (Interim) Dean, Student Services

Full-Time Faculty

(Date) indicates year of employment at Oxnard College.

Andrich, John J., Professor (1984)
Mathematics/Physics. B.S., California State Polytechnic
University, Pomona; M.S., West Coast University

Barth, Thomas G., Professor (1990)
Adaptive Computer Technology/Learning Disabilities
Specialist. B.S., University of Northern Colorado; M.S.,
University of Wisconsin

Bassey, Ed-Rissa K., Professor (1988)
Accounting. B.S., Morgan State University; M.B.A.,
University of Baltimore; J.D., University of San Francisco

Bates, Mark, Associate Professor (2000)
Mathematics. B.A., M.A., University of Southern California,
Santa Barbara

Bouma, Hank, Associate Professor (1999)
Information Processing Systems. A.A., Phoenix College;
B.S., California State University, Long Beach; M.A.,
Webster University Missouri

Bowen, Michael, Professor (1991)
Physics. A.B., University of California, Berkeley; M.S.,
University of California, Los Angeles

Bradley, Victoria, Counselor (2001)
CalWORKS. M.S., California Lutheran University; B.S.,
California State University, Fullerton; A.A., Moorpark/
Orange Coast College

Brinkman, Gary W., Counselor (1975)
Articulation Officer/Health Education. B.A., Brigham
Young University; M.A., California Polytechnic College;
Ed.D., Brigham Young University

Buckley, Lorraine Madsen, Professor (1992)
Biology. B.A., University of Tennessee; M.S., Louisiana
State University; M.A., Ph.D., City University of New York

Butler, Marie, Professor (1990)
Sociology. B.A., University of Illinois, Champaign-Urbana;
M.Ed., Georgia State University, Atlanta; M.A., Ph.D.,
University of California, Davis

Caruth, Elissa, S. Associate Professor (2000)
English. B.A., M.A., California State University, Northridge

Casillas, Jaime, Dean (1999)
Off-Campus Programs. B.A., University of California, Santa
Barbara; M.S., California Lutheran University; Ed.D., Nova
Southeastern University

Casillas-Boggs, Graciela, Counselor (2001)
EOPS/CARE. B.A., University of California, Santa Barbara;
M.S., California Lutheran University

Castro, Frank, Professor (1977)
Automotive Technology

Chaparro, Linda, Professor (1987)
Psychology. B.A., California State University, Northridge;
M.S.W., University of California, Berkeley; Ph.D.,
University of Michigan

Chatenever, Robert A., Professor (1981)
Air Conditioning/Refrigeration. B.S., Stevens Institute of
Technology

Corbett, P. Scott, Coordinator (1996)
Technology & Distance Learning. B.A., M.A., Kent State
University; M.Ph., Ph.D., University of Kansas

Corral, Margarita, Counselor (1981)
B.A., M.A., California State University, Northridge

Crockett, Luanne Stevenson, Professor (1990)
Chemistry. B.A., Humboldt State University; M.S., San
Diego State University

Croker, Gaylene, Professor (1992)
English. B.S., Kansas State University; M.A., California
State University, Sacramento

de Garcia, Priscilla L., Counselor (1975-81, 1987)
B.A., M.S., Ed.D., University of Southern California

Dorrance, Carolyn, Professor (1975)
History/Political Science. B.A., Mount Holyoke College;
M.A., Columbia University; Ph.D., University of California,
Santa Barbara

Easley, Patrick L., Associate Professor (1999)
Fire Technology/Fire Academy. B.S., California State
University, California Polytechnic, Pomona

Eberhardy, Diane, Associate Professor (2000)
Computer Information Systems. B.A., University of
California, Santa Barbara; M.B.A., California Lutheran
University

Eblen, Carmen P., Professor (1994)
Spanish. B.A., Catholic University, Valparaiso, Chile; M.A.,
St. University of New York, Cortland

Edwards, Ishita M., Professor (1991)
Economics/Interdisciplinary Studies. B.A., Delhi
University; M.A., University of Jammu & Kashmir; Ph.D.,
University of Poona, India

Enriquez, Richard P., Associate Professor (2000)
Dental Hygiene. D.D.S., University of Southern California
School of Dentistry

Eustice, Carole A., Professor (1990)
Computer Information Systems. B.S., California State
University, Northridge; M.A., California State University,
Los Angeles

