

Oxnard College

Home of The
"CONDORS"

OXNARD COLLEGE

*Pathways
to Excellence*

Oxnard College Catalog 2003-2004

Campus Numbers

Area Code (805)

General Information	986-5800
(Numbers not listed below)	
Addictive Disorders Studies	986-5800
.....	Ext. 1946
Admissions and Records	986-5810
Assessment/Orientation	986-5864
Athletic Program/Physical	986-5825
Education/Health	
Bookstore	986-5826
Business/Technology	986-5824
Careers & CalWORKS Services	986-5887
Career Center/Job Placement	986-5838
CARE	986-5827
Child Development Center	986-5801
Counseling	986-5816
Dental Hygiene Program	986-5823
Disabled Students Program/	986-5830
Educational Assistance Center	
Economic Development/Community Init.	986-5888
EOPS	986-5827
ESPIGA/Bilingual Services	986-5864
Facility Use	986-5822
Financial Aid	986-5828
Fire Academy/Technology	384-8110
Health Center	986-5832
Human Resources	986-5860
International Students	986-5859
Institutional Research	986-5897
Instruction	986-5814
Learning Center	986-5839
Library	986-5819
Math, Science, & Health	986-5803
Matriculation	986-5864
Media Center	986-5845
Public Relations Office	986-5809
Off-Campus Programs	986-5888
OC-TV	986-5817
PACE Program	986-5800
.....	Ext. 2024
Re-Entry Program	986-5833
Registrar	986-5843
Scholarships	986-5978
Social Sciences & Letters	986-5804
Student Activities	986-5978
Student Business Office	986-5811
Student Services	986-5847
Transcripts	986-5810
TTY Telephone	488-8022
(For Deaf and Hearing Impaired)	
Tutorial Center	986-5846
Veterans Affairs	986-5810

President's Welcome

Welcome to Oxnard College!



On behalf of Oxnard College's (OC) faculty, staff and administrators, it is my pleasure to welcome you to our OC family.

I know that as a student you have many options on selecting a college to attend where you can achieve your educational goals. I would like to assure you that whether you are a new or returning student, you will find that OC's faculty, staff and administrators are here to support you in reaching your goals. Oxnard College is nationally known for its academic reputation and commitment to providing the highest standards in educational quality to every student. This standard of excellence has been achieved by offering small, intimate classroom settings, by making it possible to receive personal attention from faculty members, and by providing a supportive and helpful attitude from staff and administrators.

Oxnard College offers academic transfer programs, vocational training and basic skills for people of every level of competency. We work closely with business and industry to develop relevant training programs for today's workplace. We partner with local high schools to coordinate an easy transition to higher education. If you are a high school dual-enrollment student, high school graduate, returning student, displaced homemaker, dislocated worker, senior citizen, or a life-long learner taking a course for personal growth or professional development, *welcome* to our Oxnard College community. We care about our students! Whether you choose to take just one class or complete a degree, I commend you for your decision to come to Oxnard College and wish you the best of success in your pursuit of higher education.

Sincerely,

Lydia Ledesma-Reese, Ed.D.

President of Oxnard College

Accuracy of the College Catalog

Oxnard College is committed to providing students the most accurate, current information available regarding the College's programs, courses, regulations and policies. However, there may be times when course changes concerning prerequisites, content, hours, or units of credit are determined after publication of the catalog or when district policy or state regulation dictates a change in current practice. When such a circumstance arises, every effort will be made through the class schedules, public media, and at time of registration to notify students of any changes in the course descriptions or college policies as presented herein. Students with questions or concerns about a specific course need to talk to a counselor or to call the appropriate division office. Questions or concerns regarding standard practice and process can be directed to the Office of Student Learning at (805) 986-5814.

OXNARD COLLEGE

4000 South Rose Avenue, Oxnard, California 93033-6699 • (805) 986-5800 (805) 654-6370

www.oxnardcollege.edu

CATALOG

2003 - 2004



This Catalog Can Help You:

- To more easily find what you are looking for in this catalog, use the **TABLE OF CONTENTS** on **page 3** and the **INDEX** beginning on **page 174**.
- To look up important dates, turn to the college **CALENDAR** on **page 2**. You'll find a listing or registration dates, the first and last day of each term, every holiday, Spring Break, the final examination dates, the last day you may drop classes, and more!
- To find out more information about any course, read detailed **COURSE DESCRIPTIONS** beginning on **page 61**.
- To assure you complete all requirements for an **ASSOCIATE DEGREE** or **CERTIFICATE OF ACHIEVEMENT** at Oxnard College, carefully read **GRADUATION REQUIREMENTS** beginning on **page 42**. To find out which courses fulfill **REQUIREMENTS FOR AN ASSOCIATE DEGREE**, turn to **page 43**.
- To find information about the requirements to **TRANSFER** from Oxnard College to any California State University (CSU) turn to **page 47**; for any University of California (UC) campus turn to **pages 51-54**. To find out which courses fulfill **CSU GENERAL EDUCATION REQUIREMENTS**, turn to **page 48**. To find out which courses fulfill **INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC) Requirements**, turn to **page 50**.

OXNARD COLLEGE ACADEMIC CALENDAR

Fall Semester 2003 (August 18 – December 17, 2003)

August 16	First day of semester-length Saturday classes
August 18	First day of semester-length traditional classes
August 29	Last day to add a course (with add authorization code)
August 29	Last day to drop a course and receive a refund
August 30 – September 1	Labor Day (No classes)
September 12	Deadline to select CR/NC grade option
October 3	Deadline to petition for Degree (graduation)
October 3	Deadline to petition for Certificate of Achievement
November 10	Veteran's Day (No classes)
November 21	Last date to drop classes with a "W"
November 27- November 30	Thanksgiving (No classes)
December 11 – 17	Final Exams

August						
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
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31						

September						
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November						
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30						

December						
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21	22	23	24	25	26	27
28	29	30	31			

Spring Semester 2004 (January 12 – May 19, 2004)

January 12	First day of semester-length traditional classes
January 19	Martin Luther King Day (No classes)
January 23	Last day to add a course (with add authorization code)
January 23	Last day to drop a course and receive a refund
February 6	Deadline to select CR/NC grade option
February 13 – 16	Presidents' Days (No classes)
March 26	Deadline to petition for Degree (graduation)
March 26	Deadline to petition for Certificate of Achievement
April 2	Self-Assigned Flex Day (No classes)
April 5 – 11	Spring Break (No classes)
April 23	Last day to drop classes with a "W"
May 13 – 19	Final Exams

January						
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April						
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May						
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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

- △ classes begin
- ▽ classes end
- final exams
- ⊗ holiday/no classes

For short-term/summer class deadline dates contact the Admissions Office.

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ADMINISTRATION, FACULTY,

& CLASSIFIED STAFF

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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: 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 Letters and Science Building was completed and occupied in 1997. A Community and Student Services Center was completed in Spring, 2003. 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 entered into an agreement in 1999 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 also housed the Oxnard College Economic Development Center. County offices as well as the Oxnard College Economic Development Center, EOPS and Student Services Offices moved into the Community & Student Services building in Spring, 2003.

Several new buildings and major renovation projects are scheduled to be completed within the next 10 years, due to the passage of Measure S, a \$356 million bond issue for construction projects District-wide. At Oxnard College, new projects include a long-awaited Performing Arts Center including a theater, a Fine Arts Building, a "one-stop" Student Services Complex with new bookstore and food services facilities, general classroom buildings, a Health Sciences Center, and a warehouse on campus. At the District's Camarillo Airport property, a High Tech Center and Fire Technology facilities will be constructed for OC use. Major remodeling projects on campus will include the Learning Resources Center, expansion of the Child Development Center, and renovation and expansion of athletic facilities.

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. The goal of completing the campus's physical plant has become achievable thanks to the willingness of Ventura county citizens to support the bond issue projects.

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 enable 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, an institutional accrediting body recognized by the Commission on Recognition of Postsecondary Accreditation and the U.S. Department of Education.

Community Services

Community Services is a self-supporting outreach function of Oxnard College which provides the community with unique educational, recreational and personal development classes.

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.

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.

OXNARD COLLEGE

Student Profile

Fall 2002 Enrollment:

Full-time	29.1%
Part-time	70.9%
TOTAL	8,582

Gender:

Female	55.6%
Male	44.4%

Age:

19 or Less	29.9%
20-24	28.3%
25-29	11.6%
30-34	8.1%
35-39	6.9%
40-49	10.1%
50 or more	5.1%

Ethnicity:

African American	4.8%
Asian	4.5%
Filipino	5.3%
Hispanic	57.3%
Native American	1.0%
Pacific Islander	0.6%
White	22.8%
Other & Unknown	3.7%

2002/2003 Financial Aid

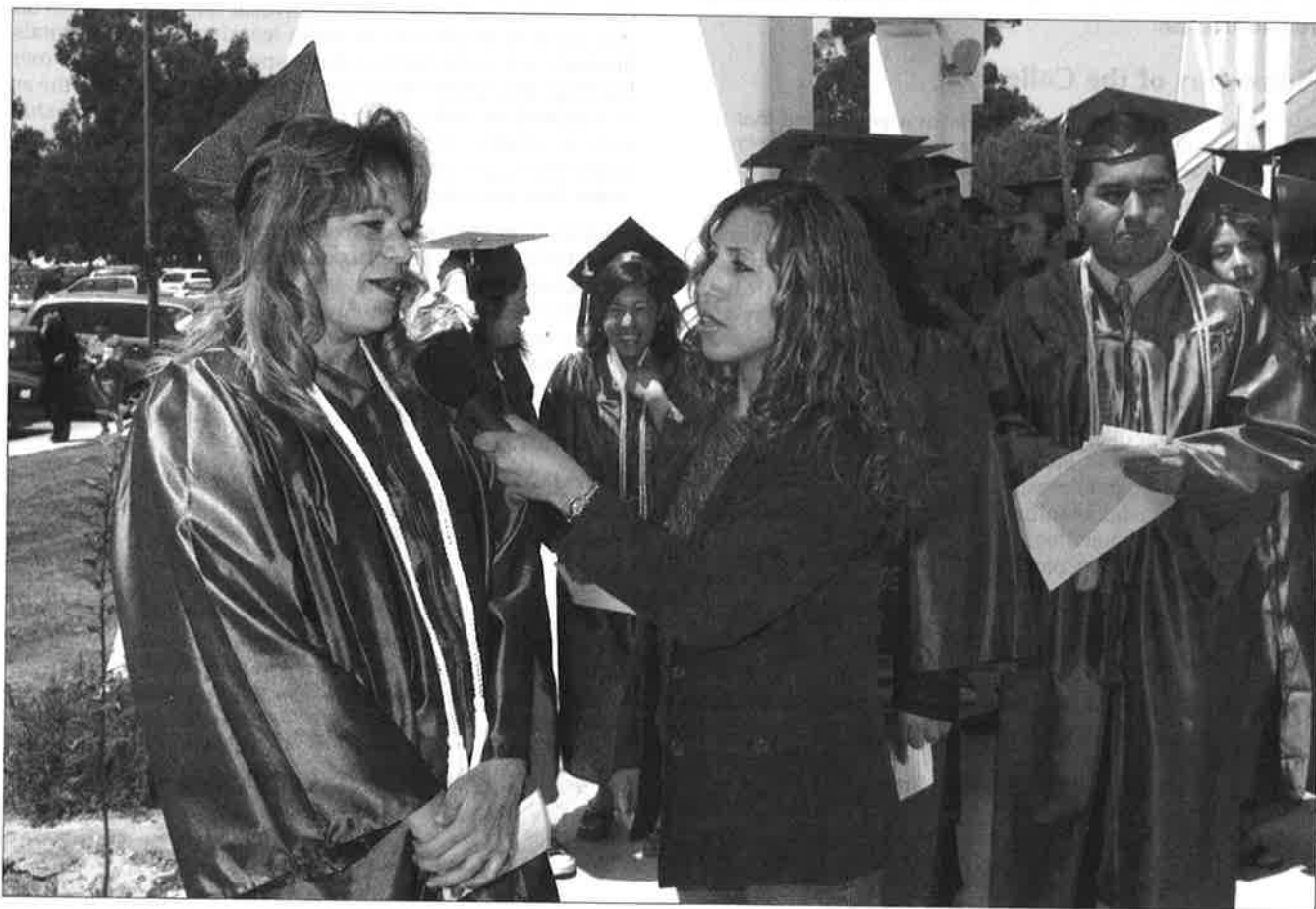
Total financial aid awarded	\$4,575,566
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Spring/Fall 2003 International Students

Enrollment	99
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Countries represented:

Albania, Armenia, Brazil, Canada, Colombia, Ecuador, El Salvador, England, France, Germany, India, Iran, Japan, Lebanon, Philippines, Sri Lanka, Switzerland, Taiwan, Tunisia.



OCTV television student, Emilia Pablo interviews 2003 graduate.

photo by Bob Knight Photo

OXNARD COLLEGE

STUDENT RIGHT-TO-KNOW

1999 FACT SHEET

In compliance with the Student-Right-to-Know (SRTK) and Campus Security Act of 1990 (Public Law 101-542), it is the policy of the Ventura County Community College District and Oxnard College to make available its completion and transfer rates to all current and prospective students.

In Fall 1999, a cohort of all certificate-, degree-, and transfer-seeking first-time, full-time students is identified and tracked over a three-year period. SRTK rates do not represent the success rates of the entire student population at Oxnard College, nor do they account for student outcomes occurring after this three-year tracking period.

The **completion rate** is the percentage of students in the cohort who earned a degree or certificate, or could be considered "transferable" to a four-year institution (completed 56 or more transferable units with at least 2.0 GPA). The **transfer rate** is the percentage of students in the cohort who have been identified as having transferred to another California Community College or a four-year institution, but did not meet the criteria above to be classified as a "completer." Federal law prohibits a student from being counted in more than one category; therefore, those students who are "completers" and have transferred to a four-year institution are only counted once as "completers," and not as "transfers."

The tables below present the SRTK rates for Oxnard College and statewide for 1995, 1996, 1997, 1998 and 1999.

Completion Rates

	1995	1996	1997	1998	1999
Oxnard	23.7	28.2	28.9	30.3	27.4
Statewide	34.3	32.0	32.7	30.6	34.8

Transfer Rates

	1995	1996	1997	1998	1999
Oxnard	26.3	32.9	25.8	31.1	19.2
Statewide	23.1	25.1	25.5	27.0	23.6

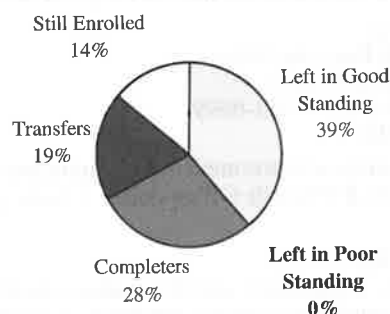
From 1995 through 1997, the completion rates at Oxnard were lower than those seen statewide until in 1998, when the gap was closed. However, in 1999, Oxnard's rate again dropped below the statewide rate.

The transfer rates at Oxnard College were consistently higher than the statewide rates from 1995 through 1998, however, the rate dropped significantly in 1999 to a level below that seen statewide.

It should be noted that the cohort used for SRTK represents a very small proportion of the students at Oxnard College. The 1999 SRTK cohort of **146** students is only **2 percent** of the entire enrolled student population of 7,332 students, and only **10 percent** of the 1,437 first-time students enrolled that term. Many students attend Oxnard College with goals other than earning a degree or certificate or preparing to transfer to a four-year institution. In addition, the majority of Oxnard students attend on a part-time basis, thus excluding them from the SRTK cohort.

The chart below presents a more comprehensive, informative and representative picture of outcomes for Oxnard College students.

Outcomes for 1999 SRTK Cohort



The chart above indicates that **100 percent** of students achieved some level of success at Oxnard: 47 percent either completed a degree or certificate, became transfer-prepared, or transferred to another institution; 39 percent left the college in good academic standing; and 14 percent are still enrolled. **None** of students in this cohort left the college in poor academic standing.

For additional copies contact Conni Lund, Research Assistant at clund@vcccd.net. For more information on SRTK, please contact Dr. Darla Cooper, Director of Institutional Research at dcooper@vcccd.net.

Oxnard College
Office of Institutional Research

August 2003

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 online at www.vcccd.net/webstar.

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. If a student chooses not to use their Social Security number for an ID number, a 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. Web schedule www.vcccd.net/webstar.

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.

AB540 Nonresident Tuition Exemption

In accordance with Education Code section 68130.5, any student, other than a student who is a nonimmigrant alien under 8 U.S.C. 1101(a)(15), shall be exempt from paying nonresident tuition at any community college district after filling out a questionnaire form prescribed by the State Chancellor if he or she:

1. Attended high school in California for three years or more; and
2. Graduated from a California high school or attained the equivalent of such graduation.

For further details please contact the Admission Office at (805) 986-5810.

Matriculation Services Promote Student Success

The primary goal of Matriculation is to assist all students in attaining academic success. The college and each individual student work together combining several activities and processes to develop a Student Educational Plan (SEP). The SEP is a schedule of recommended courses for two semesters. Within the Matriculation process both college and student responsibilities are defined.

College Responsibilities Include:

Admissions and Records - provide an admissions and records process that will enable the college to collect state required information on students.

Assessment - provide an assessment process using multiple measures to determine students' academic readiness in English, Reading, Math, and English as a Second Language.

Orientation - provide an orientation process designed to acquaint students with college programs, services, facilities and grounds, academic expectations, and college policies and procedures.

Counseling/Advisement - provide counseling services to assist students in course selection, development of an individual student educational plan, and use of campus support services; provide additional advisement and counseling to assist students who have not declared an educational goal, are enrolled in basic skill courses, are on academic probation/dismissal, or have been identified as high-risk.

Follow-Up - establish an Early Alert process to monitor a student's progress and provide necessary assistance toward meeting educational goals; provide students with (or direct them to) written district procedures for challenging matriculation regulatory provisions.

***NOTE:** Alternative services for the matriculation process are provided for ethnic and language minority students and students with disabilities.*

Student Responsibilities Include:

1. Submit official transcripts from high schools and colleges attended.
2. Acquire and read the college catalog, class schedules, handouts, and other student materials which detail college policies and procedures.
3. Indicate at least a broad educational goal upon admission.
4. Declare a specific educational goal after completing a minimum of 15 units.
5. Participate in orientation, assessment, advisement groups and other follow-up support services deemed necessary by the college in order for students to complete their stated educational goals.
6. Attend all classes and complete all course assignments.
7. Complete courses and maintain progress toward their educational goals.

Matriculation Exemption Policy*

***College Math, English, and Reading courses require assessment prior to registration.**

All students are encouraged to participate in the matriculation process at Oxnard College. You may be exempt from the process if you meet the criteria listed below:

1. Students who have already earned an AA/AS degree or higher from a regionally accredited institution and **CAN DEMONSTRATE THIS WITH DOCUMENTATION.**
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 and **CAN DEMONSTRATE THIS WITH DOCUMENTATION.**
4. 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.

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.

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 students are responsible for payment of the mandatory Health Fee, Student Representation, and Student Center Fees.

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. **IF YOU ARE BELOW THE 11TH GRADE, you must also provide a letter from your parents and Principal stating how you will benefit from the class. Parent and student must make an appointment to interview with the Dean of Student Services, 986-5847.**

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

California state law requires each student applying to a California community college to provide the information and evidence to determine residency or non-residency status. Requirements are as follows:

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 ongoing non-resident tuition exemption for military personnel dependents whose spouses are assigned to California bases.

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.

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.

All examinations require a score of 3, 4, or 5.

Examination	College Credit	OC Course Equivalencies
American Government	3 Units	POLS R101
American History	6 Units	HIST R102 & R103
Art History	6 Units	ART R102 & 3 units Humanities
Art Studio Drawing	6 Units	3 units Fine Arts & 3 units Humanities
Art Studio General	6 Units	3 units Fine Arts & 3 units Humanities
Math Calculus AB	5 Units	MATH R120
Math Calculus BC	5 Units	MATH R121
Biology	6 Units	BIOL R120 (no lab)
Chemistry	5 Units	CHEM R120
English Language and Composition	4 Units	ENGL R101
English Language and Literature	3 Units	ENGL R102
European History	3 Units	HIST R106
Physics B or C	6 Units	PHYS R101
Spanish Language	10 Units	SPAN R101 & R102
Spanish Literature	10 Units	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.

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); 6 units or less if eligible for CalWORKs, DSPS, EOPS, or FWS.

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. A student who does not pay, or arrange payment of, mandatory fees within a limited time period will be dropped from all classes and will not receive grades, transcripts, diplomas, or permission to enroll for future academic terms. A student who owes fees from prior semesters will not be permitted to register for classes until all obligations have been paid in full. All fees may be paid at the Student Business Office.

Mandatory Fees

1. Enrollment Fee

The enrollment fee is set by the California Legislature and is subject to change. The basic fee is \$18 per unit, \$9 per ½ unit, \$4.50 per ¼ unit. 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 \$12 per semester (\$9 summer session) Health Fee is charged. This fee entitles students to the services of the Student Health Center.

In accordance with the California Education Code and Board Policy, you are required to pay a health fee, regardless of units taken, unless you meet one of the exemptions listed below pursuant to Ed Code §76355:

- You qualify for the Board of Governors Fee Waiver (BOGW) or are identified by the Financial Aid Office as qualifying for exemption under §76355.
- You depend exclusively on prayer for healing in accordance with the teachings of a bona-fide religious sect, denomination or organization. Documentation of such an affiliation is required.
- You are attending college under an approved apprenticeship training program under Ed Code §76355.

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. This fee is not charged in Summer Session.

6. Nonresident Tuition (Non-California residents)

The Ventura County Community College District Governing Board has adopted the state-mandated nonresident tuition fee at \$149 per unit for students who are non-California residents. This fee is in addition to the enrollment fee.

In accordance with Ed Code §68130.5, any student, other than a nonimmigrant alien under Title 8 U.S.C. 1101(a) (15), is exempt from paying nonresident tuition after filling out a questionnaire form available from Admissions and Records Office if he or she:

1. Attended high school in California for three years or more;
2. Graduated from a California high school or attained the equivalent thereof.

7. Nonresident Tuition (International Students)

The Ventura County Community College District Governing Board has adopted the state-mandated nonresident tuition fee at \$163 per unit for international students, \$14 of which is a foreign capital outlay surcharge. These fees are in addition to the enrollment fee.

You are required to pay the capital outlay surcharge unless you meet one of the exemptions listed below pursuant to Ed Code §76141:

- You must demonstrate economic hardship, or
- You must be a victim of persecution in the country in which you are a resident.

8. 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.

You are required to pay this fee unless you meet one of the exemptions listed below pursuant to Ed Code §76142:

- You must demonstrate economic hardship, or
- You must be a victim of persecution in the country in which you are a resident.

9. Returned Checks/Returned Credit Card Charges

Students who pay student fees, book purchases, or other transactions with a check or credit card that is returned by the bank for non-sufficient funds will be charged \$10.00 for each returned item.

Optional Fees

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

1. Parking Fee

- a. Regular Semester Fees (12 weeks or longer):
 - (1) Automobiles: Regular semester— \$40
 - (2) Motorcycles: Regular semester— \$28
- b. Short-term Fees (less than 12 weeks):
 - (1) Six to eleven weeks: Auto— \$28;
Motorcycle— \$16
 - (2) One to five weeks: Auto— \$12;
Motorcycle — \$8
- c. Summer Intersession: Auto— \$19;
Motorcycle— \$12
- d. Second Vehicle Permit: \$8 for regular semester; \$7 for summer
- e. Replacement Permit: \$7 for regular semester;
\$5 for summer
- f. Single-day permit: \$1 (purchased at the Parking Permit Machine on South Campus Road)

Parking permits may be purchased at the Student Business Office. They are required for all parking lots on campus.

Students who are receiving benefits under CalWORKs, SSI/SSP, or General Assistance or who have qualified for the Board of Governors Fee Waiver (BOGW) are exempt from parking fees in excess of \$20 per semester.

Students who certify they have two or more passengers regularly commuting to the college in the student's vehicle may qualify for a reduced parking fee of \$30 for fall/spring semesters and \$10 for summer session. Students may apply at the Student Business Office.

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. There is a \$3 replacement charge for a lost card.

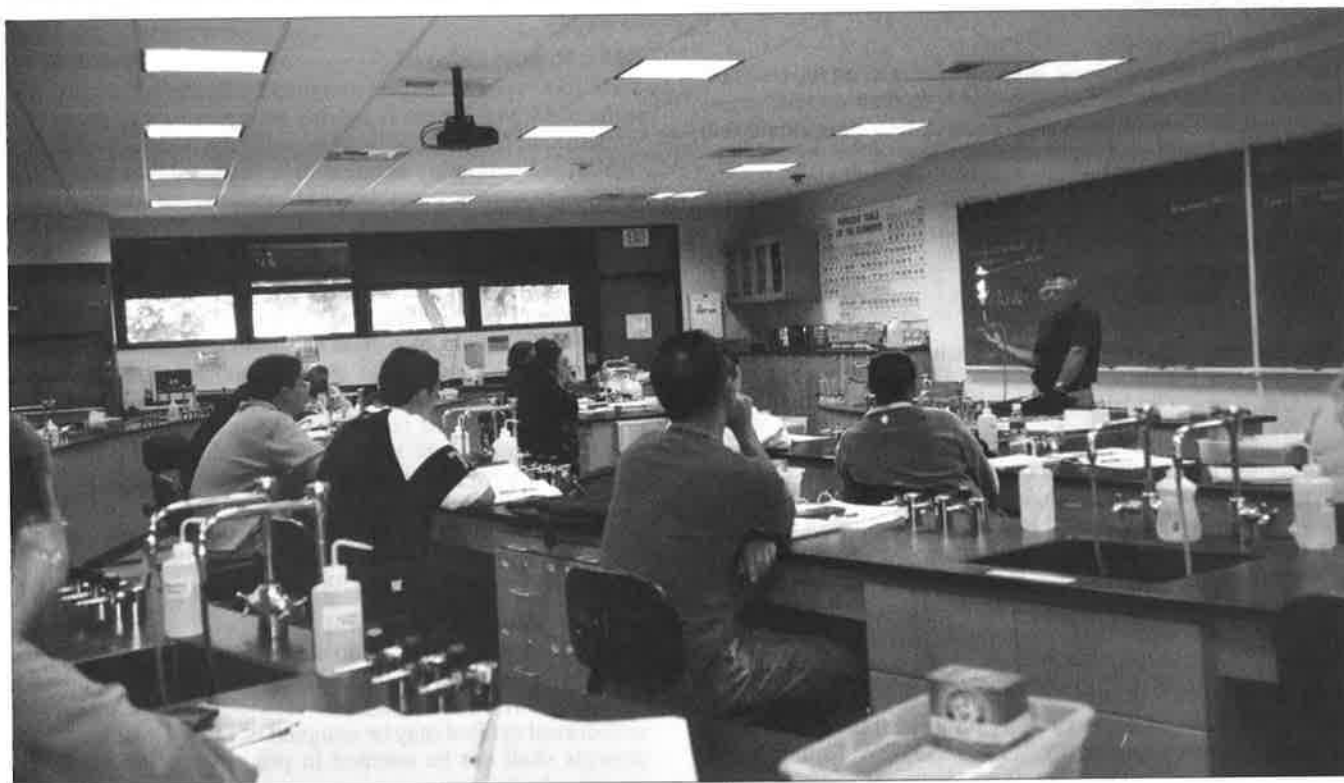
4. Textbooks and Supplies

Textbooks and/or supplies may be purchased at the Oxnard 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.



Chemistry instructor Jay Crane with OC students.

photo by Cathy Garnica

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," "W," and "MW," 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.

MW = Military Withdrawal

Occurs when a student who is a member of an active or reserve U.S. military service receives orders compelling a withdrawal from courses. Upon verification of such orders, a withdrawal symbol may be assigned of "MW." Military withdrawals shall not be counted in progress probation or dismissal calculations.

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.

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.

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.

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, OR www.vcccd.net/webstar.

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 (www.vcccd.net). 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 once 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

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.

Academic Honors/Recognition

Graduation with Honors

Students who maintain a high scholarship average are eligible for honors at graduation. There are three types of graduation honors: highest honors, high honors, and honors.

Graduation with Highest Honors

The highest honors designation is placed on the transcript and diploma of the graduate who has achieved an overall grade point average (GPA) of 4.0. The highest honors graduate must have completed at least 30 units of coursework at Ventura County Community College District of which 18 units or more must be letter grades. All letter grades must be A.

Graduation with High Honors

The high honors designation is placed on the transcript and diploma of the graduate who has achieved an overall grade point average (GPA) of 3.75. The high honors graduate must have completed at least 30 units of coursework at Ventura County Community College District of which 18 units or more must be letter grades.

Graduation with Honors

The honors designation is placed on the transcript and diploma of the graduate who has achieved an overall grade point average (GPA) of 3.5. The honors graduate must have completed at least 30 units of coursework at Ventura County Community College District of which 18 units or more must be letter grades.

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.

Student Services

NOTE: See Support Services Directory, page 23-24 for hours, location, and telephone numbers for these programs.

CalWORKs/TANF Services

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 TANF recipients attending Community Colleges. To be eligible for college TANF services, students must register in the CalWORKs/TANF Services Office.

These services include: Individual Academic/Career Counseling, On-campus Child Care, Job Placement, Advocacy, Vocational Testing, Work-Study opportunities, and Entry-Level Proficiency Modules which are short-term, job related courses, such as: Automotive Technology, Administrative Assistant, Child Development, Customer Service, Hotel & Restaurant Management, Human Services, & Office Occupations. All of these programs include on-the-job training experiences.

Oxnard College CalWORKs/TANF Services are located in the new CSSC building just North of the campus library in the Community Initiatives Offices.

Career Resource Center

Employment services, available to all enrolled students, alumni, and general public are administered by the Career Resource 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. College and county personnel are available for assistance.

The Center also provides research materials to assist in personal decision making. These include interest inventories, personality-type indicators, and Eureka and Career Locker computer programs offering information and video clip illustrations on over 400 occupations.

Counseling Services

Attention to the individual needs of each student is particularly vital in the community college, where the open door policy attracts students of widely-diversified backgrounds, interests, abilities and needs. The close cooperation of instructors and counselors is extremely important in aiding students in self-assessment and goal orientation. Several areas for potential cooperation exist:

Counseling Philosophy

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

The counselor/student holistic 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 a complete examination of lifestyles and how individual lifestyle affects educational performance.

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.

Career/Life Planning

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

Personal Concerns

Trained professionals are available for personal counseling. Through a self-help holistic approach, counselors will help students explore immediate alternatives for crisis situations or assist in the decision-making to provide for maximum 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. Personal Counselors are available through the Health Office (986-5832).

Educational Assistance Center (EAC) (formerly DSP&S)

The Educational Assistance Center works to meet accessibility requirements of federal and state laws related to persons with disabilities. EAC promotes the educational and vocational potential of students with mobility, visual, hearing, speech, learning, acquired brain injuries, developmental, or other disabilities by total integration into the mainstream of college life.

Special instruction for students with verified disabilities include basic reading, spelling, math, vocabulary development, improving written language skills, memory, and adaptive physical education (conditioning and adapted aquatics).

Support services, based on educational limitations, are designed to promote success in integrated campus classes. Notetakers, tutorial groups, interpreters for deaf studies, computer access so that students with disabilities may make use of the special benefits of technology, including word processing and computer-assisted instruction. Specific adaptive equipment includes screenreaders, enlarged print, speech synthesizers, keyboard adaptations, optical character recognition and voice-activated computers. Assistive technology is also available in the library and in other campus computer labs.

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, 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*

- Books
- Grants
- Meal Vouchers**
- Parking permits**

☐ Additional Services

- Workshops
- Field trips
- Tutoring
- Peer advising
- College success 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.

ESPIGA (Bilingual Program)

Suspended for Academic Year, 2003-2004.

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.

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.

Family Development Institute

If you are a student and the parent of a young child (ages 0-5 years), visit Oxnard College's Family Development Institute. A major component of this new program was specifically designed to help keep the student/parent focused on completing educational goals by assisting with the challenges of parenthood.

Resources will include child care scholarships to our Child Development Center, parenting workshops, family counseling and referrals, a parent lending library of videos, books, and toys and a wide array of additional free services now available in every Ventura County Neighborhood. These services are funded by First 5 of Ventura County.

The Oxnard College Family Development Institute office is located in the new Community & Student Services Center just North of the campus library. For information regarding these services, call 986-5887.

Financial Aid

Oxnard College is committed to providing financial assistance to qualified students who cannot afford to pay their educational expenses without help. Financial aid at Oxnard College provides more than 40% of our students with some form of financial assistance.

Oxnard College participates in a variety of Federal and State financial aid programs designed to assist undergraduate students in meeting college costs. Grants are funds that do not have to be repaid and are usually based on need. Students must meet Federal/State eligibility criteria to qualify.

Federal Pell Grant: The Pell Grant program is an entitlement program that is based on financial eligibility and enrollment. Grants range from \$200 - \$4,050 per academic year.

Federal Supplemental Educational Opportunity Grant (FSEOG): FSEOG is a grant available to students who qualify for a Pell Grant. FSEOG is a campus-based program (limited funds). Awards are contingent on availability of funds and awarded to students with the greatest financial need. Grants range from \$100 - \$800 per academic year.

Federal Work Study (FWS): FWS is a self-help program that provides part-time employment (generally on campus) to undergraduate and graduate students. FWS is a campus-based program. Awards are based on need and contingent on availability of funds. Grants range from \$500 - \$3,000 per academic year.

State Cal Grants: California State grant programs for undergraduate students. The recent expansion of the Cal Grant Program now includes Cal Grant A and B Entitlement, Cal Grant A and B Competitive, California Community College Transfer Entitlement, Cal Grant C, and Cal Grant T. Students must be a California resident attending an eligible educational institution in California. Grants range from \$150 - \$1551 per academic year.

New Cal Grant Programs

Beginning with the 2000-2001 graduating class, every high school senior who meets the academic requirements (3.0 GPA for Cal Grant A; 2.0 GPA for Cal Grant B), falls within established income and asset ceilings, and applies on time will receive a Cal Grant A or B Entitlement award. Every community college student who meets the admissions requirements for California State University, is under 24 years old, meets other program requirements and applies on time will receive a California Community College Transfer Entitlement award. Cal Grant T is only for students planning to attend a teaching credential program and includes a teaching service requirement.

Cal Grant A: Cal Grant A awards help middle and low-income students with tuition and fees at a four-year college. Students that receive a Cal Grant A but choose to attend a community college first can reserve their award for up to two years until they transfer.

Cal Grant B: Cal Grant B provides a living allowance (and sometimes tuition/fee assistance) for very low-income students. Awards at the community college are limited to assisting with living expenses, books, supplies, and transportation.

Cal Grant C: Cal Grant C is awarded to students enrolled in career education programs (Certificate of Achievements/AS Degrees) and have no plans to transfer. The award is to cover books, tools and equipment.

Cal Grant T: Cal Grant T awards cover one year of tuition and fees for a program of professional teacher preparation. Recipients must teach at a low-performing school for one year for each \$2,000 in grant money they receive for up to four years.

Community College Transfer Entitlement Grant: Every community college student who meets the admissions requirements for an accredited four-year institution, is under 24 years old and meets other program requirements will receive a Cal Grant A or B to attend a four-year college. This becomes active for the 2002-2003 academic year.

NOTE: New Federal regulations effective October 2000.

Students who receive Title IV funds and subsequently withdraw from ALL of their classes prior to the 60% point in the semester be required to repay all or a portion of unearned funds received. The college may also be required to repay a percentage of the assessed enrollment/tuition fees. This new regulation stresses the importance of posting an official withdrawal date by the student or the college.

Alternative Loans

Many banks offer alternative loans for students who do not qualify for federal aid and need additional funding to meet college costs. They generally use credit information to determine eligibility. A co-signer may also be required.

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 Bureau of Citizenship and Immigration Services (BCIS - formerly INS).

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.

Library/Learning Resources Center

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

Library

The Oxnard College Library supports instruction by providing a collection of 33,000 books, 110 hard-copy periodicals and six full-text electronic databases. Our database collection includes: CountryWatch, CQ Researcher, Ethnic NewsWatch, FACTS.com, Health & Wellness Resource Center and ProQuest. Off-campus access to the database collection is available to currently registered students, faculty and staff at the Library's Web page: <http://www.oxnardcollege.edu/library/library.html>. The Library's catalog may be accessed and searched at <http://library.oxnardcollege.edu>. Oxnard College Library cardholders may access the Internet in the Library. The staff reserves the right to set priority for academic research. The Learning Center located on the library mezzanine provides an Open Access Computer Laboratory.

Inquire at the Circulation Desk for lending policies, library cards, reserve books, and questions of a general nature. The loan period for circulating materials is three weeks. Reserve materials may be requested by course number at the Circulation Desk. Inquire at the Reference Desk for book information, reference questions, assistance with class assignments or placing interlibrary loans. Other services available in the library are library tours and orientations. Printing and copying services are also available. Professional librarians and staff are on duty both day and evening to assist you. Students are encouraged to make optimum use of the Library and its resources.

Learning Center

Through a variety of programmed learning materials, covering many disciplines, the Learning Center provides a broad range of services to supplement classroom instruction across the curriculum and encourage individualized independent study.

Credit individualized instructional modules are available in reading (for speed and comprehension), writing, spelling, vocabulary, note-taking, library resources, study skills, essay and objective test taking, grammar and punctuation brush-up and research paper writing. Videotapes, workbooks (with and without cassettes), and skill building computerized instruction are available. These self-instructional modules or mini-courses offer students the opportunity to learn at their own pace. Multi-media and self-instructional materials are also available to supplement classroom instruction or for independent study.

Instructors are scheduled to assist students in skill areas like reading, writing, math and other disciplines throughout the day and evening. Tele-course videos such as--Business Law, History (America in Perspective), Economics USA, Sociological Imagination, Marketing, Anthropology (Faces of Culture) and others are available for student viewing.

Computers are available for web star registration, checking on grades, viewing holds, word processing, accessing on-line homework, on-line exams, on-line lab assignments and/or on-line academic research. Students may type research papers, homework and/or essays. Printing is available for 10 cents per page. Printing Cards are available in the machine in the back of the Library (next to the copy machine). The cards may be purchased from the machine for 50 cents (you must place \$1.00 in the machine) and you will receive your card with 50 cents of credit toward printing. Students may add additional money to their cards as necessary.

Supplemental lab hours are completed in the Learning Center for designated classes. Orientations are provided for classes with a scheduled appointment. Make-up test-taking services are available. The Learning Center hours are Monday - Thursday, 8 am - 9 pm, and Friday, 8 am - 5 pm., during the Fall and Spring semesters. Summer hours may vary.

Tutorial Services

The Oxnard College Tutorial Center provides tutoring to all enrolled students who want to strengthen their academic abilities and succeed in class. Free tutoring is offered by selected tutors trained to challenge and support students to think critically and independently, and serve as role models. Tutors are available for short- or long-term assistance, on a drop-in basis, and for small group study sessions. Two centers are available, the Writing Skills Center to assist with writing/research projects across the curriculum at any stage of the writing process, and the Math Skills Center to assist from Basic Math to Calculus/Physics. The Tutorial Center is designed to assist students with study skills, test preparation, and the successful completion of classes. Stop by the Tutorial Center or call us for more information at 986-5846. Our friendly staff will be glad to assist you!

Puente Project

Suspended for Academic Year, 2003-2004.

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

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 A & *Hepatitis B
- TB Tests*
- Emergency care for cuts, burns, etc.
- Tests: Pregnancy*, Cholesterol*, Diabetes*, etc.
- Evaluation by Family Practice Physician
- Blood Pressure, vision, and hearing 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.*

*Additional fee required.

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 ASOC President. 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

Activities provided include student government, campus clubs and organizations, club fairs, leadership and personal growth workshops, 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.

An additional service provided 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 13-member Western State Conference. The college fields men's teams in soccer, basketball, track, cross country, and baseball; women's teams compete in basketball, soccer, volleyball, track, and cross country.

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."

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 cooperating 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.

Support Services Directory

<i>Student Support Services</i>	<i>Hours</i>	<i>Contact Person</i>	<i>Telephone</i>	<i>Bldg.</i>
General Information College Website: www.oxnardcollege.edu			986-5800	
Admissions & Records (Registration, Grade Changes, Credit/No Credit, Problems, Transcripts, Veterans Affairs)	MW – 8-7; T – 8-5; Th – 10-7; F – Closed	Staff	986-5810	LRC
Bookstore	M-Th – 7:30-7:30; F – 7:30-12 Noon	Staff	986-5826	OE
Campus Safety (accidents, parking, escorts, crimes)	Open 24-Hours	Campus Police	986-5805	SS
CARE Program (Educational Resources for single parents)	M-Th – 8-7; F – 8-5		986-5827	CSSC
Work & Family Office (CalWORKs Work Study, Family Resources and Child Care Scholarships)	M-F – 8-5	Lillian Manning	986-5887	CSSC
Careers/Job Placement (Career Center, research materials, job placement services)	M-F – 8-5	Reggie Talili	986-5838	CSSC
Child Care (Offers developmental infant, toddler, and preschool programs – age 10 months through 5 years)	M-F – 7:30-5	Kim Karkos	986-5801	CC
EOPS (Extended Opportunity Programs and Services)	MTW – 8-7; Th – 8-6:30; F – 8-2:30	Ana Maria Valle	986-5827	CSSC
Federal Work Study		Staff	986-5828	LRC
Financial Aid (Loans, grants, work study, scholarships)	M – 8-2; TW – 8-2, 5-6:30; Th - 8-5; F – Closed	Staff	986-5828	LRC
International Students	M-Th – 8:30-5; F – 8-2:30	Richard La Paglia	986-5859	CSSC
Student Business Office	M-Th – 7:30-7:30; F – 7:30-12 Noon	Staff	986-5811	OE
Talent Search	M-Th – 8-5; F – 8-2:30	Denise “Nikki” Cayanan	986-5978	CSSC
Transfer Center	MT – 8-5; WTh – 8-7; F – 8-2:30	Olivia Menchaca	986-5837	LRC
Upward Bound	M-Th – 8-5; F – 8-2:30	Staff	986-5847	TBA

Support Services Directory (Cont.)

<i>Counseling/Careers & Health Services</i>	<i>Hours</i>	<i>Contact Person</i>	<i>Telephone</i>	<i>Bldg.</i>
Counseling (Academic, Personal, Career and Personal Assessment, Graduation Requirements)	MW – 8-7; T – 8-5; Th – 10-7; F – 8-12 Noon	Staff	986-5816	LRC
Re-Entry Center	M-F – 8:30-4	Staff	986-5833	CSSC
Health Services (General Health and Specialty Services)	M-Th – 8-4; <i>(weekly evening hours by appt.);</i> F – 8-12 Noon	Staff	986-5832	SS
Dental Hygiene Clinic	Appointments	Staff	986-5823	DHC
<i>Learning Support Services</i>	<i>Hours</i>	<i>Contact Person</i>	<i>Telephone</i>	<i>Bldg.</i>
Assessment/Orientation (Matriculation)	MW – 8-7; TTh – 8-5; F – 8-2:30	Staff	986-5864	LRC
Deaf Student Services	M-F – 8-5	Staff	488-8022 (TTY) or 986-5830	SS
Disability Services/Educational Assistance Center	M-Th – 8-5; F – 8-2:30	Staff	986-5830	SS
Learning Center	M-Th – 8-9; F – 8-2:30	Sandra Allen	986-5839	LRC
Library (Library usage, reference and research)	M-Th – 8-9; F – 8-2:30	Ray Acosta Colleen Wilson Harmony Rodriguez Tom Stough	986-5819- Circulation 986-5820 - Reference	LRC
Tutorial Center	M-Th – 8-5; F – 8-2:30	Jose Cornelio	986-5846	LRC

Members of the Teatro Inlakech perform for students visiting Oxnard College for the second annual "Día de Los Niños" celebration.



photo by Cathy Garnica

Información General

Historia del Colegio

Históricamente las comunidades de Oxnard, Camarillo y Port Hueneme, así como la mesa directiva y el Distrito de la Administración de Colegios Comunitarios del Condado de Ventura, (VCCCD) habían reconocido la necesidad de crear un colegio comunitario en la planicie de Oxnard, desde la fundación del distrito en 1962.

De acuerdo con el entendimiento establecido en esos primeros años, en 1968 se adquirieron 118 acres. En 1969, se ofrecieron las primeras clases bajo el concepto de Centro de Oxnard, en la escuela Ramona en Oxnard.

En el otoño de 1973, el programa del Centro de Oxnard se extendió con la apertura del Centro Educativo de Oxnard, ubicado entre la calle 9a. y "B" de Oxnard, 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.

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 enfocó 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 sus 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 varios 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, ésta fue la mayor inscripción de estudiantes para un primer año de clases del que se tenga conocimiento en los colegios de la comunidad de California.

En el otoño de 1979, los primeros dos edificios permanentes fueron utilizados: El edificio de Artes Liberales 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.

El edificio mas recientemente construido, el de Educación Ocupacional, alberga el centro de procesamiento de información, los programas de refrigeración y aire acondicionado, hotelería, electrónica y el procesado de palabras.

A principios de 1992, se abrió la nueva guardería infantil, y el nuevo edificio de educación física con canchas de baloncesto, raquetball, 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. Un Centro Comunitario y Servicios para Estudiantes fue terminado en la primavera del 2003. 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 Distrito del Colegio Comunitario del Condado de Ventura firmó un convenio en 1999 con el Condado de Ventura para mantener un Centro de Empleos y Carreras en el Campus. El Centro provee a los residentes del Condado con el entrenamiento para carreras y los servicios sociales necesarios para obtener sus objetivos profesionales. En el Centro se encuentran también el Centro de Desarrollo Económico del Colegio de Oxnard, Oficinas del Condado, así como el Centro de Desarrollo Económico, EOPS. Las oficinas de Servicios Estudiantiles se mudaron al edificio Comunitario y de Servicios Estudiantiles en el otoño del 2003.

El Centro consiste de cuatro edificios modulares con un espacio de 15,800 pies cuadrados para oficinas y salas de trabajo donde los especialistas en empleos y trabajos pueden ayudar a las personas que buscan trabajo, con informe sobre servicios de cuidado infantil,

oportunidades educacionales y entrenamiento para carreras en el Colegio de Oxnard. El Centro también mantiene un Centro de Desarrollo Económico del Colegio de Oxnard.

Un número de nuevos edificios y proyectos de renovación serán terminados en los próximos 10 años, debido a la aprobación de la Medida S, y un bono de \$356 millones de dólares dirigidos para la construcción de proyectos en todo el Distrito. En el Colegio de Oxnard estos nuevos proyectos incluyen el ansiado Centro de Artes de Música y Teatro que incluyen un teatro, un centro de administración y servicios a estudiantes, tres edificios para salas de clase, un edificio para Ciencias de la Salud y una bodega para este campus. En la propiedad del Distrito en el Aeropuerto de Camarillo, serán construidos un Centro de Alta Tecnología y un Centro de Tecnología de Incendios. Las principales renovaciones en el campus serán el Centro de Aprendizaje y Recursos Educativos y la expansión del Centro de Servicios Comunitarios y Estudiantiles para incorporar una nueva Librería y Cafetería; la expansión del Centro de Desarrollo Infantil y la remodelación y expansión del complejo atlético.

El Centro de Oxnard continúa con su compromiso de desarrollar un programa educacional comprensivo, como también mantener un ambiente universitario amplio para el estudiante y el área de servicio. El objetivo primordial completar la planta física del campus; ésto ha sido posible gracias a la excelente voluntad de los residentes del Condado de Ventura al apoyar los diferentes proyectos en el bono.

Misión del Colegio

Conforme con la filosofía de proveer oportunidad educativa, acceso a la información, y capacitación, a una comunidad diversa como lo es Oxnard, el Colegio de Oxnard ofrece excelentes programas presentados de una manera colaborativa y en un ambiente que promueve éxito y el deseo de aprender. El colegio se esfuerza en ejemplificar los siguientes valores:

Diversidad y Similitud

Valorizamos a otros y a nosotros mismos como individuos y apreciamos las cosas que tenemos en común y las diferencias que promuevan lo mejor que hay en cada uno de nosotros.

Excelencia

Valorizamos visión, creatividad, los riesgos que tomamos y las innovaciones para lograr excelencia.

Integridad y Civilidad

Valorizamos integridad, honestidad y congruencia en la acción y la palabra, para demostrar generosidad y respeto en todas nuestras interacciones.

Conocimiento

Valorizamos el conocimiento como un proceso continuo de aprendizaje y desarrollo personal.

Compartir en las decisiones

Valorizamos el compartir en las decisiones que nos afectan como un proceso que nos de la oportunidad de llegar a un consenso.

Visión del Colegio de Oxnard

La comunidad de aprendizaje colaborativo del Colegio de Oxnard tiene la siguiente visión:

- Se basará en el conocimiento completo y actual para todas las áreas de instrucción y de servicio.
- Proveerá una instrucción innovativa, apropiada y efectiva que asegure el éxito educacional.
- Facilitará y exhortará a los estudiantes al uso de los servicios disponibles para su éxito educacional.
- Exhortará a los estudiantes a ser auto-confidentes y tener una vida de experiencias y aprendizaje.
- Asegurará a los estudiantes y profesionales el acceso a la tecnología y desarrollará una proficiencia en todas las formas de comunicación, obtención de información, pensamiento crítico y analítico.
- Demostrará y fomentará el respeto a diferentes formas de necesidades educacionales y contribuciones culturales.