Fauth, Lynn, Professor (1986)
English. A.A., Santa Monica College; B.A., United States
International University; A.M., Indiana University; M.A.,
California State University, Los Angeles; Ph.D., Indiana
University

Flocco, Vincent R., Jr., Professor (1975)
Art. B.A., M.A., California State University, Los Angeles;
M.F.A., University of Iowa

Flowers, Delois J., Dean (1990)
Library/Learning Resources. English. B.A., California State
University, Los Angeles; M.L.S., Rutgers State University,
New Jersey

Frick, Carole A., Professor (1980)
Special Education. B.A., Sonoma State College; M.A.,
California Lutheran College

Fuentes, Victor O., Professor (1989)
Electronic Assembly

Garza, Marta C., Professor (1975)
Spanish. B.A., M.A., University of California, Santa Barbara

Gregoryk, Michael D., (Interim) President (2001)
B.A., Minot University, North Dakota; M.A., US
International University, San Diego

Guerrero-Calderón, M. Carmen, Professor (1992)
Business Management/Marketing. A.A., Moorpark College;
B.S., M.S., La Verne University

Hall, Steven C., Dean (1996)
Math, Science & Health. B.A., M.S., San Diego State
University

Hayashi, Alan, Professor (1991)
Mathematics. B.S.C., B.A., University of California,
Riverside

Haywood, Frank W., Professor (1985)
Hotel & Restaurant Management. A.A., Santa Barbara City
College

Hernandez, Juan, Professor (1975)
Physical Education. B.A., San Diego State College; M.A.,
Azusa Pacific College; M.S., California Lutheran College

Horrock, Christopher, Professor (1992)
Philosophy. B.A., Connecticut College; M.A., University of
Washington

Jackson, Ronald, Counselor (1975)
Athletics. B.A., M.A., M.Ed., University of California, Santa
Barbara

Jarvaise, James, Professor (1975)
Art. B.F.A., M.F.A., University of Southern California

Jones, G. Desmond A., Professor (1975)
Political Science/Economics. B.Sc. (Econ.), London School
of Economics; M.A., Lehigh University; Ph.D., University
of California, Santa Barbara

Jones, Mary J., Coordinator (1995)
Student Health Services. B.S., Salve Regina College; M.A.,
University of California, Los Angeles

Kamaila, Linda L., Professor (1990)
Anthropology. B.A., M.A., Ph.D., Stanford University

Kazmark, Mary Ellen, Professor (1980)
Theatre Arts/Speech. B.S., University of Wisconsin; M.A.,
University of Michigan; Ph.D., University of California,
Los Angeles

Kenney, James, Professor (1981)
Music/Voice. B.A., M.A., University of California, Santa
Barbara; Artist's Diploma, Guildhall School of Music,
London; Academie Maurice Ravel, France; Music Academy
of the West

Lawson, Clara, Professor (1992)
Early Childhood Education. B.A., Queens College, New
York; M.A., California Lutheran University

Lindbergh, Betsy, Coordinator (1998)
Dental Hygiene. A.A., Pasadena City College; B.S., D.D.S.,
University of Southern California

Lopez, David, Coordinator (2000)
Matriculation. B.A., M.A., Loyola Marymount University;
M.S. San Diego State University

Lopez, Maria Gloria Espinoza, Project Specialist (1999)
EOPS/Outreach. B.A., California State University,
Northridge; M.S., California Lutheran University

Lovejoy, Julie, Associate Professor (2000)
American Sign Language/Interpretation. A.A., Moorpark
College; B.A., California State University, Northridge; M.S.
Western Maryland College

Lupton, Jeri Jensen, Professor (1977)
Child Development/Home Economics. B.A., M.A.,
California State University, Long Beach

Lynch, Edward J., Professor (1984)
Electronics. B.S.E.E., Auburn University; M.B.A., M.A.Ed., California Lutheran University

Ma, Yong Chun, Professor (1996)
Chemistry. B.S., Fudan University, China; M.S., University of Mississippi

Magallanes, David, Professor (1992)
Mathematics. B.S., California State University, Northridge; M.S., California State University, San Luis Obispo

McCarthy, Remy A., Professor (1988)
Physical Education. A.A., Moorpark College; B.A., M.A., California State University, Northridge