- Desarrollará las habilidades de liderazgo de los estudiantes, la comprensión de la interdependencia global, la apreciación de la diversidad de culturas humanas e inter-culturales.
- Establecerá una relación beneficiosa con la industria y la comunidad.
- Proveerá liderazgo y recursos para el desarrollo económico y mejorará la calidad de vida de la región.
- Estimulará a los estudiantes y a todos los profesionales a desarrollar un compromiso para servir a las comunidades y co-seres humanos.
- Promoverá una cultura que desarrolle, el respeto y la integridad.
- Asegurará suficientes recursos materiales, humanos y otros para facilitar el cumplimiento de todo lo anterior.

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 se han graduado de estudios secundarios o son mayores de 18 años de edad y capaces de asimilar la instrucción.

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 apropiado y modesto.

—Sócrates.

El Colegio de Oxnard sigue la filosofía de proveer programas educacionales que desarrollen habilidades individuales, fortalezcan las relaciones humanas, realcen 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 reflejen 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 en día, 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 al 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, a las necesidades de la sociedad en general.

Acreditación

El Colegio de Oxnard está acreditado por la Comisión de Acreditación de los Colegios Comunitarios de la Asociación Occidental de Escuelas y Colegios, una institución reconocida por la Comisión de Reconocimiento de Acreditación Postsecundaria del Departamento de Educación de los Estados Unidos.

Servicios Comunitarios

Los servicios comunitarios se mantienen por sí mismos y la función del Colegio de Oxnard es ofrecer a la comunidad clases educacionales, recreativas y de desarrollo personal.

Adicionalmente y según autorizado por el Decreto Cívico, la oficina del Centro de Servicios Comunitarios programa y coordina el uso del colegio para diferentes organizaciones e individuos de la comunidad. Para información acerca de cualquier programa o función de servicios de la comunidad, llame al (805) 986-5822.

Meta del Razonamiento Analítico

El Colegio de Oxnard ofrece en sus aulas un ambiente abierto a las ideas, en forma independiente y analítica. Las clases están estructuradas para enfatizar los fundamentos del aprendizaje de una manera profunda. Se espera que los estudiantes tomen responsablemente su propio aprendizaje. Esto significa que los estudiantes aprenderán el arte de estudiar autodidácticamente y desarrollarán 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.

Los cursos ayudan a los estudiantes a desarrollar y aplicar habilidades del pensamiento crítico a las varias áreas de aprendizaje en el colegio y a transferir estas habilidades a los problemas en las varias disciplinas estudiadas y a los problemas complejos en sus vidas. Se promueve el pensamiento analítico para que los estudiantes practiquen lo dicho por Robert Ennis: "el pensamiento razonable y reflexivo que esté enfocado en decidir que creer o hacer."

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.

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 de cuotas de inscripción.

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. Los estudiantes que no han calificado para admisión en otras instituciones deben de 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, a la oficina de Inscripciones www.vcccd.net/webstar.

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 documentos de estudios de preparatoria cursados en los últimos tres años.
2. Todos los estudiantes que sean veteranos de guerra y reciben ayuda financiera deben presentar documentos de los cursos completados en otros colegios y universidades.
3. Todos los estudiantes que se inscriban en cualquier curso de matemáticas, deben presentar documentos de los cursos de matemáticas que hayan completado, ya sean de preparatoria y/o universidad, de otros colegios a los que hayan asistido durante los últimos tres años.
4. Todos los candidatos a Diplomas (Associate Degrees) y/o Certificados en estudios vocacionales deben mandar documentos de todos los cursos completados en otros colegios y universidades.
5. Los programas con requisitos especiales de admisión exigen que el estudiante proporcione todos los documentos 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 documentos de los estudios de preparatoria, así como los de otros colegios y universidades a que hayan asistido.

Unidades de trabajo Académico:

El número de unidades académicas para el trabajo escolar es de quince (15) unidades por semestre para obtener un progreso académico adecuado hacia el grado de AA/AS y los requisitos de transferencia.

Los estudiantes que deseen tomar un sobre cargo- más de 19.5 unidades pero menos de veintidós (22) deben obtener la aprobación del consejero. Los estudiantes que deseen tomar veintidós (22) unidades o más deben tener la aprobación del Decano de Estudiantes y la aprobación del Consejero.

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. Web - www.vcccd.net/webstar.

Inscripción Tarde

Las inscripciones extemporáneas tendrán lugar al comenzar las clases de los semestres de otoño y primavera según se estipule en los horarios del clases.

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 quien llene los prerequisites a la clase o programa, al menos que estén específicamente exentos.

AB540 Exención de Matrícula para los no-residentes

De acuerdo con el Código Educativo Sección 68130.5, cualquier estudiante, excepto el que no sea inmigrante bajo U.S.C. 8 1101(a) (15), podrá estar exento de pagar matrícula de noresidente en cualquier colegio del distrito, después de llenar un cuestionario prescrito por el Canciller del Estado, si él o ella:

1. asistió a la secundaria en Ca. por tres o mas años y
2. se graduó de una secundaria en California o recibió el equivalente de graduado.

Para mas información póngase en contacto con la oficina de Admisiones al teléfono (805) 986-5810.

Servicios de Matriculación Promueven el Exito del Estudiante

La meta principal de Matriculación es la de ayudar a que todos los estudiantes obtengan éxito académico. El colegio y cada uno de los

estudiantes trabajan juntos combinando varias actividades y métodos para desarrollar un Plan Estudiantil Educativo (SEP). El SEP es un horario de cursos recomendado de dos semestres. Dentro del proceso de Matriculación, las responsabilidades del Colegio y el estudiante están bien definidas.

La Responsabilidades del Colegio incluyen:

Admisión y Documentación – proveer un proceso de admisión y documentación que permita al colegio adquirir la información requerida sobre los estudiantes.

Evaluación – proveer un proceso de evaluación utilizando métodos múltiples para determinar la preparación académica del estudiante in Inglés, Lectura, Matemáticas e Inglés como Segunda Lengua.

Orientación – proveer un proceso de orientación diseñado a familiarizar al estudiante con los programas, servicios, áreas, expectativas académicas y reglamentos del colegio.

Asesoramiento – proveer servicios de asesoramiento/consejería para ayudar a los estudiantes en la selección de cursos, desarrollo de un plan educativo individual y el uso de servicios de apoyo en el campus; proveer asesoramiento adicional para los estudiantes que no han declarado una meta educativa, que estén inscritos en cursos de habilidades básicas, que estén en período de prueba/destituídos, o hayan sido identificados como estudiantes de alto riesgo.

Estudio complementario – establecer un proceso de alerta para seguir el progreso del estudiante y proveer la asistencia necesaria para lograr sus metas educativas, proveer a los estudiantes con (o dirigirlos a) procedimientos escritos del distrito para entender medidas regulatorias de matriculación.

NOTA: Se proveen servicios alternativos para el proceso de matriculación a los estudiantes de minorías étnicas, de lenguaje y estudiantes con incapacidades.

Las Responsabilidades de los Estudiantes Incluyen:

1. Entregar documentación oficial de notas/grados de la escuela secundaria y colegios a los que han asistido.
2. Adquirir y leer el catálogo del colegio, el horario de clases, folletos, y otro material estudiantil que detallen los procedimientos y reglamentos del colegio.
3. Indicar al menos un objetivo educacional amplio al momento de ser admitido.
4. Declarar un objetivo educacional específico después de haber completado un mínimo de 15 unidades.
5. Participar en los grupos de orientación, evaluación y otros servicios de ayuda necesarios estimados por el colegio para que el estudiante cumpla su objetivo educacional.
6. Asistir a todas las clases y completar las tareas asignadas.
7. Completar los cursos y mantener un progreso hacia su objetivo educacional deseado.

Normas de Exención de Matriculación*

***Los cursos de Matemáticas, Inglés y Lectura requieren una evaluación al estudiante, antes de ser inscrito en esos cursos.**

Todos los estudiantes están invitados a participar en el proceso de matrícula. Ustd puede estar exento del proceso si cumple con el siguiente criterio:

1. Los estudiantes que ya han obtenido un grado de AA/AS o mayor de una institución regional acreditada y **PUEDEN DEMOSTRARLO CON LA DOCUMENTACIÓN NECESARIA.**
2. Los estudiantes que han completado su evaluación de cursos de habilidades básicas o cursos de prerequisites en otros colegios y **PUEDEN DEMOSTRARLO CON LA DOCUMENTACIÓN NECESARIA.**
3. Los estudiantes que están inscritos en otro colegio del distrito simultáneamente, o en un colegio de cuatro años o universidad, y que han completado menos de 16 unidades de colegio y **PUEDEN DEMOSTRARLO CON LA DOCUMENTACIÓN NECESARIA.**

4. Los estudiantes que han completado menos de 16 unidades y cuyo objetivo educacional están entre los siguientes:
 - a. Avance y progreso actual de sus habilidades de trabajo.
 - b. Mantenimiento de un certificado (por ejemplo, enfermería, corredor de propiedades.)
 - c. Desarrollo educacional.
 - d. Interés personal.

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.

Programa de Admisión para Estudiantes de Secundaria

De acuerdo al Código Educacional del Estado de California, los estudiantes de escuela secundaria que son "juniors" o "seniors" son permitidos a inscribirse en cursos del colegio. Los derechos de inscripción les son exentos para aquellos estudiantes que están simultáneamente inscritos en la escuela secundaria; sin embargo, el derecho de salud es obligatorio y debe ser pagado por el estudiante.

El alumno debe entregar una forma especial aprobada para estudiantes secundarios de medio tiempo; firmada por los padres o tutor del estudiante y por el director de la escuela. Esta petición está disponible en la Oficina de Admisión y Documentación en el colegio de Oxnard o en la escuela secundaria del estudiante. **Si la persona está en un grado inferior al 11, éste debe proveer una carta de los padres y Director explicando el beneficio que el estudiante obtendrá de las clases. Los padres y el estudiante deben hacer una cita con el Decano de Servicios Estudiantiles, 986-5847.**

Los Estudiantes menores de 18 años que no están inscritos en una escuela pública pueden pedir a sus padres que pidan al Inscriptor (Registrar) ser admitidos como alumnos especiales de tiempo completo. Si la petición se aprueba, estos estudiantes pueden inscribirse en cursos vocacionales o académicos.

Los Estudiantes Internacionales

Un estudiante internacional es una persona que es residente permanente de otro país, y está en los Estados Unidos bajo Visa.

Se reconoce el valor de los estudiantes internacionales inscritos en los colegios en los Estados Unidos de Norteamérica. El Colegio de Oxnard se complace en dar la bienvenida a los estudiantes internacionales a su campus.

Los reglamentos del Distrito concerniente a estudiantes internacionales, se incluye en Apéndice IX.

Requisitos de Residencia

El derecho de cualquier estudiante de asistir a un colegio comunitario en California está condicionado a ciertos requisitos de residencia. La ley del estado de California indica lo siguiente:

Con el objeto de establecer residencia legal en California para propósito de admisión, colegiatura, el estudiante debe haber vivido en California al menos un año antes que preceda al semestre y fecha que determina la residencia para calificar como "estudiante residente". La fecha de residencia para un semestre dado es el día antes de la fecha en que comienza el semestre.

Es la responsabilidad del estudiante demostrar su presencia física e intención de establecer residencia permanente en California. Presencia e intención pueden ser demostrados de diferentes formas.

Debido a la complejidad en estas leyes, los estudiantes que tengan dificultad en determinar su residencia deben contactarse con el Inscriptor (Registrar) en la Oficina de Admisión y Documentación.

Los estudiantes clasificados como "no residentes", tendrán que pagar una colegiatura fijada cada año por la Legislatura del Estado de California. El costo es publicado en el Horario de Clases cada semestre y debe ser pagado antes de poder matricularse en el colegio.

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 educativos a instituciones de educación universitaria apoyadas por el estado, es autorizado para clasificación como residente en cualquiera 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 una exención para los dependientes del personal militar cuyos esposos(as) estén asignados a las bases de California.

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 periodo 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

A 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 documentos certificados. Estos documentos 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.

Colegios o Universidades Extranjeras

Los estudiantes que se transfieran a los colegios del Condado de Ventura de un colegio o universidad extranjera deben tener sus documentos 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 documentos oficiales a la agencia y pedir que la agencia envíe la evaluación oficial de los documentos 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 avanzada no podrán inscribirse en los mismos cursos universitarios. El profesorado determinará el equivalente de los cursos. Otros colegios o universidades pueden tener diferentes reglamentos.

All examinations require a score of 3, 4, or 5.

Examination	College Credit	OC Course Equivalencies
American Government	3 Units	POLS R101
American History	6 Units	HIST R102 & R103
Art History	6 Units	ART R102 & 3 units Humanities
Art Studio Drawing	6 Units	3 units Fine Arts & 3 units Humanities
Art Studio General	6 Units	3 units Fine Arts & 3 units Humanities
Math Calculus AB	5 Units	MATH R120
Math Calculus BC	5 Units	MATH R121
Biology	6 Units	BIOL R120 (no lab)
Chemistry	5 Units	CHEM R120
English Language and Composition	4 Units	ENGL R101
English Language and Literature	3 Units	ENGL R102
European History	3 Units	HIST R106
Physics B or C	6 Units	PHYS R101
Spanish Language	10 Units	SPAN R101 & R102
Spanish Literature	10 Units	SPAN R103 & R104

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 éste 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 documentos mostrando los créditos permitidos para obtener un diploma, de la misma manera que si el estudiante hubiese sido un estudiante civil y no militar.

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

Empleo Estudiantil: 12 unidades (generalmente); 6 unidades o menos si es elegible para CalWORKs, DSPS, EOPS o FWS.

Cuotas Estudiantiles

Cuotas

Las siguientes cuotas estudiantiles aparecen aquí para su información y están sujetas a cambio sin previo aviso. La mayor parte de las cuotas son requeridas por la ley en California. Todas las cuotas se deberán pagar durante la matriculación. El estudiante que no pague o haga algún arreglo para pagar la cuota obligatoria, dentro de un tiempo limitado, será dado de baja de todas las clases y no recibirá calificación alguna, diplomas o permiso para incorporarse en cursos académicos en el futuro. Al estudiante que deba cuotas anteriores, no se le permitirá inscribirse hasta que pague todo lo que debe. Todas las cuotas se deberán pagar en la Oficina de Negocios Estudiantiles.

Cuotas Obligatorias

1. Pago de Inscripciones

La cuota de inscripción está fijada por la Legislatura de California y está sujeta a cambios. La cuota básica es de \$18 por unidad, \$9 por ½ unidad y \$4.50 por ¼ de unidad. Todas las cuotas están sujetas a cambios. Los residentes de California que reciben beneficios bajo CalWORKs, SSI/SSP, Asistencia General o que cumplen con ciertas reglas de ingreso, pueden estar exentos de pagar esta cuota, verificando su participación en estos programas con la oficina de Ayuda Financiera. Los estudiantes que asisten a la escuela secundaria están exentos de pagar esta cuota.

2. Cuotas de Salud

Una cuota obligatoria de \$12 por semestre (\$9 durante el semestre de verano), cubre una cuota de salud. Estas cuotas autorizan a los estudiantes a recibir servicios en el Centro de Salud Estudiantil. De acuerdo con el Código Educativo de California y el reglamento de la mesa directiva, usted está obligado a pagar la cuota de salud, sin importar el número de unidades que tenga, a menos que usted esté exento de pagar esta cuota por alguna de las siguientes razones según el Código Educativo §76355:

- Usted califica para la Mesa de Gobernadores (BOGW) y está exento de cuotas o está Identificado por la Oficina de Ayuda Financiera y califica bajo el Código §76355.
- Depende exclusivamente del rezo para la salud de acuerdo con las enseñanzas de una religión establecida, denominación u organización. Se requiere documentación de su membresía en ellas.
- Asiste al colegio bajo un programa de entrenamiento que ha sido aprobado y se encuentra bajo el Código Educativo §76355.

3. Cobro por materiales (útiles)

Los estudiantes que se inscriben en ciertos cursos deben pagar por los materiales necesarios en sus clases. Estos materiales pueden ser los textos, equipo, ropa y materiales necesarios para el entrenamiento vocacional o de empleo.

4. 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 a esta cuota. Esta forma está disponible en el Centro Estudiantil y se regresa a la oficina de Asuntos de Estudiantes.

5. Cuota para el Centro Estudiantil

La cuota para el Centro Estudiantil fue establecido 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. Estudiantes que reciben beneficios de CalWORKs, SSI/SSP, o Asistencia General, pueden ser exentos de pagar esta cuota verificando su participación en estos programas en la oficina de Ayuda Financiera.

6. Colegiatura para estudiantes no residentes en California

La mesa Directiva del Distrito de los Colegios comunitarios de Ventura ha adoptado el costo estipulado por el estado de \$149 por unidad para los estudiantes que no son residentes de California. Este costo es además del costo de inscripción.

De acuerdo con el Código Educacional §68130.5, cualquier estudiante que no sea inmigrante extranjero bajo Title 8 U.S.C. 1101(a) (15), está exento de pagar la colegiatura después de llenar un cuestionario en la oficina de Admisiones y Registro, si él o ella:

1. asiste a una secundaria en California por tres o mas años;

2. Se graduó de una secundaria o tiene su equivalente.

7. Colegiatura para no residentes (Estudiantes Internacionales)

La mesa Directiva del Distrito de los Colegios comunitarios de Ventura han adoptado el costo estipulado por el estado de \$163 por unidad para los estudiantes internacionales, ese costo de \$14 es por sobre costo de capital extranjero.

Usted debe pagar esta cuota a menos que califique para alguno de los siguientes casos, según el Código Educativo §76141:

- debe demostrar una situación económica difícil o
- ser víctima de persecución en el país donde reside.

8. Cuota de solicitud (Estudiantes Internacionales)

Los estudiantes internacionales pagan una cuota de \$50, que no tiene devolución, para que sean admitidos en el Colegio de Oxnard. Esta cuota cubre el costo de la documentación federalmente requerida.

Usted debe pagar esta cuota a menos que califique para alguno de los siguientes casos de según Código de Educativo §76142:

- debe demostrar una situación económica difícil o
- ser víctima de persecución en el país donde reside.

9. Cheques sin fondos/Tarjetas de crédito sin fondos

Los estudiantes que paguen sus cuotas, libros o cualquier otro costo con cheque o tarjeta de crédito que sean regresadas por el banco por fondos insuficientes, tendrán que pagar \$10 por cada transacción.

Cuotas No-Obligatorias

Las cuotas 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

a. Cuota para el Semestre Regular (12 semanas o más):

(1) Automóviles: Semestre regular \$40

(2) Motocicletas: Semestre regular \$28

b. Cuotas por Término Corto (menos de 12 semanas):

(1) 6 a 11 semanas: Automóvil \$28; Motocicleta \$16

(2) 1 a 5 semanas: Auto \$12; Motocicleta \$8

c. Sesión de Verano: Auto \$19; Motocicleta \$12

d. Permiso para segundo vehículo: \$8; \$7 para el verano

e. Permiso duplicado: \$7; regular \$5 durante el verano

f. Permiso por un día: \$1 (comprado en la máquina del estacionamiento en South Campus Road)

El permiso de estacionamiento se puede comprar en la Oficina de Negocios Estudiantiles. Estos permisos se requieren para estacionamiento en todo el Campus. Los estudiantes que reciben beneficios de CalWORKs, SSI/SSP o asistencia general, o que califican para la Mesa de Gobernadores (BOGW) están exentos de pagar la cuota en exceso de \$20 por semestre.

Los estudiantes que pueden comprobar que regularmente traen dos o más pasajeros en su coche, pueden calificar para una reducción en su cuota de estacionamiento, \$30 en el semestre de otoño y primavera y \$10 para el semestre de verano.

2. Guardería de Niños

Los estudiantes que utilicen los servicios del Centro de Desarrollo Infantil para el cuidado de sus niños durante el tiempo que asisten a sus clases, pagarán cuotas según el número de niños, la edad de los niños y según el tiempo que estén en la guardería.

3. Tarjeta de Identificación Estudiantil

Esta tarjeta se puede comprar por \$6 por semestre o \$10 por el 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.

4. Libros de Texto y Útiles

Los libros de textos o útiles 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.

5. Documentos

Los estudiantes reciben sus primeros dos documentos gratis. Se cobrará \$3 por cada documentos adicional y \$5 por documentos requeridos 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 = No Crédito	

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 por escrito. 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 "T" 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 sea extendido.

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 éste. 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 éste, 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 deberá 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" deberá 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""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 o 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 reúne 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 (www.vcccd.net). 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 fe, 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

Los 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 concederá 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 documentos 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 conceder 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 el 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 examen 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 ganan 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 examen 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 examen 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 examen 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 para 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 examen 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 examen no contará para el mínimo de las 12 unidades requeridas para la residencia en el colegio. El crédito por examen puede darse solamente en un curso, de una secuencia de cursos, tal como está determinado por los prerequisites. 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 examen 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 Examen" 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 décima 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 examen 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 examen 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

Los instructores tienen la responsabilidad y la autoridad para tratar con casos de fraude y plagio que ocurren en sus clases. 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 a 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 Examen" 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

A los 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 si 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 el colegio en el que deseen participar en la Lista de Honor.

Reconocimiento de Honores Académicos

Reconocimiento de Honores Académicos

Los estudiantes que han mantenido calificaciones altas, son elegibles para graduarse con honores. Hay tres tipos de honores: los más altos honores, honores altos y honores.

Graduación con los Honores mas altos

La designación de honores más altos aparecerá en el documento y diploma del graduado quien ha obtenido un promedio de 4.0 (GPA). El graduado con honores altos deberá haber completado al menos 30 unidades en uno de los colegios de la comunidad del Distrito del Condado de Ventura, 18 o más de esas unidades deben haber recibido una calificación del letra (A,B,C,etc.)

Graduación con Honores altos

La designación de honores aparecerá en el documento y diploma del graduado quien ha obtenido un promedio de 3.75 (GPA). El graduado deberá haber completado al menos 30 unidades en uno de los colegios de la comunidad del Distrito del Condado de Ventura, 18 o más de esas unidades deben haber recibido una calificación de letra (A,B,C,etc.)

Graduación con Honores

La designación de honores aparecerá en el documento y diploma del graduado que ha obtenido un promedio de 3.5 (GPA). El graduado deberá haber completado al menos 30 unidades en uno de los colegios de la comunidad del Distrito del Condado de Ventura, 18 o más de esas unidades deben haber recibido una calificación de letra (A,B,C,etc.)

Regulación de Grabadoras en Clase

Los 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, quien notificará a la Oficina de Aprendizaje.

Servicios al Estudiante

CalWORKs/TANF

En California, TANF (Asistencia Temporal para Familias Necesitadas) fue implementado y nombrado CalWORKS (Oportunidades de Trabajo y Responsabilidad para niños) Como resultado, recursos y servicios se han añadido y están disponibles para las personas que reciben asistencia de TANF y que están asistiendo al colegio. Los estudiantes que desean ser elegibles para los servicios de TANF, necesitan inscribirse en la oficina de Servicios de CalWORKS/TANF.

Los servicios que se ofrecen son: asesoría académica y de consejería individual; cuidado de niños en el Campus, servicios de empleo, exámenes vocacionales, oportunidades de Estudio-Empleo y módulos de Proficiencia al Nivel de Entrada, que son de tiempo corto y relacionado con los cursos de Automovilismo, Asistente Administrativo, Desarrollo de la Niñez, Servicio al Cliente, Administración de Hotel y Restaurante, Servicios Humanos y Ocupación de Oficinas. Todos estos programas incluyen entrenamiento en el trabajo.

La oficina de CalWORKs/TANF se encuentra en el nuevo edificio CSSC al norte de la biblioteca en las Oficinas de Iniciativas de la Comunidad. Para más servicios, llame (805) 986-5887.

Centro para Recursos sobre Carreras

El Centro ofrece información sobre empleos disponibles para los estudiantes inscritos, los exalumnos y público en general. En el Centro se encuentra una lista de oportunidades de trabajo en el Campus y fuera de él, así como información sobre diferentes carreras, información sobre la situación actual laboral, como escribir un resumen de trabajo y habilidades para encontrar empleo. Personal del Colegio y del Condado están disponibles para ayudar.

El Centro también provee materiales para asistir en hacer decisiones personales. Estos incluyen inventarios de interés, indicadores de varios tipos de personalidad y programas de computadora "Eureka y Career Locker" que ofrecen información e ilustraciones en video sobre más de 400 ocupaciones.

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 afectar 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 necesitan 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 ayudarles 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, está disponible junto con exámenes diagnósticos y académicos.

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.)

suspendido para el año académico, 2003-2004.

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 se 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 40	ESL 50	ESL 60	ESL30A, 30B
Nivel 2	ESL 42	ESL 52	ESL 62	ESL30C
Nivel 3	ESL 44	ESL 54	ESL 64	ENGL30V, 30S
Nivel 4	ESL 46	ESL/ENGL 56	ENGL 66	ENGL 80
Clases no consideradas Inglés Como Segundo Idioma	SPCH 108	ENGL 95	ENGL 68	ENGL 30's
			ENGL 140 ENGL 96	ENGL 90

CONVERSACION:

ESL R040 Conversación en Inglés 1/English Conversation 1
ESL R042 Conversación en Inglés 2/English Conversation 2
ESL R044 Conversación en Inglés 3/English Conversation 3
ESL R046 Habilidades de escuchar y hablar/
ESL Oral/Listening Skills

LECTURA:

ESL R050 Lectura 1/Reading Skills 1
ESL R052 Lectura 2/Reading Skills 2
ESL R054 Lectura 3/Reading Skills 3
ENGL R056 Lectura 4/Reading Skills 4

GRAMATICA Y ESCRITURA:

ESL R060 Gramática y Escritura 1/Grammar & Writing 1
ESL R062 Gramática y Escritura 2/Grammar & Writing 2
ESL R064 Gramática y Escritura 3/Grammar & Writing 3
ENGL R066 Gramática y Escritura 4/Grammar & Writing 4

VOCABULARIO:

ESL R030A Vocabulario Bilingüe 1/Bilingual Vocabulary 1
ESL R030B Vocabulario Bilingüe 2/Bilingual Vocabulary 2
ESL R030C Vocabulario Bilingüe 3/Bilingual Vocabulary 3
ENGL R030V Vocabulario/Vocabulary
ENGL R030S Ortografía/Spelling
ENGL R080 Desarrollo de Vocabulario/Developmental Vocabulary

Hay Personaje 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.

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 al escoger una carrera. Se 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 comunicación en español y para 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 hispanoamericana, para el enriquecimiento cultural del estudiante.

SPAN R117-3 unidades

Literatura Hispanoamericana

Perspectiva de la literatura hispanoamericana en un semestre; entre otros géneros: 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.

Instituto para el Desarrollo de la Familia

Si usted es estudiante y padre o madre de un niño (de 0 - 5 años) visite el Instituto de Desarrollo Familiar del Colegio de Oxnard. Uno de los componentes principales de este nuevo programa, está específicamente diseñado para ayudar al estudiante a mantenerse enfocado en el cumplimiento de sus metas educativas, ayudándole con las dificultades de ser padre/madre de familia.

La ayuda incluye becas para su niño en la Guardería Infantil, talleres, consejería familiar y recomendaciones, una biblioteca de videos, libros, juguetes y un sinúmero de servicios gratis adicionales disponibles en el condado de Ventura. (Ventura County Neighborhood). Estos servicios son pagados por FIRST 5 de Ventura County.

La oficina del Instituto para el Desarrollo Familiar del Colegio de Oxnard se encuentra en el Centro de Servicios Estudiantiles y de la Comunidad, al norte de la biblioteca. Para más información, llame al 986-5887.

Servicios Financieros

El Colegio de Oxnard está dedicado a proveer asistencia financiera a los estudiantes que califiquen y que no puedan pagar el costo de su educación. El Servicio Financiero del Colegio de Oxnard ayuda a más del 40% de sus estudiantes con algún tipo de ayuda financiera.

El Colegio de Oxnard participa en un sinúmero de programas Federales y Estatales, diseñados para asistir a los estudiantes con sus gastos en el colegio. Becas "Grants" son dineros que no tienen que pagarse y están basados en la necesidad económica del estudiante. Los estudiantes deben de conformar con ciertas reglas Federales/Estatales para poder calificar.

Federal Pell Grant: Este programa esta basado en la necesidad financiera del estudiante y la inscripción. Esta ayuda varía de \$200 a \$4,050 por año académico.

Federal Supplemental Educational Opportunity Grant (FSEOG): FSEOG es un programa de ayuda para los estudiantes que califican para el PELL GRANT. FSEOG es un programa dentro del Campus (fondos limitados). La ayuda depende de los fondos disponibles y están designados para los estudiantes con mayor necesidad económica. La ayuda varía de \$100 a \$800 por año académico.

Programa Federal de Trabajo/Estudio (FWS): FWS es un programa de ayuda-propia que provee trabajo de medio tiempo (generalmente en el campus) a los estudiantes no graduados y a los graduados (undergraduate and graduate). FWS es un programa en el Campus. Los fondos se adjudican según la necesidad del estudiante y si hay fondos disponibles. La ayuda varía de \$500 a \$3,000 por año académico.

State Cal Grants: Los programas de becas del Estado de California, es para estudiantes no graduados (undergraduates). La reciente expansión de este programa, incluye: Cal Grant A&B, Cal Grant A&B Competitivo, Cal Grant C y Cal Grant T. Los estudiantes deberán ser residentes de California y asistir a una institución educativa elegible en California. La ayuda varía de \$150 a \$1,551 por año académico.

Nuevos Programas de Cal Grant

Empezando con la clase de graduados del año 2000-2001, los estudiantes del cuarto año de secundaria y que satisfagan los requisitos académicos (3.0 GPA) para Cal Grant A; 2.0 GPA para Cal Grant B, y que estén dentro de cierto presupuesto económico y lo soliciten a tiempo, recibirán Cal Grant A o B. Todos los estudiantes de un colegio de la comunidad que satisfagan los otros requisitos del programa y lo soliciten a tiempo, recibirán un beneficio llamado "California Community College Transfer Entitlement" El Cal Grant T es solamente para estudiantes que planeen asistir a un programa para credencial de enseñanza e incluye un requisito de servicio de enseñanza.

Cal Grant A: Cal Grant A ayuda a los estudiantes de bajos recursos económicos con la colegiatura e inscripción a un colegio de 4 años. Los estudiantes que escojen asistir a un colegio de la comunidad podrán poner en reserva esta ayuda por 2 años hasta que se transfieran.

Cal Grant B: Cal Grant B provee un estipendio de vivienda (y algunas veces ayuda con la colegiatura de inscripciones) para estudiantes de bajos recursos económicos. Ayuda en el colegio de la comunidad esta limitada para ayuda de vivienda, libros, materials y transportación.

Cal Grant C: Cal Grant C es la ayuda para estudiantes inscritos en programas de carreras de educación (Certificado de Distinción/AS diplomas) y no tienen planes de transferirse. La ayuda es para pagar libros, materials y equipo.

Cal Grant T: Cal Grant T cubre un año de inscripción y colegiatura para un programa de preparación profesional de maestro. Los recipients deberán enseñar en una escuela de bajo nivel por un año por cada \$2,000 que reciban durante 4 años.

Grant de Colegio de la Comunidad para Transferirse: Todos los estudiantes que satisfagan los requisitos de admisión para una institución de 4 años, sea menor de 24 años y satisfaga otros requisitos del programa, recibirán un Cal Grant A o B para asistir a un colegio de 4 años. Esto se activó para el año académico del 2002 - 2003.

NOTE: Nuevos reglamentos Federales efectivos en octubre del 2000.

Los estudiantes que reciban fondos del Title IV y subsecuentemente dejen TODAS sus clases antes de completar el 60% del semestre, tendrán que pagar todos o parte de los fondos recibidos. El colegio posiblemente también tendrá que pagar un porcentaje de la colegiatura/inscripción calculada. Este Nuevo reglamento enfatiza la importancia de dar a conocer la fecha de retiro, ya sea por el estudiante o el colegio.

Prestamos Alternativos

Muchos de los bancos ofrecen préstamos alternativos a los estudiantes que no califican para la ayuda federal y necesitan fondos para costear los gastos del colegio. Regularmente utilizan la información de crédito para determinar elegibilidad. También pueden requerir la firma de otra persona.

Nuevos Reglamentos Federales para Retiro (Withdrawal)

Nuevos reglamentos Federales requieren que los estudiantes permanezcan inscritos o se enfrenten con la obligación de pagar la ayuda financiera recibida. Los estudiantes que dejen TODAS sus clases antes de completar mas del 60% del semestre, tendrán su ayuda financiera recalculada, basada en el porcentaje del semestre completado y tendrán que pagar una parte de la ayuda financiera recibida.

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 está dirigido por el 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.

Llame 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 o sin cita.

Todo estudiante matriculado tiene derecho a estos servicios.

Citas con un psicólogo están disponibles en el 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.

Programa Puente

suspendido para el año académico, 2003-2004.

Los estudiantes de Puente:

Tienen éxito académico

Son reconocidos como líderes y personas instruídas

Se gradúan de universidades y colegios de 4 años

Pertenecen a una red de líderes y profesionistas

Historia del Proyecto Puente: Puente fue fundado en 1981 por los codirectores Félix Galaviz y Patricia McGrath de Chabot College en Hayward. La misión del programa era incrementar el número de

estudiante México Americanos/Latinos para que continuaran en las universidades. Desde entonces Puente se ha extendido a 38 colegios de la comunidad a través de todo el estado. **Puente está abierto para todos los estudiantes.**

Muchos son los componentes que unidos preparan a los estudiantes para transferirse a los colegios y universidades de 4 años.

Instrucción en Inglés: Los estudiantes Puente toman 2 clases consecutivas de escritura, inglés R096 e inglés R101. En estas clases el estudiante encuentra una atmósfera estimulante y de apoyo para tener confianza en sí mismo y en sus habilidades para escribir, por medio de la exploración de la experiencia México Americana/Latina. A todos los estudiantes se les requiere que tomen la clase de Desarrollo Personal (Personal Growth R102 y R101A).

Asesoría: Los estudiantes de Puente trabajan muy de cerca con el consejero de Puente hasta que se gradúan; explorando opciones de carreras, desarrollo académico, plan educativo e identificación de metas duraderas. Los estudiantes visitan los Campus de las universidades de California y del Estado de California y asisten a una conferencia anual de Puente para transferencias.

Consejero/Mentor: A cada estudiante de Puente se le asigna un mentor de la comunidad profesional y de negocios. El Mentor comparte con el estudiante sus experiencias personales, académicas y sus carreras, dándole una idea de la "vida real" del ambiente de trabajo y las profesiones. La red de Mentors de Puente provee muchos recursos a los estudiantes, sus familias, sus colegios y la comunidad.

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, vicepresidente, 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

Las actividades incluyen: gobierno estudiantil, clubs y organizaciones, ferias, pláticas desarrollo personal, 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 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 crearse un cimiento sólido en el área de las 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 étnicos en diversas áreas multi-culturales se enfatizan en este programa.

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 programadas y distribuidas mensualmente por medio del "Calendario del Centro de Transferencia". El Centro de Transferencia está localizado en el edificio LRC.

Biblioteca/Centro de Recursos del Aprendizaje

En este sitio se encuentran la Biblioteca del Colegio, el Centro de Aprendizaje, el Laboratorio de Habilidades Académicas y el Laboratorio de Acceso, el Centro de Comunicaciones, el Centro de Matemáticas, el Centro Tutorial y de Escritura. Estos servicios se encuentran en el ala norte del edificio LRC en el primer piso y el "mezzanine".

Biblioteca

La Biblioteca del Colegio consta y apoya a la institución con una colección de 33,000 libros, 110 publicaciones y seis procesadoras electrónicas de datos. La colección incluye: Country Watch, CQ Researcher, Ethnic News Watch, FACTS.com, Health and Wellness,

Resource Center y ProQuest. Acceso a la colección de datos está disponible fuera del Campus para todos los estudiantes inscritos, el profesorado y empleados; pueden encontrar esta información en el Web page de la Biblioteca: <http://www.oxnardcollege.edu/library/library.html>. El catálogo de la Biblioteca se puede encontrar en <http://library.oxnardcollege.edu>. Los estudiantes con tarjeta de la biblioteca tienen acceso al Internet en la Biblioteca. El personal de la Biblioteca se reserva el derecho de prioridad para la investigación académica. El Centro de Aprendizaje, localizado en el mezzanine, provee un Laboratorio de Acceso Abierto de Computación.

Infórmese en el Escritorio de Circulación (Circulation Desk) sobre las reglas de préstamo de libros, tarjetas para el uso de la Biblioteca, libros en reserva y preguntas en general. El período de préstamo de los materiales es de tres semanas. Los materiales en reserva pueden ser solicitados por número de curso en el Escritorio de Circulación. Pida información en el Escritorio de Referencia (Reference Desk) acerca de libros, pregunta sobre referencias, asistencia con asignaturas o préstamos de libros de otras bibliotecas. Otros servicios están disponibles, tours y orientaciones sobre la biblioteca. Bibliotecarios(as) profesionales están disponibles durante el día y las tardes para asistir al estudiante. Se les encarece a todos los estudiantes para que hagan uso óptimo de la Biblioteca y sus recursos.

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!

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 this 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.

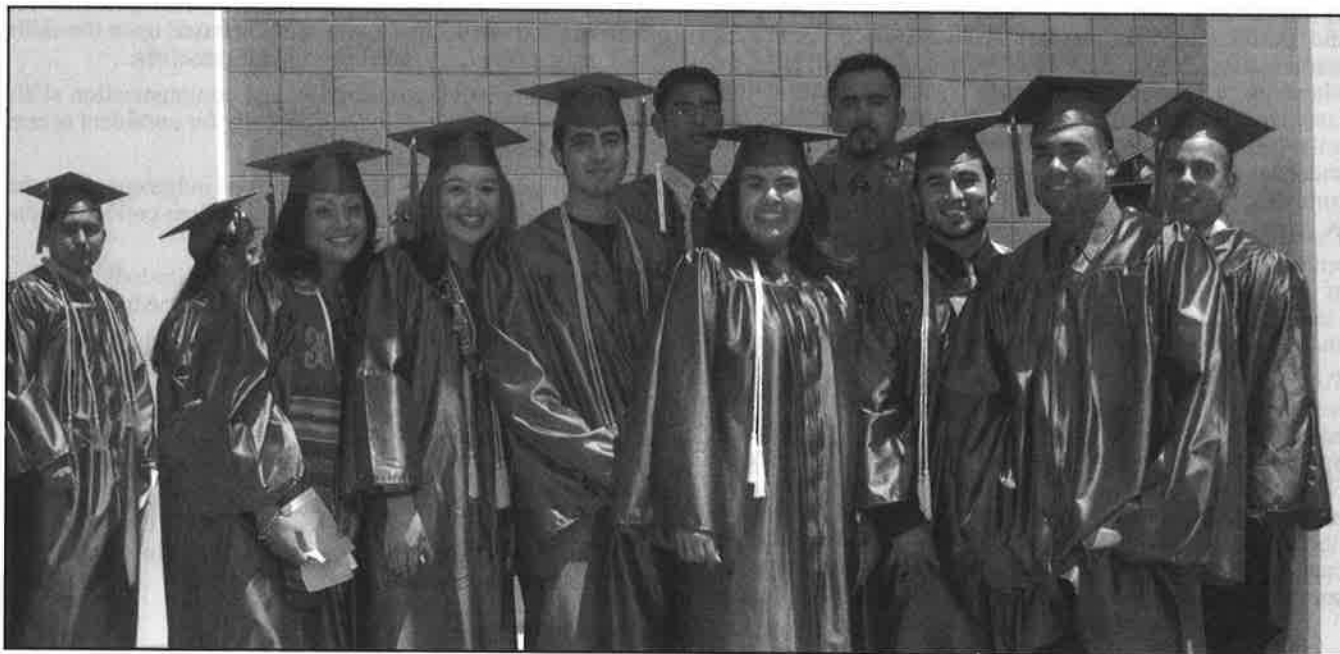
To promote the understanding that cooperation and peaceful resolution of disputes are the most morally defensible and practical ways to work through conflicts at all levels of social experience.

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 courses, designated degrees and certificates, and license/permit preparation as indicated in the chart on the following page.



Oxnard College 2003 Graduation

photo by Bob Knight Photo

OC Curriculum, Degrees and Certificates

	associate courses	degree	certificate	permit/licensing
Addictive Disorders Studies	X	X	X	X
♦ Addictive Disorders Studies in the Criminal Justice System	X	X	X	
African-American Studies	X			
Air Conditioning & Refrigeration	X	X	X	
American Sign Language	X			
Anthropology	X	X		
Area Studies	X			
Art	X	X		
♦ Two-Dimensional Studio		X		
♦ Three-Dimensional Studio		X		
Asian-American Studies	X			
Astronomy	X			
Automotive				
♦ Automotive Body Repair & Paint	X	X	X	
♦ Automotive Technology	X	X	X	
Biological Sciences	X	X		
♦ Anatomy	X			
♦ Biology	X	X		
♦ Botany	X			
♦ Microbiology	X			
♦ Physiology	X			
Business	X	X		
♦ Accounting	X	X	X	
♦ Business Management	X	X	X	
♦ International Business	X	X	X	
♦ Marketing	X	X	X	
♦ Retail Management	X		X	
Chemistry	X			
Chicano Studies	X			
Child Development	X	X	X	
♦ Family Day Care Provider	X		X	X
Computer Information Systems	X	X	X	
♦ Administrative Assistant	X	X	X	
♦ Office Automation	X			
♦ Office Microcomputers	X	X	X	
♦ Word Processing	X			
♦ Information Processing	X			
Computer Science	X			
Cooperative Work Experience	X			
Dental Hygiene	X	X		X
Disability Studies	X			
Economics	X	X		
Educational Assistance Center				
♦ Assistive Computer Technology	X			
♦ Learning Skills	X			
Employment Preparation	X			
Engineering	X			
♦ Engineering Technology	X	X	X	
♦ Computer Networking	X	X	X	
♦ CISCO (CCNA)	X	X	X	
♦ Microsoft Certified Engineer	X	X	X	
English	X	X		
English as a Second Language	X			

	associate courses	degree	certificate	permit/licensing
Environmental Technology	X	X	X	
Fire Technology	X			
♦ Pre-Service	X	X	X	
♦ Administrative Fire Services	X	X	X	
♦ In-Service	X	X	X	
Geography	X			
Geology	X			
Health Education	X			
♦ Health Education Technology	X	X		
History	X	X		
Hotel & Restaurant Management	X	X	X	
♦ Culinary Arts	X	X	X	
♦ Restaurant Management	X		X	
♦ Hotel Management	X		X	
Interdisciplinary Studies	X			
♦ Bilingual/Cross-Cultural	X	X		
Interpretation	X	X	X	
Japanese	X			
Journalism	X	X		
♦ Print Media Option	X		X	
♦ Public Relations Option	X		X	
Legal Assisting	X	X	X	
Library Instruction	X			
Marine Studies	X		X	
Mathematics	X	X		
Multimedia	X	X	X	
♦ Art/Graphics Option			X	
♦ Broadcast/Television Option			X	
♦ Business Option			X	
♦ Journalism Option			X	
♦ Music Option			X	
♦ Programming Option			X	
♦ Web Design Option			X	
Music	X			
Personal Growth	X			
♦ Leadership	X			
Philosophy	X	X		
Photography	X			
Physical Education	X			
Physical Science	X			
Physics	X			
Political Science	X	X		
Psychology	X	X		
Sociology	X	X		
♦ Human Services Option	X			
Spanish	X	X		
Special Education	X			
Speech	X			
Television	X	X		
Theatre Arts	X			
Travel & Tourism	X	X	X	

ASSOCIATE DEGREES

Awarded to students who have successfully completed a minimum of 60 semester units in general education courses with at least 18 units in one curriculum area.

CERTIFICATES

Awarded to students who have successfully completed a minimum of 18 units in an occupational curriculum.

LICENSE/PERMIT PREPARATIONS

Successful completion of course(s) prepares students to take necessary exams.

Graduation Requirements

As authorized by the California Education Code and Title V of the California Code of Regulations, 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.

AA/AS Requirements are on the next page.

AA/AS REQUIREMENTS 2003-2004

BASIC REQUIREMENTS: Completion of 60 semester units of degree-applicable college work with not less than a 2.00 GPA and completion of residence and competency requirements. **Always check with your counselor for current information.**

SPECIFIC MAJOR AA/AS GENERAL EDUCATION REQUIREMENTS: The completion of at least 24 units of general education, in addition to those units used to satisfy the requirements for the major.

A – NATURAL SCIENCES (One course of two or more units from sections 1 and 2.)	
1. BIOLOGICAL SCIENCE:	ANAT R100, R100L; ANTH R101; BIOL R100, R100L, R101, R101L, R106, R106L, R120, R120L, R122, R122L, R130, R135, R135L, R140L, R145L, R150L R170; BOT R100, R100L; CHEM R132; MICR R100, R100L; MST R100, R100L, R122, R122L, R175, R190, R195; PHSO R100, R100L; PSY R105
2. PHYSICAL SCIENCE:	AST R101, R101L; CHEM R100, R100L, R110, R112, R120, R122, R124L, R130, R132; GEOG R101, R101L, R103; GEOL R101, R101L, R102, R103, R103L, R104, R105, R107, R110; MST R103, R103L; PHYS R101, R102, R121, R122, R131, R132, R133; PHSC R170
B – SOCIAL & BEHAVIORAL SCIENCES (One course of two or more units from sections 1 and 2.)	
1. AMERICAN HISTORY/INSTITUTIONS:	AAS R101; 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 R100A, R104, R109, R110, R111, R112, R113, R114, R115, R116, R118, R119, R120, R121; IDS R102; JOUR R186; PHIL R109, R110, R114; POLS R101, R102, R104, R105, R106, R107, R108, R189A; PSY R101, R102A, R102B, R104, 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
C – HUMANITIES (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, 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 R100A, R100B, R105, R106, R109, R111, R118, 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
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, R140; 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, R139, R143; PG R101A, R101B, R102; PHIL R107, R111, R112, R121; PSY R103, R104; SPCH R101, R102, R104, R105, R108; TV R105
E – PHYSICAL EDUCATION & HEALTH (Choose one course from section 1 and one course from section 2.)	
1. HEALTH EDUCATION:	HED R101, R102, R103, R104, R105
2. PHYSICAL EDUCATION:	All Physical Education activity courses; MST R120L
F – WOMEN'S STUDIES/ETHNIC STUDIES (choose one course)—For General Liberal Arts & Science Majors ONLY.	
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	
G – FOR GENERAL LIBERAL ARTS & SCIENCE MAJORS ONLY (Select 9 additional units from Areas, A, B, C, D)	

9/03

Guidelines for Additional Degrees

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

- A. A student who has earned an associate degree at any regionally accredited institution may earn an additional associate degree.
- B. A student who holds a higher degree from any regionally accredited institution may earn an additional associate degree in a specific major.
- C. General Education requirements earned for one degree may be applied toward another degree.
- D. 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.
- E. 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.
- F. 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 Executive Vice President of Student Learning. 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.

Certificates of Completion

Instructional divisions may award Certificates of Completion to students who have satisfactorily completed a course or a sequence of courses designed to lead them to specific types of employment or to an upgrading of skills.

See page 41 for a list of the certificates offered by Oxnard College.

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.

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
		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 - 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 the Counseling Office 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-1), 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 Admission Guarantee (TAGs) Programs

The Colleges of Ventura County Community College District have secured partnerships with several four-year institutions, providing qualified students with guaranteed admission, once specified general education requirements are met. Typically, TAG students need to earn a minimum number of transferable units, need to be general education certified and need to have met all lower-division preparation for the student's chosen major. In addition, students typically need to attain an average GPA of at least 2.60 with no transferable course having a grade lower than a "C". Each four-year institution has its own set of specific criteria, including if there is a limit on which majors are acceptable as part of the existing TAG program.

Currently, Oxnard College students can explore TAG Programs with California State University at Channel Islands (CSUCI) and Northridge (CSUN) as well as with University of California at Riverside, Santa Barbara and Santa Cruz and Cal Lutheran University. A counselor can help students take advantage of these transfer opportunities by clarifying each transfer institution's requirements and deadlines and by initiating appropriate paperwork. Call (805) 986-5816 to make a counseling appointment.

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.

The IGETC 2003-2004 Certification Plan appears on page 50.

California State University General Education

Transfer Certification

Students who are specifically planning to transfer to one of the 23 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.

The OC/CSU General Education Certification Pattern is on the following page.

Transfer General Education Requirements

Admissions Information

California State University System

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. 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.

Transfer Admission Requirements to:

California State University

1. Students who have completed fewer than 56 transferable semester units must have a grade point average of 2.0 (C) or better in all transferable units attempted, be in good standing at the last college attended and meet any of the following eligibility standards:

- A. Transfer based on current admission criteria: Applicant meets the freshman admission requirements in effect for the term for which the application is being made; or
 - B. Transfer based on high school eligibility: Applicant was eligible as freshman at the time of high school graduation and has been in continuous attendance in an accredited college since high school graduation; or
 - C. Transfer based on making up missing subjects: Applicant had a qualifiable eligibility index at the time of high school graduation and has made up any of the missing college preparatory subjects with a grade of C or better, and has been in continuous attendance in an accredited college since high school graduation.
2. Transfer applicants with 56 or more transferable semester units must have an overall grade point average of 2.0 or better (2.4 for nonresidents) in transferable units attempted, be in good standing at the last college or university attended and meet any of the following standards:
 - A. Complete all subject requirements in effect at the time of high school graduation (both high school and college course work may be used to meet the college preparatory course requirements), or
 - B. Complete with a grade of C or better in each course a minimum of 30 semester units selected from courses in English, arts and humanities, social science, science and mathematics or at least equivalent level to courses that meet CSU General Education, Breadth or Intersegmental General Education Transfer Curriculum (IGETC) requirements. All CSU general education requirements in communication in the English language (at least 9 semester units) and in mathematics (usually 3 semester units) must be completed as part of the 30-semester unit requirement. The remainder of the units can be selected from any of the designated areas.