McClurkin, Lawrence Ronald, Professor (1996)
Physical Education. A.A., El Camino College; B.A., M.A., California State University, Dominguez Hills

Menchaca, Olivia, Coordinator (1999)
Transfer Center. B.A., California State University, Northridge; M.S., California Lutheran University

Mendez-Angeles, Patricia, Associate Professor (2001)
Child Development. M.A., B.A., California State University, Northridge

Merrill, James A., Professor (1985)
English. A.A., Oxnard College; B.A., M.A., University of California, Los Angeles

Morgan, Gary, Professor (1984)
Journalism/English/History. A.B., New Mexico Highlands University; M.A., Colorado State University; M.A., California State University, Los Angeles; D.A., University of Northern Colorado

Morgan, Gary W., Associate Professor (1999)
Fire Technology. A.A., Moorpark College

Oakley, Eloy, Vice President, (2001)
College Services. B.A., M.B.A., University of California, Irvine

O'Neil, Thomas J., Professor (1976)
Geology/Oceanography. B.S., Roanoke College; M.S., Louisiana State University

Orange, Leo, Coordinator (2001)
Disabled Students Programs & Services. M.S., B.S., California State University, Los Angeles

Ortega, José, Professor (1991)
Auto Body Repair/Painting

Parkel, Joyce M., Professor (1976)
Health Education. B.A., California Lutheran University; M.A., California State University, Northridge; Ed.D., University of La Verne

Parker, Maria, Professor (1992)
Mathematics. B.S., M.S., Purdue University

Peters, Irene, Professor (1985)
Mathematics. B.A., Eastern Michigan University; M.A., Wayne State University

Petrello, Rena, Associate Professor (1999)
Mathematics. B.A., M.S., California State University, Northridge

Pinto-Casillas, Mary, Professor (1995)
Office Automation. A.A., Oxnard College; B.S., University of La Verne

Rapose, Joel E., Professor (1981)
Automotive Technology. A.A., Shasta College; B.A., Chico State College; M.A., California Lutheran College

Raptis, Anthony A., Counselor (1975)
B.A., M.A., California State University, Northridge

Redding, Jeannette E., Associate Professor (2001)
Basic English/ESL. B.A., M.A., University of California, Los Angeles

Rivera, Elvia, Associate Professor (2000)
Child Development. B.A., California State University, Northridge; M.A., University of California, Santa Barbara

Robinson, Leroy, Professor (1990)
Television/Communications/Multimedia. B.S., State University of New York, Albany; M.A., California State University, Dominguez Hills; Ph.D., Union Graduate School, Ohio

Rodriguez, Anthony, Associate Professor (1998)
English. B.A., M.A., Pepperdine University; M.A., California State University, Dominguez Hills

Rodriguez, Harmony, Associate Librarian (1984)
B.A. California State University, Northridge; M.L.S., University of California, Los Angeles

Rubenstein, Linda, Professor (1980)
Business/Office Automation. B.S., California State University, Los Angeles; M.S., California Polytechnic University, Pomona

Ryan, Colleen, Professor (1975)
Chemistry/Mathematics. B.A., M.A., Wellesley College; M.A.T., Harvard University

Salinas, Tomás, Professor (1990)
History. B.A., M.A., Ph.D., University of California, Santa Barbara

Sanchez, Matilde, Professor (1989)
English/ESL. B.A., M.A., University of California, Santa Barbara

Sanchez, Ramiro R., Dean (2001)
Liberal Education. B.A., Howard Payne University; M.S., East Texas State University

Sarafian, Winston, Professor (1975)
History/Associate Librarian. B.A., M.A., California State University, Los Angeles; M.L.S., California State University, Fullerton; Ph.D., University of California, Los Angeles

Savren, Shelley, Professor (1992)
English. B.A., Ohio State University; M.A., Central Michigan University

Shilley, William L., Professor (1990)
Addictive Disorders Studies. B.A., M.A., St. Thomas College

Silva, Lourdes, Professor (1986)
Office Automation. B.A., M.A., Ed.D., Loma Linda University

Simmen, Vernon S., Associate Professor (1998)
English/ESL. B.A., St. Patrick's College; Certificate in Teaching English as a Second Language, University of California, Santa Barbara; M.A., California State University, Los Angeles