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

The California Code of Regulations, 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.

California State University (CSU) 2003 - 2004

TRANSFER GENERAL EDUCATION CERTIFICATION PLAN

Students transferring to a California State University are permitted to complete their lower division general education transfer courses by completing the plan of courses listed below. In addition a transfer student will have pre-major transfer courses to complete. Lower division pre-major courses can also be used as general education courses. **Always check with your counselor for current information.**

<p>AREA A – Communication & Critical Thinking (Choose one course from each group. Grades lower than "C" are not accepted in Area A.)</p> <p>Group 1: Oral Communication: SPCH R101, R102, R104</p> <p>Group 2: Written Communication: ENGL R101</p> <p>Group 3: Critical Thinking: ENGL R102; IDS R110; PHIL R107, R111, R112, R121</p>	<p>AREA D – Social, Political, and Economic Institutions & Behavior: Historical Background. Choose one course from three different groups. (One course in US History and one in US Government is a CSU graduation requirement.)</p> <p>Group 0: Sociology & Criminology: CHST R108; HIST R112; PSY R106, R107; SOC R101, R102, R103, R104, R105, R106, R107, R108, R109, R111, R112, R113, R115, R116, R118, R121</p> <p>Group 1: Anthropology & Archaeology: AFAM R101; ANTH R102, R103, R105, R106, R107, R108, R109, R110, R113, R114, R189B, R189C; SOC R104</p> <p>Group 2: Economics: ECON R100, R101, R102</p> <p>Group 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, R121; MUS R189A; PSY R114; SOC R103, R107, R108; SPAN R107, R117; THA R127</p> <p>Group 4: Gender Studies: ANTH R105; ENGL R110; HED R103; HIST R112, R117; PSY R110; SOC R112</p> <p>Group 5: Geography: GEOG R102, R104; HIST R104</p> <p>Group 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, R121; SOC R112</p> <p>Group 7: Interdisciplinary, Social, or Behavioral Science: BUS R186; IDS R101A R101B, R102, R110; JOUR R100, R186; SOC R105</p> <p>Group 8: Political Science, Government, Legal Institutions: POLS R100, R101, R102, R104, R105, R106, R107, R108, R189A</p> <p>Group 9: Psychology: CHST R114; PSY R101, R104, R106, R107, R108, R110, R114, R130, R131; SOC R104, R113</p>
<p>AREA B – Physical Universe & It's Life Forms (Choose one course from each group. Grades lower than "C" are not accepted in Group 4.)</p> <p>Group 1: Physical Science: AST R101; CHEM R100, R110, R112, R120; GEOG R101, R103; GEOL R101, R102, R103, R104, R105, R107, R110; MST R103; PHYS R101, R102, R121, R122, R131</p> <p>Group 2: Life Science: ANAT R100; ANTH R101; BIOL R100, R101, R101L, R106, R120, R130, R135; BOT R100; MICR R100; MST R100; PHSO R100; PSY R105</p> <p>Group 3: Lab Experience: ANAT R100L; AST R101L; BIOL R100L, R101L, R106L, R120, R120L, R135L; BOT R100L; CHEM R100L, R110, R120; GEOG R101L; GEOL R101L, R103L, R106A; MICR R100, R100L; MST R100L, R103L; PHSO R100L; PHYS R101, R102, R121, R122, R131</p> <p>Group 4: Math: MATH R102, R103, R105, R106, R115, R116, R118A, R118B, R120, R121, R122, R125, R134, R143; PSY R103</p>	<p>AREA E – Lifelong Understanding & Self-Development (3 units are required. Only one unit can be applied from P.E. activity courses or MST R120L.)</p> <p>ART R104A, R106A, R150A, R157A; CD R130; HED R101, R102, R103, R104, R105; MST R120, R120L; MUS R107A, R108, R110A, R112, R114, R117; PG R101A, R102; PE – All activity courses; PSY R101, R102A, R107, R108, R109, R112, R113, R130; SOC R104, R105, R106</p>
<p>AREA C – Arts, Literature, Philosophy and Foreign Language (One course from C1, one course from C2 and one course from either C1 or 2)</p> <p>Group 1: Arts (Art, Dance, Music, Theater): ART R100A, R101, R102, R103, R118, R157B; ENGL R119, R130; MUS R101, R102A, R102C, R102D, R103A, R103B, R104, R105, R106, R110A, R116, R119, R120, R121, R124, R125, R189A; THA R101, R103A, R103B, R127; TV R105</p> <p>Group 2: Humanities (Literature, Philosophy, Foreign Language): ART R108A; ASL R101, R103, R104; ENGL R102, R103, R104, R105, R106, R107, R108, R109, R110, R111, R112, R113, R114, R115, R116, R117, R118, R119, R120, R121, R122, R123, R131, R132, R150, R151, R152, R153, R154, R155, R156, R189A, R189D; HIST R119, R120; JAPN R101, R102; MUS R102B; PHIL R101, R102, R103, R104, R105, R106, R108, R109, R110, R114; SOC R114; SPAN R101, R101A, R101B, R102, R102A, R102B, R103, R104, R108, R120; SPCH R105</p>	<p>In addition to CSU GE certification, the CSU universities require one course in American History and one course in American Government. The following courses will meet the requirements and will also allow these courses to double count for Area D.</p> <p>U.S. History: CHST R107; HIST R102, R103, R107, R108, R117</p> <p>U.S. Government: POLS R100, R101, R102, R107</p>

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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 23 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 as electives.

Transfer Courses

The approved transfer lists in this section designate courses which may be used to meet GE requirements; they are 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.

The IGETC 2003-2004 Certification Plan is on the following page.

Oxnard College
Intersegmental General Education Transfer Curriculum
IGETC 2003-2004 CERTIFICATION PLAN

Always check with your counselor for current information.

<p>1. English Communication (CSU – Complete groups A, B, and C. UC – Complete groups A and B.) 1 course, minimum 3 semester units (4 - 5 quarter units.)</p> <p>A. English Composition: ENGL R101.</p> <p>B. Critical Thinking–English Composition: 1 course, 3 semester units (4 - 5 quarter units.) ENGL R102; PHIL R111</p> <p>C. Oral Communication (CSU Requirement only): 1 course, 3 semester units. SPCH R101, R102</p>
<p>2. Mathematical Concepts & Quantitative Reasoning (One course, minimum 3 semester units (4 - 5 quarter units.)</p> <p>MATH R103, R105, R106, R115, R118B, R120, R121, R122, R125, R134, R143</p>
<p>3. Arts & Humanities (At least 3 courses, with at least one course from the Arts and one course from the Humanities, 9 semester units (12 - 15 quarter units.)</p> <p>A. Arts: ART R100A, R101, R102, R103, R118; MUS R101, R102A, R102B, R102C, R102D, R103A, R103B, R104, R105, R116, R119, R189A; SPAN R118; THA R101, R103A, R103B, R127</p> <p>B. 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; JOUR R100; PHIL R101, R102, R103, R104, R105, R106, R108, R109, R110, R114; PSY R107; SPAN R107, R117; SOC R104, R112, R114; SPCH R105; THA R101</p>
<p>4. Social & Behavioral Sciences At least three courses from at least 2 disciplines or an interdisciplinary sequence; 9 semester units (12 - 15 quarter units)</p> <p>A. Anthropology and Archaeology: AFAM R101; ANTH R102, R103, R105, R106, R107, R108, R109, R110, R113, R114, R115, R189C</p> <p>B. Economics: ECON R100, R101, R102</p> <p>C. Ethnic Studies: AAS R101; AFAM R101; ANTH R114; CHST R101, R107, R108, R114</p> <p>E. Geography: GEOG R102, R104</p> <p>F. 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</p> <p>G. Interdisciplinary, Social & Behavioral Sciences: IDS R101A, R101B, R102, R110</p> <p>H. Political Science, Government & Legal Institutions: POLS R100, R101, R102, R104, R105, R106, R108</p> <p>I. Psychology: PSY R101, R104, R106, R107, R108, R110, R114, R130, R131; SOC R104</p> <p>J. Sociology & Criminology: CD R102, R106; HIST R112; JOUR R100, R186; PHIL R114; PSY R107; SOC R101, R102, R103, R104, R106, R107, R108, R111, R112, R113, R114, R115, R116, R121</p>
<p>5. Physical & Biological Sciences (At least 2 courses, one Physical Science course and one Biological Science course; one of which must include a laboratory corresponding to selected lecture (circle appropriate laboratory)); 7 - 9 semester units (9 - 12 quarter units).</p> <p>A. Physical Science: AST R101, R101L; CHEM R100, R100L, R110, R112, R120, R122, R130, R132; GEOG R101, R101L, R103; GEOL R101, R101L, R102, R103, R103L, R105, R107, R110; MST R103, R103L; PHYS R101, R102, R121, R122, R131, R132, R133</p> <p>B. Biological Science: ANAT R100, R100L; ANTH R101; BIOL R100, R100L, R101, R101L, R106, R106L, R120, R120L, R122, R122L, R130, R135, R135L; BOT R100, R100L; MICR R100, R100L; MST R100, R100L; PHSO R100, R100L; PSY R105</p>
<p>6. Languages other than English. (UC requirement only.) Proficiency equivalent to two years of high school study in the same language with a C or better or complete one of the following courses or a higher level course with a C or better: ASL R101; JAPN R102; SPAN R102, R102B, R105</p>
<p>CSU graduation requirement in U.S. History, Constitution and American Ideals (not part of IGETC; may be completed prior to transfer.) 6 units, one course from Group 1 and one course from Group 2. Group 1- POLS R100, R101, R102, R107. Group 2 - AAS R101, CHST R107, HIST R102, R103, R107, R108, R117.</p>

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Transfer Admission Requirements to:

University of California

The following information refers to minimum eligibility requirements. It is important that students try to make themselves competitive to the UC system to have the best chance at being admitted to the campus and major of their choice. Meeting minimum eligibility does not guarantee admission.

1. Students who were eligible for the University of California from high school are eligible if they have a college grade point average of at least a 2.0 in transferable college courses.
2. Students who met the Scholarship Requirement but who did not complete all the Subject Requirements must take appropriate college courses in the missing subjects and earn a C or better in each course as well as an overall C average (2.0) in transferable courses.
3. Students who met the Scholarship Requirement but not the Examination Requirement must complete a minimum of 12 semester units of transferable work and earn an overall C average (2.0) in all transferable college coursework completed.
4. Students who were not eligible for the University of California from high school because they did not meet the Scholarship Requirement must:
 - (a) Complete 60 transferable units with a grade point average of at least 2.4, and
 - (b) Complete the following course pattern, earning at least a C (2.0) or better in each course:
 - two transferable college courses in English Composition; and
 - one transferable college course in mathematical concepts and quantitative reasoning; and
 - four transferable college courses (3 semester units each) chosen from at least two of the following subject areas: the arts and humanities, the social and behavioral sciences, the physical and biological sciences.

Students who satisfy the Intersegmental General Education Transfer Curriculum prior to transferring to UC will automatically satisfy option 4B above.

The University of California System Transferable Course List is on page 53-54.

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.
ASL R102; 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, R120; CS R110, R115; GEOG R101; GEOL R101, R103; MST R103, R116; MATH R105, R106, R120, R121, R131; PHYS R101, R121, 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; AAS R101; 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.
3. A score of 650 or higher on the SAT II test in American History.

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

Oxnard College students who did not meet the requirements for admission as a freshman during their high school years must complete the following requirements for transfer admission, listed as items A and B.

- A. Complete 60 semester or 90 quarter units of transferable college credit with a grade point average of at least 2.4 for California residents and at least 2.8 for non-residents (no more than 14 semester or 21 quarter units may be taken Pass/Not Pass).
- B. Complete the following courses pattern requirement (each course must be worth at least 3 semester or 4 quarter transferable units), earning a grade of C or better in each:
 1. Two courses in English composition.
 2. One course in mathematics beyond intermediate algebra, such as college algebra, pre-calculus, or statistics.
 3. Four courses from at least two of the three following areas:
 - Arts and humanities
 - Behavioral and social sciences
 - Biological and physical sciences

Please note: Students are **strongly encouraged** to begin taking English composition and mathematics coursework **early** in their academic careers. Early completion of the minimum requirements for admission makes an applicant more competitive for admission spaces available.

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.

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.

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.

California Lutheran University General Education Requirements are listed on page 55-56.

University of California System

The University of California system has 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, R189B, R189C
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, R154A, R154B, R155, R156A, R156B, R157A, R157B, R189A
Asian-American Studies AAS R101
Astronomy AST R101, R101L
Biology BIOL R101, R101L, R106, R106L, R116, R116L, R120, R120L, R122, R122L, R130, R135, R135L
Botany BOT R100, R100L
Business BUS R101A, R101B, R111A, R120, R121, R186
Chemistry CHEM R100, R100L, R110, R112, R120, R122, R130, R132
Chicano Studies CHST R101, R107, R108, R114
Child Development CD R102, R106
Computer Information Systems CIS R100, R101, R110A, R110B, R110C, R111A, R112A, R112B, R114A, R114B
Computer Science CS R110, R115, R122, R128, R142, R144
Economics ECON R100, R101, R102, R103
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
Geography GEOG R101, R101L, R102, R103, R104
Geology GEOL R101, R101L, R102, R103, R103L, R105, R107, R110

University of California System (Cont.)

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
Interdisciplinary Studies IDS R101A, R101B, R102, R110
Japanese JAPN R101, R102
Journalism JOUR R100, R186
Library Instruction LIB R100
Marine Studies MST R103, R103L, R116, R116L
Mathematics MATH R102, R103, R105, R106, R115, R118A, R118B, R120, R121, R122, R125, R134, R143
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
Philosophy PHIL R101, R102, R103, R104, R105, R106, R107, R108, R109, R110, R111, R112, R114, R121
Photography PHOT R100
Physical Education PE R103, R104, R116A, R116B, R118A, R118B, R119A, R119B, R124, R183A, R183B, R184A, R184B, R185A, R185C, R185D
Physics PHYS R101, R102, R121, R122, R131, R132, R133
Physiology PHSO R100, R100L
Political Science POLS R100, R101, R102, R104, R105, R106, R108, R189A
Psychology PSY R101, R103, R104, R105, R106, R107, R108, R110, R114, R130, R131
Sociology SOC R101, R102, R103, R104, R106, R107, R108, R111, R112, R113, R114, R115, R116, R121
Spanish SPAN R101, R101A, R101B, R102, R102A, R102B, R103, R104, R105, R106, R107, R108, R117, R118
Speech SPCH R101, R102, R104, R105, R109
Theatre Arts THA R101, R102A, R102B, R103A, R103B, R104, R108, R109, R110A, R110B, R110C, R110D, R112, R115, R120A, R120B, R121A, R121B, R122, R127
Some restrictions on units may apply; see a counselor.

California Lutheran University

General Education Requirements

CLU will accept the IGETC with both Speech and Foreign Language areas completed. **HS Foreign Language does not count. Check with counselor for additional transfer requirements.**

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, R109; **THA** R102A, R102B

C. Foreign Language

1. Two sequential courses in one foreign language or successful completion of a foreign language course at the second semester level.
ASL R101, R102, R103, R104, R105; **JAPN** R101, R102; **SPAN** R101, R101A, R101B, R102, R102A, R102B, R103, R104

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, R102, R103, R105, R106, R115, R116, R118A, R118B, R120, R121, R122, R125, R134, R143

Area II. Perspectives

A. Humanities

1. History—one course
HIST R102, R103, R104, R105, R106, R107, R108, R109, R110, R111, R112, R113, R114, R115, R116, R117, R118, R119, R120, R121
2. Literature—one course
ENGL R104, R105, R106, R107, R108, R109, R110, R111, R112, R113, R114, R115, R116, R117, R118, R119, R121, R122, R123, R150, R151, R152, R153, R154, R155, R156, R189D; **SPAN** R117
3. Philosophy—one course
PHIL R101, R102, R105, R106, R107, R108, R111, R112, R114, R121

B. Natural Sciences

1. Two courses from different disciplines, each with lab components
ANTH R101; **ANAT** R100, R100L; **AST** R101, R101L; **BIOL** R101, R101L, R106, R106L, R116, R116L, R120, R120L, R122, R122L, R130, R135, R135L; **BOT** R100, R100L; **CHEM** R100, R100L, R110, R112, R120, R122, R130, R132; **GEOG** R101, R101L, R103, R104; **GEOL** R101, R101L, R102, R103, R103L, R104, R105, R107, R110; **MST** R103, R103L, R116, R116L; **MICR** R100, R100L; **PHYS** R101, R102, R121, R122, R131, R132, R133; **PHSO** R100, R100L
Transfers with 58 or more transferable units upon enrollment at CLU only need one lab.

C. Social Sciences

1. Two courses from different disciplines
ANTH R102, R105, R106; **CHST** R108, R114; **ECON** R101, R102; **GEOG** R102; **POLS** R100, R101, R102, R104, R105, R106, R107, R108, R189A; **PSY** R101, R102A, R102B, R104, R105, R106, R107, R108, R109, R110, R111, R112, R113, R114, R130, R131; **SOC** R101, R102, R103, R104, R105, R106, R107, R108, R109, R112, R113, R114, R115, R116, R118

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 R100A, R101, R102, R103, R104A, R104B, R105A, R105B, R106A, R106B, R106C, R107A, R107B, R107C, R108A, R108B, R108C, R109A, R109B, R109C, R110A, R110B, R110C, R112A, R112B, R112C, R113A, R113B, R113C, R114A, R114B, R114C, R123A, R123B, R123C, 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, R155, R156A, R156B, R157A, R157B; **MUS** R101, R103A, R103B, R104, R105, R106, R107A, R107B, R107C, R107D, R108, R110A, R110B, R110C, R110D, R111, R112, R114, R115, R116, R117, R118, R119, R120, R121, R125, R189A; **PHOT** R100; **THA** R102A, R102B, R103A, R103B, R108, R109, R110A, R110B, R110C, R110D, R112, R120A, R120B, R121A, R121B, R122, R127

California Lutheran University

General Education Requirements (Cont.)

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.
AAS R101, **CHST** R101, R107, R108, R114; **ENGL** R121, R122; **HIST** R107, R108, R112, R120; **SOC** R103, R107, R108, R112; **SPAN** R107, 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) 493-3135.
6. Courses which are technical, vocational, or "personal enrichment" in nature are not transferable.



OC's Women's Soccer scrimmage.

photo by Cathy Garnica

CALIFORNIA ARTICULATION NUMBER SYSTEM

The California Articulation Number (CAN) System is a statewide numbering system independent from course numbers assigned by local colleges. A CAN number signals that participating California colleges and universities have determined that courses offered by other campuses are equivalent in content and scope to courses offered on their own campuses, regardless of their unique titles or local identifying numbers. Thus, if a schedule of classes or catalog lists a course bearing a CAN number, students on one campus can be assured that it will be accepted in lieu of the comparable CAN course noted in the catalog or schedule of classes of another campus. For example, CAN ECON 2 on one campus will be accepted as meeting the requirement of the designated CAN ECON 2 course on other participating community college or university campuses.

The CAN numbering system is obviously useful for students attending more than one community college and is applied to many of the transferable, lower division courses students needed as preparation for their intended major. Because these course requirements may change, however, and because courses are continually being redefined, qualified for or deleted from the CAN database, students should always check with their campus counselors, articulation officer, or the Transfer Center director to determine how CAN-designated courses fit into their educational plans for transfer.

Students should consult the ASSIST database at www.assist.org for specific information on course agreements. The college staff will help students interpret this information.

CALIFORNIA ARTICULATION NUMBER	OC COURSE NUMBER	CALIFORNIA ARTICULATION NUMBER	OC COURSE NUMBER
CAN ANTH 2	ANTH R101	CAN ENGL 10	ENGL R105
CAN ANTH 4	ANTH R102	CAN ENGL 14	ENGL R107
CAN ANTH 6	ANTH R103	CAN ENGL 16	ENGL R108
CAN ART 2	ART R102	CAN ENGL SEQ A	ENGL R101+R102
CAN ART 4	ART R103	CAN ENGL SEQ B	ENGL R104+R105
CAN ART 8	ART R106A	CAN ENGL SEQ C	ENGL R107+R108
CAN ART 10	ART R108A	CAN GEOG 2	GEOG R101
CAN ART 14	ART R104A	CAN GEOG 4	GEOG R102
CAN ART 24	ART R126A	CAN GEOL 2	GEOL R101+R101L
CAN ART SEQ A	ART R102+R103	CAN GEOL 6	GEOL R101
CAN BIOL 2	BIOL R120 + R120L	CAN GOVT 2	POLS R101
CAN BIOL 10	ANAT R100+R100L	CAN HIST 2	HIST R105
CAN BIOL 12	PHSO R100 +R100L	CAN HIST 4	HIST R106
CAN BIOL 14	MICR R100 + R100L	CAN HIST 8	HIST R102
CAN BIOL SEQ B	ANAT R100+R100L+PHSO	CAN HIST 10	HIST R103
	R100+R100L	CAN HIST SEQ A	HIST R105+R106
CAN BUS 2	BUS R101A	CAN HIST SEQ B	HIST R102+R103
CAN BUS 4	BUS R101B	CAN JAPN 2	JAPN R101
CAN BUS 8	BUS R111A	CAN JOUR 2	JOUR R101
CAN BUS SEQ A	BUS R101A+R101B	CAN JOUR 4	JOUR R100
CAN CHEM 2	CHEM R120	CAN MATH 2	MATH R101
CAN CHEM 4	CHEM R122	CAN MATH 8	MATH R116
CAN CHEM SEQ A	CHEM R120+R122	CAN MATH 12	MATH R103
CAN CSCI 4	MATH R137	CAN MATH 16	MATH R118
CAN DRAM 12	THA R120A	CAN MATH 16	MATH R118A+R118B
CAN DRAM 18	THA R101	CAN MATH 18	MATH R120
CAN ECON 2	ECON R101	CAN MATH 20	MATH R121
CAN ECON 4	ECON R102	CAN MATH 22	MATH R122
CAN ENGL 2	ENGL R101	CAN MATH 24	MATH R143
CAN ENGL 4	ENGL R102	CAN MATH 26	MATH R134
CAN ENGL 6	ENGL R103	CAN MATH 30	MATH R106
CAN ENGL 8	ENGL R104	CAN MATH SEQ A	MATH R120+R121
		CAN MATH SEQ C	MATH R120+R121+R122

CALIFORNIA ARTICULATION NUMBER SYSTEM (Cont.)

CALIFORNIA ARTICULATION NUMBER	OC COURSE NUMBER	CALIFORNIA ARTICULATION NUMBER	OC COURSE NUMBER
CAN MUS 8	MUS R104	CAN PSY 2	PSY R101
CAN MUS 10	MUS R105	CAN PSY 8	PSY R104
CAN PHIL 2	PHIL R101	CAN SOC 2	SOC R101
CAN PHIL 4	PHIL R102	CAN SOC 4	SOC R102
CAN PHIL 8	PHIL R105		
CAN PHIL 10	PHIL R106	CAN SPAN 2	SPAN R101
CAN PHIL SEQ A	PHIL R105+R106	CAN SPAN 4	SPAN R102
		CAN SPAN 8	SPAN R103
CAN PHYS 2	PHYS R101	CAN SPAN 10	SPAN R104
CAN PHYS 4	PHYS R102	CAN SPAN SEQ A	SPAN R101+R102
CAN PHYS 8	PHYS R111	CAN SPAN SEQ B	SPAN R103+R104
CAN PHYS 12	PHYS R112		
CAN PHYS 14	PHYS R113	CAN SPCH 4	SPCH R101
CAN PHYS SEQ A	PHYS R101+R102	CAN STAT 2	MATH R105
CAN PHYS SEQ B	PHYS R111+R112+R113		



Oxnard College 2003 Graduation

photo by Bob Knight Photo

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, SPAN R101A).

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

CD R011

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 Advisory

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 completed the prerequisite course with a satisfactory grade—C or better or CR—and if applicable 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
CHEM	Chemistry
CHST	Chicano Studies
CD	Child Development
CIS	Computer Information Systems Office Automation Word Processing Information Processing
CS	Computer Science
DH	Dental Hygiene
DST	Disability Studies
ECON	Economics
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.