Smith, Ralph E., Counselor (1988)
B.A., M.Ed., University of California, Santa Barbara

Stough, Thomas, Associate Librarian (2000)
B.A., Wichita State University; M.S., University of Oklahoma

Sutton, Karen, Coordinator/Associate Professor (2001)
PACE. M.S., California State University, Los Angeles; B.A., California Lutheran University; A.A., Oxnard College

Toles, Liesel, R., Specialist (2000)
Learning Disabilities. B.A., M.Ed. (in progress), University of California, Santa Barbara

Tricoli, Anthony, S., Executive Vice President (2000)
Student Learning. A.A., Golden West Community College; B.A., Whittier College; M.A., University of Redlands; Ed.D., Pepperdine University

Valle, Ana Maria, Coordinator (1998)
EOPS. B.A., California State University, Northridge; M.S., California Lutheran University

Vega, Jose, Counselor (1997)
EOPS. A.A., Oxnard College; B.A., California State University, Northridge; M.S. California Lutheran University

Waits, Emma N., Counselor (1990)
B.S., Lincoln University, Missouri; M.A., University of California, Santa Barbara; Ed.D., Nova University, Florida

White, Gerald R., Director (1978)
Athletics. B.A., Fresno State University; M.A., University of Southern California

Wilkes-Vacca, Evangeline, Professor (1991)
English. B.A., San José State University; M.A., United States International University; Ph.D., World University; J.D., Ventura College of Law

Young, Beverley J., Professor (1976)
English/Reading. B.A., New York City University; M.A., Sonoma State University

Zitnik, Louise A., Professor (1990)
Biology. B.A., University of California, Los Angeles; Ph.D., University of California, Davis

Emeritus Administration and Full-Time Faculty

Archuleta, Teresa (Deceased)
EOPS Coordinator

Arvizu, Steven F.
President

Ayala, Bill Sr. (Deceased)
Welding Technology/Agriculture Heavy Equipment

Bowers, Stanley L.
Dean of Student Services

Clements, William
Landscape Maintenance

Corley, Helene
Business Management/Marketing

Dell, John W.
Fire Technology

Derr, Harold
Agriculture/Heavy Vehicles

Dever, Mark L. (Deceased)
Journalism

Diaz, Carlos M. (Deceased)
English

Dodds, John W. Jr.
Counselor

Eckels, Calvin (Deceased)
Industrial Mechanics

Estes, Earl
Mathematics

Ford, Bernie
Diesel Mechanics

French, Edward
Environmental Technology/Fire Technology/Industrial Safety

Higby, John N.
Fire Technology Coordinator

Hughes, Patrick R.
Philosophy/Psychology

Hoyt, Raymond L.
Sign Language

Keaster, Shirley
Student Health Services Coordinator

Kueler, Glenn B.
Business

Lawson, William H.
Dean of Continuing Education

Marziani, Alex
Counselor

Moses, Jesse D. (Deceased)
Dean of Continuing Education/Outreach

Ramirez, Gilbert
Counselor

Reynolds, Robert
Speech

Rios, Daniel
Vocational Education/Technology

Robings, Edward W.
President

Sahota, Betty
Counselor/Coordinator

Sanchez, Salvatore
EOPS Counselor

Schneider, Elise
President

Sharp, Nicholas K.
Information Processing Systems

Silva, Lourdes
Office Automation

Smith, James N.
Fire Technology

Stallings, Richard A.
Agriculture

Ventura, Donato
Counselor

Wall, Sinclair
Reading/English/Speech/ESL

Ziegler, H. O'Neil
Biology

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Oxnard College Catalog Staff

Production Supervisor

Dr. Anthony Tricoli

Curriculum Committee Liaison

Linda Porter

Editing

Dr. Gary Brinkman

Production Coordinator, Layout & Design

Monica Zavala

Photography

David Bright

Printing

VonHoffmann Graphics, Inc.

Spanish Translation

Mati Sanchez

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OXNARD COLLEGE
 4000 South Rose Avenue
 Oxnard, CA 93033-6699
 (805) 986-5800 or 654-6370
www.oxnard.cc.ca.us



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www.oxnard.cc.ca.us

Oxnard College
4000 South Rose Avenue
Oxnard, CA 93033
805-986-5800
www.oxnard.cc.ca.us

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