ADDICTIVE DISORDERS STUDIES

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

Students completing this program will have the necessary educational and skills requirements to **APPLY** for credentialing through a number of professional organizations. The following private certifying organizations are registered with the State of California: (1) C.A.A.D.E. offers a Certified Addictions Treatment Specialist (C.A.T.S.) credential and application forms and information can be obtained by contacting: C.A.A.D.E., Donna Marks, P.O. Box 7152, Oxnard, CA 93031-7152; telephone or fax: 805-485-5247; email: marks@vcss.k12.ca.us; (2) C.A.A.D.A.C. (California Association of Alcohol and Drug Addiction Counselors), Credentialing Committee, 3400 Bradshaw Road, Suite A5, Sacramento, CA 95827, 916-368-9412. (3) C.A.A.R.R. (California Association of Alcohol Recovery Resources), 650 Howe Avenue, Suite 1060, Sacramento, CA 95824 (800-564-4927). (4) C.A.D.D.T.P. (California Association of Drinking Driver Treatment Programs), 685 Placerville Drive, #305, Placerville, CA 95667, 800-464-3597.

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
	Darcey Kennedy	Donna Marks
	Sharon O'Hara	Kathleen Staples
	Luis Tovar	Klaas Volbeda
	Michael Webb	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 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

Total Core Requirements 33

Additional Required Courses:

Complete any one (1) of the following:	
PSY R102A	Interpersonal Relations 3
ADS R107A	Special Populations 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 36

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

Graduates completing this program would be qualified to apply for a number of certifications: C.A.T.S. (Certified Addictions Treatment Specialists) available from C.A.A.D.E.; F.A.C.T. (Forensic Addictions Corrections Treatment Specialists) from the Addiction Transfer Center (ATC) at UCSD, etc.

Required Courses:	Units
ADS R101	Overview of Addictions 3
ADS R104	Case Management 3
ADS R106	Adult Children of Alcoholics 3
ADS R107B	Treatment of Adolescents 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 in the Criminal Justice System 3
ADS R118	Culture, Race, & Gender Considerations in CJS Treatment 3
ADS R119	Community as Treatment in the Criminal Justice System 3
ADS R120	Introduction to Alcohol & Drugs in the Criminal Justice System 3

Total Core Requirements 36

Unless already working in the Criminal Justice System, ADS R110A and ADS R110B **may not** be taken until ADS R113, R117, R118, R119, and R120 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 in the Criminal Justice System****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—Culture, Race, & Gender Considerations in CJS Treatment****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—Community As Treatment in the Criminal Justice System****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***ADS R120—Alcohol and Drugs in the Criminal Justice System: Introduction to Alcohol and Drugs in the Criminal Justice System****3 units***3 hours lecture weekly*

This course is an introduction to the treatment of alcohol and drug addicts living in the Criminal Justice System. It will include the history and evolution of the Justice System in the United States. It will survey crime, criminal behavior, the police, courts, and corrections. Field trips may be required. (2)

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

Service and Repair

Construction and Installation

Manufacturing

Plant Maintenance

Faculty

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

◆ 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 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 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.

AMERICAN SIGN LANGUAGE

Faculty

Full-Time	Part-Time
Julie Lovejoy	Debra Kaskus
	Antoinette Pineau
	Durston Winesburg

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 Student Learning 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	Teacher

Faculty

Full-Time

Linda Kamaila

Part-Time

John Greer
 Karen Lipman
 Holly Woolson

◆ 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 psycho-dynamics 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: 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: 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: CSU

AREA STUDIES

Area Studies Courses

AS R101A-Z—Introduction to Social Dynamics

1/2-10 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

1/2-4 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 Student Learning 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
	Jacquelyn Cavish
	Sharon Coughran-Rayden
	Marsha Eakes
	James Jarvaise
	Claudia Pardo

◆ 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) **Advanced Drawing recommended for Drawing Majors (3)	6
R108AB(C***)	Beginning/Intermediate Oil Painting (3+3) ***Advanced Painting recommended for Painting Majors (3)	6
ART R112AB	Beginning/Intermediate Watercolor (3+3)	6
ART R115AB	Abstract Concepts (3+3)	6
R126AB(C****)	Beginning/Intermediate Figure Drawing (3+3) ****Advanced Figure Drawing recommended for Drawing Majors (3)	6
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 1/2-10 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*

Introduction and 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. Field trips and/or museum visitations may be required. Required of all art majors. First segment of ART R101 stops at the Gothic period. (2)

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

ART R103—Art History II 3 units*3 hours lecture weekly*

Continuation of 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. Field trips and/or museum visitations may be required. Required of all art majors. Second segment concludes at present, 20th Century. (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 (CAN: ART 14)

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****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 set-ups, 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 R150B—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: 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** **½-10 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: 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: 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****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. This course satisfies transfer requirements to four-year universities. (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, the planets, and the stars. Field trips to observatories, planetariums, and/or dark-sky sites may be required. Students are expected to be familiar with high-school algebra. This course satisfies transfer requirements to four-year universities. (2)

Transfer credit: UC, CSU

AST R198—Short Courses in Astronomy ½-10 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: 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: 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	Part-Time	Counselor
Frank Castro	James Gorenflo	Daniel Goicoechea
Jose Ortega	Juan Perez	
	Henry Segura	
	Don Sisting	
	Bruce Wendt	

◆ 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
		22

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)

◆ 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 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 R098—Short Courses in Automotive Mechanics 1/2-10 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.

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

AT R024 Small Engines

◆ 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	3
DM R004 Engine Overhaul & Repair	4
DM R005 Engine Tune-Up & Troubleshooting	3
DM R008 Power Trains	2
DM R012 Introduction to Hydraulics	3
DM R019 Introduction to Diesel Engines	3
	18

Required Additional Courses:	Units
Complete a minimum of six units from the following:	
AT R024 Small Engines	2
AT R015 Automotive Electrical Systems	3
AT R020 ASE Mechanics Certification	3
BUS R122 Personnel Management	3
DM R006 Electrical System Theory	3
Total Required Units	24

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

DM R004	Engine Overhaul & Repair
DM R005	Engine Tune-Up & Troubleshooting
DM R006	Electrical System Theory
DM R008	Power Trains
DM R012	Introduction to Hydraulics
DM R019	Introduction to Diesel Engines
DM R020	Diesel Engines
DM R030	Diesel Engine Mechanics
DM R031	Diesel Equipment Mechanics
DM R098	Short Courses in Diesel Mechanics

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
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Part-Time

Michael Abram
Carl Demetropoulos
Joe Frantz
Cori Newton
Michael Nicholson
Neil Ziegler

Nicolaas Boshoff
Greg Fox
Kimberly Jesu
Jilda Nettleton
Jan Schienle

◆ 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	Physics for Scientists & Engineers 1	5
PHYS R132	Physics for Scientists & Engineers 2	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 R100 + R100L); BIOL SEQ B (ANAT R100 + R100L + PHSO R100 + R100L)

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 (ANAT R100 + R100L); BIOL SEQ B (ANAT R100 + R100L + PHSO R100 + R100L)

Biology Courses

BIOL R098—Short Courses in Biology $\frac{1}{2}$ -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 R100—Marine Biology 3 units

3 hours lecture weekly

This survey course includes an introduction to ecology, organism identification, anatomy, physiology, and conservation of marine organisms. Applications of the scientific method in marine biology are emphasized. Field trips may be required. (Same as MST R100) (2)

Transfer credit: CSU

BIOL R100L—Marine Biology Laboratory 1 unit

Prerequisites: BIOL R100 or concurrent enrollment.

3 hours lab weekly

This survey course includes laboratory and field studies of marine organisms and their environment, the use of the scientific method, and basic biological skills. Optional field trips may be required. (Same as MST R100L) (2)

Transfer credit: CSU

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 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 R120 + R120L))

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 R120 + R120L))

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 R170) (2)

Transfer credit: CSU

BIOL R198—Topics in Biology 1/2-10 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: 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: 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 R100 + R100L))

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 (MICR R100 + R100L))

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 R100 + R100L); BIOL SEQ B (ANAT R100 + R100L + PHSO R100 + R100L))

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 (PHSO R100 + R100L); BIOL SEQ B (ANAT R100 + R100L + PHSO R100 + R100L))

NOTE: The course listed below has been temporarily suspended. For further information, please contact the Math, Science & Health division office.

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 Receivable Clerk
Assistant Manager
Sales Representative
Finance Operations
Market Research Assistant

Accounts Payable Clerk
Management Trainee
Sales Trainee
Buyer
Fashion Director
Manufacturer Representative

B.A. Level

Cost Accountant
Controller/Treasurer
Small Business Owner
Advertising Manager
Manufacturers Representative
International Business Management
Sales Executive/Sales Management

Assistant Controller
Human Resource Manager
Small Business Manager
Accountant

Faculty

Full-Time
Ed Bassey
Diane Eberhardy
Carmen Guerrero

Counselor
Daniel Goicoechea

Part-Time

Robert Cabral
Carol Evans
Patricia Greene
Stephanie House
Sandy Iverson

Larry Kennedy
William Kohnen
Dennis Polen
Margaret Swisher

◆ 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	3

Total Required Units 27½**◆ Business****Associate in Arts Degree**

This program is for students interested in transferring to a four-year college or university as a business major to obtain a Bachelor's degree.

For information regarding transfer to any four-year 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
CIS R100	Introduction to Computer Information Systems	3
MATH R106	Mathematics for Business Applications	5
OR		
MATH R120	Calculus with Analytic Geometry I	5

Total Required Units 23**◆ 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***

**This degree pattern has been temporarily suspended. For further information, please contact the Business/Technology division office.*

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.

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 R004—Preparation for Business English 1 unit

1 hour lecture weekly

This is an introductory course designed to prepare students for Business English. By taking this preparatory course, students will be better prepared to handle the course content as well as the assignments required to successfully complete a Business English course. The information covered in this course includes basic Business English concepts, such as reference sources, parts of speech, sentence structure, and spelling techniques. Not applicable for degree credit. (2)

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 R030—Business Math 3 units

3 hours lecture weekly

This course provides a review of math fundamentals and relates math principles and operations to business oriented problems such as payroll, invoicing, financial statements and ratios, markups and markdowns, and interest. Business math is required for the following certificate and degree programs: Accounting, Retail Management, and Administrative Assistant. Field trips may be required. (2)

BUS R041—Basic Business English 3 units

3 hours lecture weekly

This is a required course for the Office Occupations Preparation Program. This course develops competency in the fundamentals and mechanics of preferred Business English usage, including grammar, sentence structure, punctuation, and written expression. Students will be provided with a background to write general business documents. Field trips may be required. Not applicable for degree credit. (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 multi-cultural factors in the service delivery. Field trips may be required. (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 R098—Short Courses in Business 1/2-10 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 SEQ A (BUS R101A + R101B))
- 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 SEQ A (BUS R101A + R101B))
- 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 R104—Business English** **3 units**
3 hours lecture weekly
 This course develops competency in the fundamentals and mechanics of college-level business communications skills, including grammar, sentence structure, punctuation, and written expression. English satisfies the English Composition (Area D1) requirement for the A.A. and A.S. General Education Course List. It is also a prerequisite for business communications, BUS R140. Business communications is required in the Accounting, Business Management, Marketing, Retail Management, Supervision, Computer Information Systems, Office Microcomputers, and Administrative Assistant A.S. and certificate curricula. Field trips may be required. (2)
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
 This transfer course examines the basic management functions of a business organization and middle management's responsibilities in planning, organizing, directing, controlling, coordinating, and executing the organizations' goals and objectives. Techniques of decision-making with emphasis on recent advances in areas directly related to management are also introduced. Field trips may be required. (2)
Transfer credit: UC, CSU
- BUS R122—Human Resource Management** **3 units**
3 hours lecture weekly
 This transfer course examines the concepts of human resource organization and management including finance, operation, compliance with federal government regulations, internal organization and the personnel practices of the organization as an employer and its role with employees. Working with labor organizations and collective bargaining will also be covered. Field trips may be required. (2)
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 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 R104.
Advisory: ENGL R101, and word processing skills.
3 hours lecture weekly
 Business communications develops effective business and professional communication in written, oral, and non-verbal modes. This course includes business correspondence, report writing, listening, collaborative communication, and oral reports. Business communications is required in the Accounting, Business Management,

Marketing, Retail Management, Supervision, Computer Information Systems, Office Microcomputers, and Administrative Assistant A.S. and certificate curricula. Field trips may be required.

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

BUS R170—Introduction to Logistics 3 units

3 hours lecture weekly

This course presents an introduction to principles and concepts of logistics functions. It includes the logistics process in the life-cycle of a system, from its conception to its disposal, including warehousing, transportation, inventory management, materials handling, personnel skill and training requirements, technical documentation and data collection, packaging and disposal and maintenance. Field trips may be required.

Transfer credit: CSU

BUS R171—Logistics Design 3 units

Prerequisites: BUS R170.

3 hours lecture weekly

This course will acquaint students with the basic functions of designing logistics systems. It will introduce reliability and maintainability measurements, cost factors, and systems and equipment documentation for operational requirements. It will introduce logistics development including statistical and modeling techniques to evaluate the supportability of the system design and performance-based logistics (PBL). It will introduce effectiveness of the tailored process. The course includes an overview of current DoD policies, formal review processes, and revised government and industry standards affecting logistics support, such as requirements forecasting, control, work flows, configuration management, and technical support. It will examine the application of computer applications and data exchange techniques available to design, develop and support complex systems of equipment, software, and trained personnel to introduce and maintain cost-effective systems. Field trips may be required.

Transfer credit: CSU

BUS R172—Spares Management 3 units

3 hours lecture weekly

This course will acquaint students with the disciplines and activities of spares management. The course provides an introduction to spares management and covers such topics as supply functions, maintenance concepts, determining requirements and reorder points, spares specification and selection, technical documentation, data management, provisioning, procurement, inventory management, initial and operational allowances, and performance-based logistics criteria. The course explains the planning involved with each functional sub-element in terms of cost, performance measurement, implementation, and determination of readiness impact. The course includes discussion of economic order quantity forecasting, equipment version control, workflows, configuration management, quality

and inspection, and technical support resources. Field trips may be required.

Transfer credit: CSU

BUS R173—Repair Management 3 units

Prerequisites: BUS R170.

3 hours lecture weekly

This course will acquaint students with the discipline and activities of repair management. It includes identification of requirements for total Repair program of such items as aircraft engines which are returned to a depot for repair. The course explains the planning involved with each functional sub-element of repair in terms of cost, implementation, and determination of readiness impact. The course includes discussion of repair workload forecasting, control, workflows, configuration management, quality and inspection, and technical support. Field trips may be required.

Transfer credit: CSU

BUS R174—Technical Product Support Services and Training 3 units

Prerequisites: BUS R170, BUS R171.

3 hours lecture weekly

This course presents integrated logistics support functions, principles and concepts for digital and online technical product support requirements. It includes the field support logistics activities, technical training development and implementation, and life-cycle support of a system, from its conception to its disposal. It will cover logistics technical support Military and Industry standards and data support organizations, structure, planning, budgeting, warranties, liabilities, and in-plant support. Unique logistics personnel skill and training requirements, technical documentation, data collection, packaging, disposal and maintenance operations will be presented from the "deployed system" perspective, often referred to a "Legacy System Support." Field trips may be required.

Transfer credit: CSU

INTERNATIONAL BUSINESS

BUS R180—Introduction to International Business 3 units

3 hours lecture weekly

This course introduces students to the fundamentals of international business. Emphasis is placed on an understanding of international trade, including foreign investments, impact of financial markets, international marketing, and the operation of multinational companies. Field trips may be required. (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: UC, CSU

BUS R189—Topics in Business 1/2-3 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 R198—Short Courses in Business**½-10 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****1-6 units***Lecture and/or lab hours as required by unit formula*

Directed Studies in Business is designed for students interested in furthering their knowledge of business on an independent basis. Unit credit is determined by the length of the course. Field trips may be required. (2)

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
- BUS R181A International Marketing
- BUS R181B Trade Finance
- BUS R181C International Management
- BUS R181D Basics of Exporting
- BUS R181E International Purchasing
- BUS R182 International Business Law
- BUS R183E Export Marketing Case Studies
- BUS R183G World Transportation
- BUS R183H International Distribution
- Business in International Markets:
- BUS R184A Australia/New Zealand
- BUS R184B Central/South America
- BUS R184C China/Southeast Asia
- BUS R184D Eastern/Central Europe
- BUS R184E EU (European Unification)
- BUS R184F NAFTA Countries
- BUS R184G Japan
- BUS R190B Internship in Business

BUSINESS INFORMATION SYSTEMS

See courses in Computer Information Systems

The Industrial Safety program requirements have been temporarily suspended. For further information, please contact the Business/Technology division office.

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
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Part-Time

Terry Boan	Jay Crane
Joe Escobar	Scarlet Relle
Darryl Thomas	Darvish Vosooghi

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 SEQ A (CHEM R120 + R122))

CHEM R122—General Chemistry II**5 units**

Prerequisites: CHEM R120.
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 SEQ A (CHEM R120 + R122))

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 course listed below has been temporarily suspended. For further information, please contact the Math, Science & Health division office.

CHEM 108L Organic Chemistry Laboratory

CHICANO STUDIES

Faculty**Full-Time**

Linda Chaparro

Tomas Salinas

Part-TimeThomas Carrasco
George RodriguezAntonio Garcia
Guillermo Terrazas**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 specialty course work include Diversity Issues, Infant/Toddlers, Science, and Special Needs.

Career Opportunities

Teacher Aide
Instructional Aide
Preschool Teacher
Infant/Toddler Specialist
Cruise Ship Childcare Provider
Early Childhood Program Director

Family Childcare Provider
Nanny
Program Site Supervisor
School Age Teacher

Faculty

Full-Time

Patricia Mendez-Angeles Elvia Rivero

Part-Time

Noreen Berrington Reyna Dominguez
 Marian Everest Michelle Harper
 Sherri Laboon Clara Lawson
 Lillian Manning 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:

Select a minimum of six units from the following:		Units
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 includes 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:

Complete one of the following courses:		Units
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, ¾ 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, ¾ 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)

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. - 5:00 p.m.

Oxnard College's Child Development Center offers a developmental infant/toddler, and preschool program which is open to children ages ten 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 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)

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 bookkeeping 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
Maria Pinto-Casillas

Counselor

Daniel Goicoechea

Part-Time

Aziz Awwad
 Ron Barry
 Beryle Brinkman
 Richard Carmichael
 Larry Clements
 Carol Craig
 Billy Davis
 Carol Evans

Leonard Gilmore
 Sandy Iverson
 Carol Jablonicky

Virginia Johnson
 P.J. Manning
 Gracia Marks
 Ray Martinez
 Dolly Montalvo
 Joe Piantino
 Kathlynn Spencer
 Lloyd Stanton
 Margaret Swisher
 Ray Tafoya
 Cherri Ziegler
 Alexandra Zuromski

◆ 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
CIS R001A/B	Keyboarding I/II	1/1
CIS R002	Keyboarding Speed & Accuracy	2
CIS R003A	Filing	½
CIS R003B	Ten-Key Calculators	½
CIS R003K	Proofreading Skills	2
CIS R008	Machine Transcription	2
CIS R009	Office Procedures	3
CIS R020B	Introduction to the Internet/WWW	1
CIS R021A	Introduction to Windows	1
CIS R023A	Excel I	3
CIS R024A	Access	3
CIS R026B	Microsoft Word	3
BUS R030	Business Mathematics	3
BUS R140	Business Communications	3

Complete a minimum of three units from the following:

BUS R001	Preparation for Accounting	3
BUS R101A	Accounting Principles I	3
CIS R023B	Excel II	3
CIS R025A	PowerPoint	2
CIS R026A	WordPerfect	3
BUS R020	Introduction to the Medical Office	1
BUS R021	Medical Terminology	3
BUS R120	Introduction to Business	3

Total Required Units 32

The Office Technology—Customer Service Curriculum program requirements have been temporarily suspended. For further information, please contact the Business/Technology division office.

◆ 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 microcomputer systems.

Required Courses:		Units
BUS R101A	Accounting Principles I	3
BUS R120	Introduction to Business	3
BUS R140	Business Communications	3
CIS R024A	Access	3
CIS R100	Introduction to Computer Information Systems	3
CIS R101	Programming Principles and Design	3
CIS R110A	VISUAL BASIC Programming I	3
CIS R111A	C++ Programming for Business Applications	3
CIS R120	Systems Analysis & Design	3
CIS R020B	Introduction to the Internet/WWW	1

Total Core Units 28

Complete a minimum of three units from the following courses:

BUS R180	Introduction to International Business	3
BUS R181C	International Management	3
CIS R023A	Excel I	3
CIS R025A	Presentation Graphics Using PowerPoint	2
CIS R025L	Presentation Software Lab	1
CIS R027B	Web Pages with HTML	3
CIS R060	Networking Essentials	4
CIS R110B	VISUAL BASIC Programming II	3
CIS R110C	VISUAL BASIC for ACCESS	3
CIS R112A	JAVA Programming I	3
CIS R114A	COBOL Programming I	3

Total Required Units 31 - 32

◆ 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	3
CIS R024A	Access	3
CIS R026B	Microsoft Word	3
CIS R100	Introduction to Computer Information Systems	3
CIS R101	Programming Principles and Design	3
CIS R110A	VISUAL BASIC Programming I	3
BUS R140	Business Communications	3

Complete one of the following courses:

CIS R110B	VISUAL BASIC Programming II	3
CIS R110C	VISUAL BASIC for ACCESS	3
BUS R101A	Accounting Principles I	3

Total Required Units 33

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 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

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 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 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 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 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 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 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 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 ½ unit*½ 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 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 ½ unit*½ 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 3 units*Advisory: CIS R021A.**3 hours lecture weekly*

This is a survey course and is designed to teach the fundamentals of Microsoft Office; 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 R023—Microsoft Excel Basics ½ unit*½ 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)

CIS R023A—Excel I 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—Microsoft Excel II 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, Visual Basic macro programming, workbook, map, and chart creation and interpretation, creation of hyperlinks and preparation for the Microsoft Office User Specialist Certification Exam. (2)

CIS R024A—Microsoft Access 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 R025A—Microsoft PowerPoint 2 units*Advisory: 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 R026—Preparation for Microsoft Word ½ unit*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 R026B—Microsoft Word 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 R027A—Web Page Development 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 I 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 many of the HTML elements of design and publication. Not applicable for degree credit. (2)

CIS R027C—Microsoft FrontPage 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. Ideal course for anyone wishing to publish a web page quickly and easily. (2)

CIS R028A—Desktop Publishing 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 3 units*Prerequisites: 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 R028C—Adobe Photoshop 3 units

Advisory: CIS R021A and CIS R027B.

3 hours lecture weekly

This course teaches the basic skills needed for web and graphic design using Adobe Photoshop and Image Ready. Students will learn basic image manipulation in a computer environment with an emphasis on mastering the fundamentals of color management, scanning, photo retouching, imaging, special effects, filters and masks. Students will also use the computer to modify and create page and web layouts, pictorial images and designs. Not applicable for degree credit. (2)

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. This course covers topics related to a law practice and is best suited to legal assistants or research assistants. 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 R080—Introduction to Oracle: SQL 3 units

Advisory: CIS R021A.

3 hours lecture weekly

This course introduces students to relational database concepts and database design techniques, utilizing Oracle's database management product. This course concentrates on the nonprocedural relational database language, SQL (Structured Query Language) and the SQL*Plus environment. (2)

CIS R081—Oracle PL/SQL Programming 3 units

3 hours lecture weekly

This is the second course in a series of courses designed to provide students with classroom and laboratory experience utilizing Oracle's PL/SQL, Programming Language/Structured Query Language. Programming PL/SQL procedures, functions, packages, triggers and object types in Oracle's SQL*Plus and Procedure Builder environment. (2)

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 microcomputers 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

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

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

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 R111A—C++ Programming for Business Applications 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 R112A—JAVA Programming I 3 units

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

CIS R112B—JAVA Programming II 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 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: 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: CSU

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

BIS R163 Data Base Management

CIS R007B Office Preparation, Bilingual

CIS R114A COBOL Programming I

CIS R114B COBOL Programming II

COMPUTER SCIENCE

Faculty

Part-time

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++ 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: UC, CSU

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

COOPERATIVE WORK EXPERIENCE

Cooperative Work Experience Courses

COT R190G—General Cooperative Work Experience 1-3 units

Corequisites: Concurrent enrollment in at least one other course.

3½ - 11 hours weekly

Cooperative Work Experience-General is for work training that is not necessarily directly related to the major. Each unit of credit requires 60 hours of unpaid employment during the semester. Cooperative Work Experience-General is available to all students, regardless of major or educational plans. Course may be taken four times. A maximum of 6 college units may be earned in Cooperative Work Experience-General. Concurrent enrollment in at least one other course is required. (2)

Transfer credit: CSU

COT R190V—Occupational Cooperative Work Experience 1-4 units

Corequisites: Concurrent enrollment in at least one major related course.

3½ - 14 hours weekly

Cooperative Work Experience-Occupational is for work training that is directly related to the major. Each unit of credit requires 60 hours of unpaid employment during the semester. Cooperative Work Experience-Occupational is available in all vocation programs (Addictive Disorders Studies, Air Conditioning & Refrigeration,

Automotive, Business, Child Development, Computer Information Systems, Computer Science, Dental Hygiene, Electronics, Engineering, Engineering Technology, Environmental Technology, Fire Technology, Hotel & Restaurant Management, Journalism, Legal Assisting, Multimedia Studies, Television, and Travel & Tourism). Course may be taken four times. A maximum of 16 college units may be earned in Cooperative Work Experience-Occupational. Concurrent enrollment in at least one major related class is required. (2)

Transfer credit: CSU

COT R191G—General Cooperative Paid Work Experience 1-3 units

Corequisites: Concurrent enrollment in at least one other course.

4 - 13 hours weekly

General Cooperative Paid Work Experience is for work training that is **not** necessarily directly related to the major. Each unit of credit requires 75 hours of paid employment during the semester. General Cooperative Paid Work Experience is available to all students, regardless of major or educational plans. Course may be taken four times. A maximum of 6 college units may be earned in General Cooperative Paid Work Experience. Concurrent enrollment in at least one other course is required. (2)

Transfer credit: CSU

COT R191V—Occupational Cooperative Paid Work Experience 1-4 units

Corequisites: Concurrent enrollment in at least one other course.

4 - 17 hours weekly

Occupational Cooperative Paid Work Experience is for work training that is directly related to the major. Each unit of credit requires 75 hours of paid employment during the semester. Cooperative Paid Work Experience-Occupational is available in all vocation programs (Addictive Disorders Studies, Air Conditioning & Refrigeration, Automotive, Business, Child Development, Computer Information Systems, Computer Science, Dental Hygiene, Electronics, Engineering, Engineering Technology, Environmental Technology, Fire Technology, Hotel & Restaurant Management, Journalism, Legal Assisting, Multimedia Studies, Television, and Travel & Tourism). Course may be taken four times. A maximum of 6 college units may be earned in Occupational Cooperative Paid Work Experience. Concurrent enrollment in at least one major related class is required. (2)

Transfer credit: 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	Joyce Galligan, DDS
Missy Mattox, RDH	Keith Johnson, DDS
Christine Newman, RDH	Peggy Newville, RDH
Susan McDonald, RDH	Gwen Ridgway, RDH
Elaine Siebers	Ronald Yuch, DDS
Neil Ziegler	

◆ 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
SOC R101	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.

PROGRAM ADMISSION

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 **1/2 unit**

Prerequisites: Completion of the Dental Hygiene Program.

1 1/2 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 **1/2-10 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

DISABILITY STUDIES

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)

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	Basil Ibegulam
	Patrick Tapia

◆ 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
	6
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: 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	Priscilla McMurtry	Judy McArthur
Carole Frick	Mary Taylor-Parr	
Leo Orange		
Liesel Toles		

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 *½ hour lecture, 1½ 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)

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 **½-10 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.

EMPLOYMENT PREPARATION

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)

ENGINEERING

Faculty

Full-Time
Ed Lynch

Part-Time
John Craig
Jess Sandoval

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. Freehand 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

Cisco Certified Networking Associate (CCNA)
Cisco Certified Design Associate (CCDA)
Cisco Certified Networking Professional (CCNP)
Microsoft Certified Professional (MCP)
Microsoft Certified Systems Engineer (MCSE)
Certified Electronics Technician (CET)
Programmable Logic Devices Technician

Faculty

Full-Time
Ed Lynch
Victor Fuentes

Counselor
Daniel Goicoechea

Part-Time
John Bileschi
Steve Burton
Richard Carmichael
John Craig
Dirk DeKreek
Sydney Juachon
Matthew Lachberg

Alex Lynch
Quint Morris
Rodger Morris
Brian Muldoon
Jess Sandoval
David Teal
Albert Wolfkier

Computer Networking

Associate in Science Degree*

Certificate of Achievement

Cisco Sequence

Sem 1		Units
ENGT R140	PC Repair and Upgrade	4
ENGT R120	First Half of CCNA Prep	4
Sem 2		
ENGT R110	Direct Current Electronics	4
ENGT R121	Second Half of CCNA Prep	4
Sem 3		
ENGT R111	Alternating Current Electronics	4
ENGT R142	A+ Certification Preparation	4
Sem 4		
ENGT R112	Digital Engineering	4
ENGT R126	CCDA Preparation	4
Total		32

Associate in Science Degree*

Certificate of Achievement

Microsoft Sequence

Sem 1		Units
ENGT R140	PC Repair and Upgrade	4
ENGT R130	Admin Win2000 Professional	4
Sem 2		
ENGT R131	Admin Win2000 Server	4
ENGT R132	Admin Win2000 Infrastructure	4
Sem 3		
ENGT R133	Admin Win2000 Directory Services	4
ENGT R134	Design Win2000 Directory Services	4
Sem 4		
ENGT R135	Design Win2000 Security	4
ENGT R136	Design a Win2000 Network	4
Total		32

Engineering Technology

Associate in Science Degree*

Certificate of Achievement

Electrical Engineering Technology Sequence

Sem 1		Units
ENGT R140	PC Repair and Upgrade	4
ENGT R110	Direct Current Electronics	4
Sem 2		
ENGT R142	A+ Certification Preparation	4
ENGT R111	Alternating Current Electronics	4
Sem 3		
ENGT R112	Digital Engineering	4
ENGT R114	Introduction to Programmable Logic Controllers	4

Sem 4

ENGT R113	Circuits Engineering	4
ENGT R115	Advanced Programmable Logic Controllers	4

Total Required Units 32

***For Associate Degree students must complete an additional 30-units of General Education courses.**

(See your counselor to determine your required General Education courses)

Engineering Technology Courses

ENGT R098—Short Courses in Engineering Technology ½-10 units

Lecture/lab hours depending on unit formula.

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)

ENGT R110—Direct Current Electronics 4 units

2 hours lecture, 6 hours lab weekly

This course helps prepare students for the more rigorous study of direct current electronics found at four-year engineering schools. Students use various engineering techniques to design, draft, construct, test, and evaluate direct current circuits. This course also helps those seeking employment as electronic technicians. Field trips may be required.

Transfer credit: CSU

ENGT R111—Alternating Current Electronics 4 units

Prerequisites: ENGT R110.

2 hours lecture, 6 hours lab weekly

This course helps prepare students for the more rigorous study of alternating current electronics found at four-year engineering schools. Students use various engineering techniques to design, draft, construct, test, and evaluate alternating current circuits. This course also helps those seeking employment as electronic technicians. Field trips may be required.

Transfer credit: CSU

ENGT R112—Digital Engineering 4 units

2 hours lecture, 6 hours lab weekly

This course helps prepare students for the more rigorous study of digital electronics found at four-year engineering schools. Students will use various engineering techniques to design, draft, construct, test, and evaluate digital circuits. This course also helps those seeking employment as electronic technicians. Field trips may be required.

Transfer credit: CSU

ENGT R113—Circuits Engineering 4 units

Prerequisites: ENGT R111.

2 hours lecture, 6 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. Field trips may be required.

Transfer credit: CSU

ENGT R114—Introduction to Programmable Logic Controllers 4 units

Prerequisites: ENGT R111 or AC R021.

2 hours lecture, 6 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. Field trips may be required.

Transfer credit: CSU

ENGT R115—Advanced Programmable Logic Controllers 4 units

Prerequisites: ENGT R114.

2 hours lecture, 6 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. Field trips may be required.

Transfer credit: CSU

ENGT R120—First Half of CCNA Prep 4 units

2 hours lecture, 6 hours lab weekly

This is the first of two courses that provide students with the knowledge to plan, implement, and administer a Local Area Network. These two courses also prepare students to take the Cisco Certified Networking Associate (CCNA) exam. Field trips may be required.

Transfer credit: CSU

ENGT R121—Second Half of CCNA Prep 4 units

Prerequisites: ENGT R120.

2 hours lecture, 6 hours lab weekly

This is the second of two courses that provide students with the knowledge to plan, implement, and administer a Local Area Network. These two courses also prepare students to take the Cisco Certified Networking Associate (CCNA) exam. Field trips may be required.

Transfer credit: CSU

ENGT R122—CCNP Routing 4 units

Prerequisites: ENGT R121.

2 hours lecture, 6 hours lab weekly

This course provides the student with the knowledge to configure Cisco routers for advanced network deployment. The course also prepares the student for the Cisco Routing exam. The Cisco Routing exam is one of four exams required to become a Cisco Certified Networking Professional (CCNP). Field trips may be required.

Transfer credit: CSU

ENGT R123—CCNP Remote Access 4 units

Prerequisites: ENGT R122.

2 hours lecture, 6 hours lab weekly

This course provides the student with the knowledge to configure remote access networking devices. The course also prepares the student for the Cisco Remote Access Networks exam. The Remote Access Networks exam is one of four exams required to become a Cisco Certified Networking Professional (CCNP). Field trips may be required.

Transfer credit: CSU

ENGT R124—CCNP Switching 4 units

Prerequisites: ENGT R122.

2 hours lecture, 6 hours lab weekly

This course provides the student with the knowledge to configure multi-layer switched networks. The course also prepares the student for the Cisco Switching exam. The Switching exam is one of four exams required to become a Cisco Certified Networking Professional (CCNP). Field trips may be required.

Transfer credit: CSU

ENGT R125—CCNP Support 4 units

Prerequisites: ENGT R122.

2 hours lecture, 6 hours lab weekly

This course provides the student with the knowledge to troubleshoot and repair various network problems. The course also prepares students for the Cisco Support exam. The Cisco Support exam is one of four exams required to become a Cisco Certified Networking Professional (CCNP). Field trips may be required.

Transfer credit: CSU

ENGT R126—CCDA Preparation**4 units***Prerequisites: ENGT R121.**2 hours lecture, 6 hours lab weekly*

This course provides the student with the knowledge to design a computer network for a small to middle-sized business. This course also helps prepare the student to take the Cisco Certified Design Associate (CCDA) certification exam. Field trips may be required.

*Transfer credit: CSU***ENGT R130—Administering Microsoft Windows 2000 Professional****4 units***2 hours lecture, 6 hours lab weekly*

This course prepares the student to set up and support the Windows 2000 Professional desktop operating system. It also helps prepare students for Microsoft's certification exam 70-210, "Installing, Configuring and Administering Microsoft Windows 2000 Professional." This exam is one of Microsoft's required core exams for those wishing to become a Microsoft Certified Systems Engineer (MCSE). Field trips may be required.

*Transfer credit: CSU***ENGT R131—Administering Microsoft Windows 2000 Server****4 units***2 hours lecture, 6 hours lab weekly*

This course prepares the student to set up and support the Windows 2000 Server operating system. It also helps prepare students for Microsoft's certification exam 70-215, "Installing, Configuring and Administering Microsoft Windows 2000 Server." This exam is one of Microsoft's required core exams for those wishing to become a Microsoft Certified Systems Engineer (MCSE). Field trips may be required.

*Transfer credit: CSU***ENGT R132—Administering Microsoft Windows 2000 Infrastructure****4 units***2 hours lecture, 6 hours lab weekly*

This course prepares the student to set up and support a Windows 2000 Network Infrastructure. It also helps prepare students for Microsoft's certification exam 70-216, "Implementing and Administering a Microsoft Windows 2000 Network Infrastructure." This exam is one of Microsoft's required core exams for those wishing to become a Microsoft Certified Systems Engineer (MCSE). Field trips may be required.

*Transfer credit: CSU***ENGT R133—Administering Microsoft Windows 2000 Directory Services****4 units***2 hours lecture, 6 hours lab weekly*

This course prepares the student to set up and support the Windows 2000 Directory Services. It also helps prepare students for Microsoft's certification exam 70-217, "Implementing and Administering Microsoft Windows 2000 Directory Services." This exam is one of Microsoft's required core exams for those wishing to become a Microsoft Certified Systems Engineer (MCSE). Field trips may be required.

*Transfer credit: CSU***ENGT R134—Designing Microsoft Windows 2000 Directory Services****4 units***2 hours lecture, 6 hours lab weekly*

This course prepares the student to design a Windows 2000 Directory Services. It also helps prepare students for Microsoft's certification exam 70-219, "Designing Microsoft Windows 2000 Directory Services." This is one of the seven exams needed for anyone wishing to become a Microsoft Certified Systems Engineer (MCSE). Field trips may be required.

*Transfer credit: CSU***ENGT R135—Designing Microsoft Windows 2000 Security****4 units***2 hours lecture, 6 hours lab weekly*

This course prepares the student to design security for a Windows 2000 directory network. It also helps prepare students for Microsoft's certification exam 70-220, "Designing Microsoft Windows 2000 Security." This is one of the seven exams needed for anyone wishing to become a Microsoft Certified Systems Engineer (MCSE). Field trips may be required.

*Transfer credit: CSU***ENGT R136—Designing a Microsoft Windows 2000 Network****4 units***2 hours lecture, 6 hours lab weekly*

This course prepares the student to design a Windows 2000 network. It also helps prepare students for Microsoft's certification exam 70-221, "Designing a Microsoft Windows 2000 Network." This is one of the seven exams needed for anyone wishing to become a Microsoft Certified Systems Engineer (MCSE). Field trips may be required.

*Transfer credit: CSU***ENGT R140—PC Repair and Upgrade****4 units***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.

*Transfer credit: CSU***ENGT R141—Electronic Soldering Techniques****4 units***2 hours lecture, 6 hours lab weekly*

This course prepares the student to identify electronic components, read color codes, remove and insert electronic components, and repair printed circuit boards. All electronic technicians need these skills and this is a required course for the Engineering Technology (Electronics) Certificate and Degree Programs. Field trips may be required.

*Transfer credit: CSU***ENGT R142—A+ Certification Preparation****4 units***2 hours lecture, 6 hours lab weekly*

This course provides instruction in computer repair and upgrade. This course also helps prepare students to take the two required exams for the Computing Technology Industry Association (CompTIA) A+ certification. Field trips may be required.

*Transfer credit: CSU***ENGT R143—Introduction to LINUX****4 units***2 hours lecture, 6 hours lab weekly*

In recent years LINUX operating systems have become a low-cost alternative to the various Microsoft Windows operating systems. This introductory course teaches students to locate, install, and use LINUX operating systems. Field trips may be required.

*Transfer credit: CSU***ENGT R144—Network+ Certification Preparation****4 units***2 hours lecture, 6 hours lab weekly*

This course provides instruction in computer networking. This course also prepares students to take the CompTIA Network+ certification exam. Field trips may be required.

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	Gaylene Croker
Lynn Fauth	James Merrill
Jeannette Redding	Matilde Sanchez
Shelley Savren	Vernon Simmen
Karen Sutton	Evangeline Wilkes-Vacca
Anthony Rodriguez	Beverley Young

Part-Time

Elaine Alarcon-Totten	Thelma L. Berry
Hector Betancourt	Eric Boys
Arturo Burciaga	Matt Crow
Pamela Culhane	Deborah DeVries
W. Kay Doyle	Mario Garcia
Kay Hawkins	Elizabeth Hermes
Cristina Herrera	Jacqueline Hewitt
Robert Kornelsen	Margaret M
Patrick Newton	Gisela Rahmeyer
Jerry Reed	Ann Reich
Lisa Sandoval	Pamela Schroeder
Peggy Smith	Guadalupe Villalpando
Maria Villalpando	Eleanor White

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
	16

Additional Required Courses:

	Units
Complete six units from the following:	
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
	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 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 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 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 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. (2)

ENGL R066—Grammar/Writing 4**3 units***Prerequisites: 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. (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. This course includes essay-exam taking skills and an introduction to library resources. Upon completion, students

will be able to write effective short essays. Students will also be prepared for a successful transition to ENGL R101. Field trips may be required. Course may be taken two times.

ENGL R098—Short Courses in English**½-10 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 SEQ A (ENGL R101 + R102))

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 SEQ A (ENGL R101 + R102))

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*

This sophomore-level course surveys English literature in its cultural framework from Anglo-Saxon times through the eighteenth century. It is not available for credit for students with credit in ENGL R151. (2)

Transfer credit: UC, CSU (CAN: ENGL 8; ENGL SEQ B (ENGL R104 + R105))

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 SEQ B (ENGL R104 + R105))

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*Prerequisites: ENGL R101.**3 hours lecture weekly*

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)

Transfer credit: UC, CSU (CAN: ENGL 14; ENGL SEQ C (ENGL R107 + R108))

ENGL R108—American Literature II 3 units*Prerequisites: ENGL R101.**3 hours lecture weekly*

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)

Transfer credit: UC, CSU (CAN: ENGL 16; ENGL SEQ C (ENGL R107 + R108))

ENGL R109—African-American Literature 3 units*Prerequisites: ENGL R096.**3 hours lecture weekly*

Analytical, in-depth study of the literature of the African-American experience in the United States. (2)

Transfer credit: UC, CSU

ENGL R110—Women in Literature 3 units*Prerequisites: ENGL R096.**3 hours lecture weekly*

Examination of images, roles, and identities of women in literature and contribution of women to a variety of literary genres. (2)

Transfer credit: UC, CSU

ENGL R111—Shakespeare 3 units*Prerequisites: ENGL R101.**3 hours lecture weekly*

Survey of plays, including romantic comedies, chronicles, tragedies, dark comedies, and romances; lectures, critical papers, and class discussions. (2)

Transfer credit: UC, CSU

ENGL R112—Literature by Women 3 units*Prerequisites: ENGL R096.**3 hours lecture weekly*

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)

Transfer credit: UC, CSU

ENGL R113—Literature of Asia 3 units*Prerequisites: ENGL R096.**3 hours lecture weekly*

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)

Transfer credit: UC, CSU

ENGL R114—Latin American Literature 3 units*Advisory: Eligibility for ENGL R101.**3 hours lecture weekly*

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)

Transfer credit: UC, CSU

ENGL R115—Western World Literature I 3 units*Prerequisites: ENGL R101.**3 hours lecture weekly*

Course surveys in translation selected literary masterpieces from the ancient Mediterranean through the Medieval and Renaissance cultures of Europe. (2)

Transfer credit: UC, CSU

ENGL R116—Western World Literature II 3 units*Prerequisites: ENGL R101.**3 hours lecture weekly*

Course surveys in translation European literary masterpieces from the Renaissance to modern times. (2)

Transfer credit: UC, CSU

ENGL R117—Mexican Literature 3 units*Advisory: Eligibility for ENGL R101.**3 hours lecture weekly*

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)

Transfer credit: UC, CSU

ENGL R118—Introduction to Poetry 3 units*Prerequisites: ENGL R101.**3 hours lecture weekly*

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)

Transfer credit: UC, CSU

ENGL R119—Introduction to Theatre 3 units*3 hours lecture weekly*

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)

Transfer credit: UC, CSU

ENGL R120—Literature of Children 3 units*Advisory: Eligibility for ENGL R101.**3 hours lecture weekly*

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)

Transfer credit: CSU

ENGL R121—U.S. Ethnic Literature 3 units*Prerequisites: ENGL R101.**3 hours lecture weekly*

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)

Transfer credit: UC, CSU

ENGL R122—Chicano/a Literature 3 units*Prerequisites: ENGL R101.**3 hours lecture weekly*

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)

Transfer credit: UC, CSU

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 TV R105)
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. Field trips may be required.
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 or ENGL R140.
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 authors such 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: 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 1/2-3 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: CSU

NOTE: The course listed below has been temporarily suspended. For further information, please contact the Student Learning 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. (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. (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. (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. (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. (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.**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. (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. (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. (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. (2)

ESL R046—ESL Oral/Listening Skills 3 units*Advisory: Readiness for Level 4 listening and speaking ability.**3 hours lecture weekly*

Intended for non-native advanced speakers of English who are able to hold conversations in English, this course provides knowledge of English grammar, vocabulary, and idiomatic usage. This course will help non-native speakers of English prepare adequately documented public presentations so that they may thereby communicate more effectively in academic, professional, and social settings. Field trips may be required. Not applicable for degree credit. Course may be taken two times. (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. (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. (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. (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. (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. (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. (2)

ESL R098—Short Courses in English**1/2-10 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 English as a second language. Unit credit is determined by length of course. Field trips may be required. Not applicable for degree credit. (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:**

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

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
Bruce Barnhart	Darwin Base
Tamara Crudo	Brad Ditto
Chris Donabedian	Russ Emory
Ed Foster	Bruce Hodge
Robert Holoway	Stephanie Huhn
Mike Ketaily	Emmett Kinney
David Kromka	Mike LaPlant
Nancy Merman	James Peterson
Dana Sullivan	

◆ 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

Total State Fire Marshal's CORE Required Units 15

Required Additional Courses:

FTR153	Fundamentals of Personal Fire	
	Safety and Emergency Actions	3
FTR156	Fundamentals of Fire Protection	3
FTR169A	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
FTR151	Fire Protection Organization	3
FTR152	Fire Prevention Technology	3
FTR154	Fire Behavior and Combustion	3
FTR155	Fire Protection Equipment and Systems	3
FTR161	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
FTR151	Fire Protection Organization	3
CIS R100	Introduction to Computer Information Processing Systems	3
BUS R101A	Principles of Accounting I	3
BUS R111A	Business Law I	3
BUS R121	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

BUS R140	Business Communications	3
BUS R141	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 & 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 an 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. Course may be taken four times.

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. Course may be taken four times.

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. Field trips may be required. Course may be taken four times.

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

Prerequisites: FT R080A.

2½ hours lecture weekly

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)

FT R080C—Fire Prevention IC 2½ units

Prerequisites: FT R080A and FT R080B.

2½ hours lecture weekly

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)

FT R081A—Fire Investigation IA 2½ units

2½ hours lecture weekly

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)

FT R081B—Fire Investigation IB 2½ units

Prerequisites: FT R081A.

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)

FT R082—Fire Management I 2½ units

Advisory: FT R151.

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. Field trips may be required.

FT R083A—Fire Command IA 2½ units

Advisory: FT R151.

2½ hours lecture weekly

Key topics in this course include: emergency scene management; fire behavior; initial ground resources; tactics and strategy; and fire ground simulation scenarios specifically designed for the first-in officer. Materials fee is required. Field trips may be required.

FT R083B—Fire Command IB 2½ units

Advisory: FT R083A.

2½ hours lecture weekly

This 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. Field trips may be required.

FT R084A—Fire Instructor IA**2½ units**

Advisory: FT R151.
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. Field trips may be required.

FT R084B—Fire Instructor IB**2½ units**

Advisory: FT R084A.
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. Field trips may be required.

FT R085A—Driver/Operator IA**2½ units**

2½ hours lecture weekly

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 R085B—Driver/Operator IB**2½ units**

2½ hours lecture weekly

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 R086A—Hazardous Materials IA**2½ units**

2½ hours lecture weekly

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 R086B—Hazardous Materials IB**2½ units**

Prerequisites: FT R086A.
2½ hours lecture weekly

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 R086C—Hazardous Materials IC**2½ units**

Prerequisites: FT R086B.
2½ hours lecture weekly

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 R086D—Hazardous Materials ID**2½ units**

Prerequisites: FT R086C.
2½ hours lecture weekly

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 R086E—Hazardous Materials IC/Scene Manager**2½ units**

2½ hours lecture weekly

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 R093A—Fire Command 2A**2½ units**

Prerequisites: FT R083A.
2½ hours lecture weekly

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 R094A—Fire Management 2A**2½ units**

Prerequisites: FT R082.
2½ hours lecture weekly

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 <i>Prerequisites: FT R151.</i> <i>3 hours lecture weekly</i> 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. <i>Transfer credit: CSU</i>	FT R163—Fire Hydraulics 3 units <i>Prerequisites: FT R151.</i> <i>3 hours lecture weekly</i> Review of applied mathematics; hydraulic laws as applied to the fire service; application of formulas and mental calculation to hydraulics and water supply problems. <i>Transfer credit: CSU</i>
FT R155—Fire Protection Equipment/Systems* 3 units <i>Prerequisites: FT R151.</i> <i>3 hours lecture weekly</i> 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. <i>Transfer credit: CSU</i>	FT R164—Fire Company Organization and Management 3 units <i>Prerequisites: FT R151.</i> <i>3 hours lecture weekly</i> Review of fire department organization; planning, organizing, and supervising to meet needs of fire department, with emphasis on company officer's role. <i>Transfer credit: CSU</i>
FT R156—Fundamentals of Fire Protection* 3 units <i>Prerequisites: FT R151.</i> <i>3 hours lecture weekly</i> Theory and fundamentals of fire protection including fire protection laws, water systems and public fire protection systems, fire protection in buildings and open areas. <i>Transfer credit: CSU</i>	FT R165—Hazardous Materials 3 units <i>Prerequisites: FT R151.</i> <i>3 hours lecture weekly</i> 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. <i>Transfer credit: CSU</i>
FT R157—Wildland Fire Control 3 units <i>Prerequisites: FT R151.</i> <i>3 hours lecture weekly</i> 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. <i>Transfer credit: CSU</i>	FT R166—Fire Service Records/Reports 3 units <i>Advisory: FT R151 or equivalent.</i> <i>3 hours lecture weekly</i> 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. <i>Transfer credit: CSU</i>
FT R157L—Wildland Fire Control Lab 1½ units <i>Corequisites: FT R157.</i> <i>1 hour lecture, 1½ hours lab weekly</i> 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. <i>Transfer credit: CSU</i>	FT R167—Fire Apparatus and Equipment 3 units <i>Prerequisites: FT R151.</i> <i>3 hours lecture weekly</i> Fire apparatus design, specifications, and performance capabilities; effective utilization of apparatus in fire service emergencies. <i>Transfer credit: CSU</i>
FT R160—Fire Tactics and Strategy 3 units <i>Prerequisites: FT R151.</i> <i>3 hours lecture weekly</i> Principles of fire control through utilization of firefighters, equipment, and extinguishing agents on the fireground. <i>Transfer credit: CSU</i>	FT R168—Fire Investigation 3 units <i>3 hours lecture weekly</i> 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. <i>Transfer credit: CSU</i>
FT R161—Building Construction for Fire Protection* 3 units <i>Prerequisites: FT R151.</i> <i>3 hours lecture weekly</i> This course covers the fundamentals of building construction as it relates to fire protection. It focuses on classification by occupancy and types of construction, with emphasis on fire protection features, including building equipment, facilities, fire resistive materials and high-rise considerations. Field trips may be required. <i>Transfer credit: CSU</i>	FT R169A—Emergency Medical Technician Basic* 8 units <i>Prerequisites: CPR Certification: AHA "Healthcare Provider" or Red Cross "Professional Rescuer" or equivalent.</i> <i>8 hours lecture weekly</i> Course covers the skills necessary for the individual to provide emergency medical care with an ambulance service or other specialized service at the BLS level. This course is approved by the Ventura County Emergency Medical Services Agency and the California State Department of Emergency Services. Upon successful completion of the course and skills testing, the student will be eligible to sit for the written EMT-B certifying examination administered by the County of Ventura Emergency Medical Services. The student, upon successfully completing the skills examination (included in the course) and the certifying examination (not included in the course) will be eligible for EMT-B National Registry Certification. A non-credit 10-hour clinical component is required in addition to the classroom time. Materials fee is required. Field trips may be required. Course may be taken four times. <i>Transfer credit: CSU</i>
FT R162—Related Codes and Ordinances 3 units <i>Prerequisites: FT R151.</i> <i>3 hours lecture weekly</i> Familiarization and interpretation of national, state, and local codes, ordinances, and laws which influence the field of fire prevention. <i>Transfer credit: CSU</i>	

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

FT R071 Reserve Firefighter Academy

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	Part-Time
Thomas O'Neil	James Craine
	Barbara Maida
	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

This course introduces the regional approach to the study of human geography and the world's major culture realms. Interpreting the cultural landscape employs the essential concepts in a geographic survey of the world in spatial terms, places and regions, the physical environment, and society and environment interaction. (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	Field Geologist
Engineering Geologist	Laboratory Research Worker
Geological Technician	Petroleum Geologist
Environmental Geologist	Marine Geologist

Faculty

Full-Time	Part-Time
Thomas O'Neil	Monem Abdel-Gawad
	Holly Dodson
	Joseph Saenz

Geology Courses

GEOG 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 2 (GEOL R101 + R101L))

GEOG 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 R101 + R101L))

GEOG 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

GEOG 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

GEOG 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 R178) (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: 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

Remy McCarthy

Joyce Parkel

Jerry White

Part-Time

Bill Becktel

Marti Dibble

Marcia Greycloud

Nancy Pierce

◆ 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

This course is a broad study of the knowledge and skills necessary for family and personal health and wellness. It covers the prevention, assessment, and treatment of common health problems. Topics include health and wellness; communication; substance abuse; human sexuality, behavior, reproduction; sexually transmitted diseases; cardiovascular disease; cancer; stress and stress management; mental health; nutrition; fitness; weight control; aging, dying, death and health care; and environmental health. Field trips may be required.

Transfer credit: UC, CSU

HEd R105—First Aid and Personal Safety 3 units

3 hours lecture weekly

This course develops safety awareness and positive reactions to emergency situations. It covers ways of reacting to persons suffering from traumatic shock as well as ways of interacting with and calming family members of injured persons. The course includes, but, is not limited to recognition and standard treatment procedures for four life threatening situations (unconsciousness, breathing, circulation-pulse, and severe bleeding), use of the Automated External Defibrillator (AED), care for poisoning, fractures, emergencies, shock, identification and prevention of sexually transmitted diseases, injury prevention and safety of infants, toddlers/preschoolers and young children, and preventative drug education. Students successfully completing the course receive an American Red Cross Standard First Aid Card, Adult and Child and Infant CPR Cards, and an Automated External Defibrillation (AED) Card. A material fee will be 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	Steve McHargue
Carolyn Dorrance	William Thrasher
Ishita Edwards	
Tomas Salinas	
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
		12

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 R100A—History of World Civilizations I 3 units

3 hours lecture weekly

This interdisciplinary survey will investigate the social, cultural, economic, and political characteristics of the ancient and classical civilizations that emerged in Asia, the Near East, Europe and the Americas before 1,500 C.E. The impact of cultural ideals, leadership, technology, migration, war and trade will be examined to identify and explain historical change and to understand the emergence of civilizations having global influence. Field trips may be required. (2)

Transfer credit: CSU

HIST R100B—History of World Civilizations II 3 units

3 hours lecture weekly

This interdisciplinary survey will examine the social, cultural, economic and political factors influencing the modernization of classical civilizations established in Asia, the Near East, Europe, Africa and the Americas. The impact of industrialization, global trade, migration, urbanization, the nation-state model, war, colonization, and secular social and political ideals will be examined to identify and explain the process of modernization and global interdependence which has transformed human experience since 1500 C.E. Field trips may be required. (2)

Transfer credit: CSU

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 SEQ B (HIST R102 + R103))

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; HIST SEQ B (HIST R102 + R103))

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 SEQ A (HIST R105 + R106))

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 SEQ A (HIST R105 + R106))

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 R107)

Transfer credit: UC, CSU

HIST R108—African-American History 3 units

3 hours lecture weekly

This course provides an analysis of the history of African-Americans in the United States from their African origins to the present with special emphasis on contemporary implications of historical events. The course considers the major roles played and contributions made both collectively as a people, and by specific individuals, in the development of the United States of America as well as the institutions, trends, movements, and problems affecting Black America. This course satisfies degree requirements in American Institutions. Field trips may be required. (2)

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 SOC R112) (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: 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	Club Manager
Hotel Sales Manager	Restaurant Manager/Owner

Faculty

Full-Time

Frank Haywood

Part-Time

Abdallah Al-Sadek
Dirk Boon
Christine Denny
Richard Hamden
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 32½

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
CIS R020A 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 Resources 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
CIS R020A 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. Rations 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 food-borne 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**

Marie Butler

Linda Kamaila

Carolyn Dorrance

◆ Bilingual/Cross-Cultural**Associate in Arts Degree****Required Courses:**

	Units
ENGL R102	Critical Thinking and Composition Through Literature 3
ENGL R122	Chicano/a Literature 3
HIST R107	History of Mexican People in the US 3
HIST R109	History of Mexico 3
SPAN R103	Intermediate Spanish I 5
SPAN R104	Intermediate Spanish II 5
SPAN R107	Hispanic American Culture 3
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		
PE R124	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

7.5-9

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 R107—Cultural Events Series 1 unit

1 hour lecture weekly

This course involves attendance at Scholars' Lecture Series events and other approved cultural or arts events held on campus or in the community. Students will write brief analyses of each event that they attend. Field trips may be required. Course may be taken two times. (1)

Transfer credit: 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: 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: IDS 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: 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: CSU

NOTE: The course listed below has been temporarily suspended. For further information, please contact the Student Learning 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
ASL R101	Beginning American Sign Language I	3
ASL R102	Beginning American Sign Language II	3
ASL R103	Intermediate American Sign Language I	3
ASL R104	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
SOC R103	Race and Ethnic Group Relations	3
ENGL R101	College Composition	4
ASL R105	Advanced American Sign Language	3
ADS R106	Adult Children of Alcoholics	3
Total Core Requirements		39

Additional Required Courses:		Units
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 fieldwork, 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 (CAN: JAPN 2)***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: 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 newspaper software 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-TimeSteven Ames
Doug Feldman

◆ Journalism

Associate in Arts Degree**Required Core Course:**

	Units
JOUR R100 Introduction to Mass Communications	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
	<hr/> 12

Required Additional Courses:

Complete six units from the following:

	Units
JOUR R108 Introduction to Feature Writing	3
JOUR R111 Broadcast Journalism	3
JOUR R120 Newspaper Desktop Publishing	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

Total Required Units 21**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:

	Units
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 Communications	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 Communications	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:

Choose one from the following:

	Units
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 1/2-3 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 **2 units**

6 hours lab weekly

This course introduces students to newspaper design using desktop publishing technology and techniques. In a laboratory setting, students will use contemporary desktop publishing technology to develop skills necessary to design a newspaper. Students work will involve contributing to the production of the student newspaper, the *Campus Observer*. (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 R133)

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 BUS R141)

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 BUS R142)

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 BUS R186)

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

Tom Brooks	Grace Esnardo
Alice Huston	Nancy Johnson
Diana Needham	Tess Neilson
Michael Rodriguez	Mike Sment

◆ Legal Assisting

**Associate in Science Degree
Certificate of Achievement****Required Courses:**

	Units
LA R001 Legal Assisting Fundamentals	3
LA R002A Torts	3
LA R002B Contracts	3
LA R003 Legal Research and Drafting I	3
LA R005 Legal Research and Drafting II	3
LA R007 Civil Litigation	3
LA R009 Evidence for Legal Assistants	3

Total Core Units 21

Complete at least six (6) units from the following:

BUS R111A Business Law I	3
CIS R041 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**½-10 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

Carl Demetropoulos

Joe Frantz

Joseph Saenz

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 1-6

MST R195

Field Applications of

Marine Conservation

3

6

Complete a minimum of 10 units from the following:

MST R103/R103L	Oceanography	4
MST R116/R116L	Marine Biology	4
MST R120/R120L	Scuba Diving	3
MST R175	Marine Field Studies	3
MST R170/R178	Marine Resource Management	2
Total Required Units		16

Marine Studies Courses

MST R100—Marine Biology 3 units

3 hours lecture weekly

This survey course includes an introduction to ecology, organism identification, anatomy, physiology, and conservation of marine organisms. Applications of the scientific method in marine biology are emphasized. Field trips may be required. (Same as BIOL R100) (2)

Transfer credit: UC, CSU

MST R100L—Marine Biology Laboratory 1 unit

Prerequisites: MST R100 or concurrent enrollment.

3 hours lab weekly

This survey course includes laboratory and field studies of marine organisms and their environment, the use of the scientific method, and basic biological skills. Optional field trips may be required. (Same as BIOL R100L) (2)

Transfer credit: UC, CSU

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 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: 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: 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: MST 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
Bret Black	Michael Bowen
Steven Hall	Alan Hayashi
David Magallanes	Maria Parker
Irene Peters	Rena Petrello
Colleen Ryan	

Part-Time

Marlene Dean	James De Smet
Roland Handy	Maricruz Hernandez
Jim Ingersoll	Thomas Janssens
Bill Mandras	Russell Meyer
Richard Minks	Binh Ninh
John Norbutas	Gary Rigsby
Mamerta Santiago	Hugo Viveros
Lilia Zambrano	

◆ Mathematics

Associate in Arts Degree

Required Courses:		Units
MATH R120	Calculus with Analytic Geometry I	5
MATH R121	Calculus with Analytic Geometry II	5
MATH R122	Calculus with Analytic Geometry III	5
MATH R125	Differential Equations with Linear Algebra	5
CS R110	Programming with JAVA	4
		24

Additional Requirement:

Complete a minimum of nine (9) units from the following:

		Units
MATH R105	Introductory Statistics	4
PHYS R131	Physics for Scientists and Engineers 1	5
PHYS R132	Physics for Scientists and Engineers 2	5
PHYS R133	Physics for Scientists and Engineers 3	5
CHEM R120	General Chemistry I	5
CS R115	Programming C++	4
		9-10

Total Required Units 33-34

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 R010.

5 hours lecture weekly

This is a first course in algebra. The topics will include: operations with counting numbers, integers, rational, and real numbers; linear equations and inequalities; graphing in one and two dimensions; ratio, proportion; laws of exponents; operations with polynomials; rational expressions; factoring; systems of linear equations; and quadratic equations. (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

This is a 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. The topics include solutions of systems of linear equations; functions; graphing of linear and non-linear functions; complex numbers; radical expressions and equations; solutions of equations of higher degree; rational expressions and equations; exponential and logarithmic functions; conic sections; sequences and series. (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 **1/2-10 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

An advanced course in algebra, this course focuses on the study of functions and their graphs, techniques of solving equations and the recognition and creation of patterns. Students will analyze and graph functions (constant, linear, quadratic, absolute value, square root, cubic, polynomial, rational, exponential, and logarithmic). Topics also include inequalities, absolute values, analytic geometry of conic sections, systems of linear and nonlinear equations and inequalities, matrices, determinants, the binomial theorem, sequences, series, and mathematical induction. This course includes problem-solving strategies with applications to many areas including business and the social, biological, and physical sciences. (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 R118—Precalculus Mathematics **5 units**

Prerequisites: MATH R014.

This course gives the calculus-bound student a solid foundation in precalculus algebra and analytic trigonometry, with emphasis on function concepts and graphing. Topics include equations and inequalities, analytic geometry of lines and conic sections, properties of functions, techniques of graphing, elementary functions

(linear, quadratic, rational, exponential, logarithmic, and trigonometric) and inverse functions, trigonometric identities and equations, polar graphing, optimization applications, systems of equations, theory of equations, mathematical induction, binomial theorem, sequences, and series. (2)

Transfer credit: CSU (CAN: MATH 16)

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 R118A + R118B))

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 (CAN: MATH 16 (MATH R118A + R118B))

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**

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 SEQ A (MATH R120 + R121; MATH SEQ C (MATH R120 + R121 + R122))

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

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 SEQ A (MATH R120 + R121; MATH SEQ C (MATH R120 + R121 + R122)

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 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 SEQ C (MATH R120 + R121 + R122)

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 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 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: 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: CSU

NOTE: The courses listed below have been temporarily suspended. For further information, please contact the Math, Science & Health division office.

MATH 23	Geometry
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

Part-Time

Fundi Lehohn Jorge Sanchez-Perez

◆ 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

BUS R111A	Business Law I	3
BUS R120	Introduction to Business	3
BUS R121	Introduction to Management	3
BUS R123	Small Business Management	3
BUS R132A	Marketing	3
BUS R133	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 as 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**

James Kenney

Part-Time

Michael Bonn
Mona Decesare
Bruce Edmiston
Carlos Gonzales
Fundi Legohn

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***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 (CAN: MUS 8)***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 (CAN: MUS 10)***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 hours 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, backstage and technical work. Course may be taken two times. (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**1/2-10 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: 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: 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
Emma Waits

Anthony Raptis

Leadership Courses

LDR R100—Student Leadership**3 units***2 hours lecture, 3 hours lab weekly*

This course is designed to provide emerging and existing leaders the opportunity to explore the concept of leadership and to develop and improve their leadership skills. The course prepares students to assume leadership positions in organizations and emphasizes team building, time management, conflict resolution, goal setting, decision-making skills, and effective communication styles. Contemporary readings on leadership are integrated into the classroom discussions. Field trips may be required. (2)

Transfer credit: CSU

Personal Growth Courses

PG R001—Orientation: All About Oxnard College**1/2 unit***1/2 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**1/2 unit***1/2 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**1 1/2 units***1 1/2 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**1 1/2 units***1 1/2 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 R008—Student Success: Life Skills: Time Management 1 unit
1 hour lecture weekly

This course is designed to provide students with appropriate skills in life by teaching them time management techniques: evaluation, priorities, keeping a daily journal, and projecting a five-year plan for them. Course may be taken two times. (1)

PG R009—Student Success: Life Skills: Goal Setting 1 unit
1 hour lecture weekly

This course is designed to provide students with skills in life by teaching them to brainstorm their goals, sort their goals and then to create a step-by-step plan to achieve immediate goals as well as long-term goals. Course may be taken two times. (1)

PG R010—Student Success: Life Skills: Building Resources and Support Systems 1 unit
1 hour lecture weekly

This course is designed to provide students with a knowledge of all student services and college services offerings as well as community resources from both the college services and the community services. Course may be taken two times. (1)

PG R011—Student Success: Life Skills: Reviewing Your Personal Skills and Professional Achievements 1 unit
1 hour lecture weekly

This course is designed to provide students with a knowledge of all student services and college services offerings as well as community resources, and how to profit services. Course may be taken two times. (1)

PG R012—Student Success: Life Skills: Reducing and Managing Stress In Your Life 1 unit
1 hour lecture weekly

This course is designed to provide students with life skills in order to handle the stress of everyday life, school, family, relationships, and finances. Course may be taken two times. (1)

PG R014—Student Success: Life Skills: Clarifying Your Values 1 unit
1 hour lecture weekly

This course is designed to provide students with an avenue to look at the beliefs and values that they live and to support these more clearly or to take away the ones that create stumbling blocks toward their career and life goals. Course may be taken two 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 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 Opportunities

Business Executive	Sales Personnel/Manager
Social/Welfare Worker	Teacher

Faculty

Full-Time	Part-Time
Carolyn Dorrance	Lee French
Christopher Horrock	Russell Sanders
	James Tepfer
	Douglas Thiel

◆ Philosophy

Associate in Arts Degree

Required Courses:

	Units
PHIL R101 Introduction to Philosophy	3
PHIL R107 Logic	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
	12
Total Required Units	18

Philosophy Courses

PHIL R101—Introduction to Philosophy 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)

PHIL R102—Introduction to Ethics 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 4)

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 SEQ A (PHIL R105 + R106))

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 SEQ A (PHIL R105 + R106))

PHIL R107—Logic 3 units

3 hours lecture weekly

This course provides an introduction to the subject of deductive reasoning. Both ancient and modern forms of argument and language analysis will be considered. Students will learn how to translate ordinary statements and arguments into formal symbolic language. Students will also learn how to evaluate the results and outcomes of modern symbolic logic. An effort is made to help students develop an introductory understanding of systematic thinking and to apply formal analytical skills to other subjects in the college curriculum. This course is recommended for both majors and non-majors. (2)

Transfer credit: UC, CSU

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

This course provides an introduction to the nature of arguments: how to analyze them and assess the soundness of the reasoning they represent. Common fallacies that often occur in arguments are discussed in light of what counts as a good deductive or inductive inference. Other topics include the use of language in argumentation to arouse emotions as contrasted with conveying thoughts, logic of scientific experiments and hypothesis-testing in general, and some general ideas about probability and its application in making normative decisions (e.g., betting). Students will learn the basics of analytic writing and the relation of writing to critical thinking. Course credit not available for students with credit in PHIL R121. This course satisfies 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

This survey course for non-majors provides an introduction to the nature of arguments: how to analyze them and assess the soundness of the reasoning they represent. Common fallacies that often occur in arguments are discussed in light of what counts as a good deductive or inductive inference. Other topics include the use of language in argumentation to arouse emotions as contrasted with conveying thoughts, logic of scientific experiments and hypothesis-testing in general, and some general ideas about probability and its application in making normative decisions (e.g., betting). Course credit is not available for students with credit in PHIL R111. (2)

Transfer credit: UC, CSU

PHIL R189—Topics in Philosophy 1/2-3 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: 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: 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
Physical Education Instructor

Pre-Physical Therapy

Faculty

Full-Time

Remy McCarthy
Ron McClurkin
Jerry White

Part-Time

Bill Becktel	Jorge Brescia
Pam Cohen	Ron Cook
Marti Dibble	Marcia Greycloud
John Larson	George Peraza
Mike Scanlon	Cameron West
Michael Young	

Physical Education Courses

PE R098—Short Courses in Physical Education

1/2-10 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

1 1/2 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: 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: 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: 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: 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: 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: 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 Folklorico Dance** **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***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-defence 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: 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: 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: 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: 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: 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: 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: 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: 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: 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: CSU***PE R147—Isotonic Exercise** **1½ units***1 hour lecture, 2 hours lab weekly*

Studies mechanics of isotonics 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: 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: 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: 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: 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 kinesthetic 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: 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: 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: 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: 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: 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: 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: 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: 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: 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: 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: 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: 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: CSU***PE R165—Conditioning for Athletes** **1½-2 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: 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: 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: 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: 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

Faculty

Part-Time

Dale Synnes

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***PHSC R170—Concepts in Physical Science** **4 units***Prerequisites: MATH R014.**3 hours lecture, 3 hours lab weekly*

This introductory course focuses on principles, laws, and concepts in physics and chemistry. Students model scientific reasoning and experimentation processes: questioning, forming hypotheses, testing hypotheses experimentally, and performing analysis and additional questioning that lead to further experimentation. The laboratory includes an introduction to microcomputer-based data acquisition. Lab activities are closely sequenced with the lecture topics, which include motion, forces, energy, momentum, heat, electricity and magnetism, light and spectrometry, radioactivity, acids and bases, and reactions and rates. The course incorporates current knowledge of science teaching and concept development. It is aimed at current and prospective teachers, or anyone desiring to acquire basic literacy in physical science. Field trips may be required. (2)

Transfer credit: CSU.

PHYSICS

Career Opportunities

(Post-bachelors 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

Part-Time

Caroline Hess

Physics Courses

PHYS R101—College Physics 1

5 units

Prerequisites: MATH R18A.

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 SEQ A (PHYS R101 + R102))

PHYS R102—College Physics 2

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 SEQ A (PHYS R101 + R102))

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 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

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

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

PHYS R199—Directed Studies in Physics

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: CSU

*Course numbers have been changed. CAN confirmation is pending.

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

Carolyn Dorrance
Gloria Guevara

Part-Time

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:

Select six units from the following:

ANTHR102	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

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: 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: 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	Duane Essex
Linda Chaparro	Karen Lehner
	Daniel McDermott
	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
	<hr/> 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/	Sex Roles	3
SOC R104		
PSY R109	Loss, Grief and Death	3
PSY R110	Human Sexuality	3
PSY R111/	The Exceptional Child	3
CD R108		
PSY R112/	Parent/Child Interaction	3
CD R130		
PSY R113	Psychology of Maturing & Aging	3
PSY R120	Animal Behavior	3
		<hr/> 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: 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: 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: 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	Joan Evans
Linda Chaparro	Elaine Gonzales
Carolyn Dorrance	Ron Jackson

◆ 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: Units

Complete one of the following courses:	
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

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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 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 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: CSU

SPANISH

Career Opportunities

B.A. Level

Interpreter

Foreign Clerk

Foreign-Exchange

Translator

Foreign Service Officer

Trader

Faculty**Full-Time**

Carmen Eblen

Part-Time

Cecilia Boroumand

Maria Cheline

Dora Madrigal

Kyra Sovero

Mary Bowen

Marta Garza-Laird

George Peraza

◆ Spanish**Associate in Arts Degree****Required Courses:**

		Units
SPAN R103	Intermediate Spanish I	5
SPAN R104	Intermediate Spanish II	5
		10

Required Additional Courses:

		Units
Complete a minimum of 9 units from the following:		
SPAN R101	Elementary Spanish I	5*
SPAN R101A	Elementary Spanish 1A	3*
SPAN R101B	Elementary Spanish 1B	3*
SPAN R102	Elementary Spanish II	5*
SPAN R102A	Elementary Spanish 2A	3*
SPAN R102B	Elementary Spanish 2B	3*
SPAN R105	Native Spanish Speaker 1	5*
SPAN R106	Native Spanish Speaker 2	5*
SPAN R107	Hispanic American Culture	3
SPAN R108	Composition in Spanish	3
SPAN R117	Hispanic-American Literature	3
SPAN R118	Cinema Hispanoamericano	3
		9 - 11
Total Required Units		19 - 21

*No more than 5 units of SPAN R101-R106 can be applied to the major.

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 SEQ A (SPAN R101 + R102))

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 SEQ A (SPAN R101 + R102))

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 SEQ B (SPAN R103 + R104))

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 SEQ B (SPAN R103 + R104))

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 **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: UC, 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: CSU

SPECIAL EDUCATION

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.

SPEECH

Career Opportunities

(Post-bachelors degree necessary)

Lawyer	Management Trainee
Lecturer	Politician
Linguist	Speech Therapist

Faculty

Part-Time

Gary Amar	Frances Atkins
Monica Conway	Raymond Fredette
Roland Glover	Linda Harpe
Jessica Kelpine	Leslie Radford

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

The course introduces 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 writing assignments. By working within a method guaranteed to release tension, students will learn to speak before groups. (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 Academic Oral Communication **3 units**

Advisory: ESL R046.

3 hours lecture, 1 hour lab weekly

Speech R108 is designed to help advanced non-native speakers of English communicate effectively in academic, professional, and social settings. Field trips may be required. (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: CSU

NOTE: The courses listed below have been temporarily suspended. For further information, please contact the Student Learning 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

Andres Orozco

◆ 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

OCTV - OC's Television Station

Since 1987 Oxnard College has provided students and the community with educational and entertainment programming on Oxnard College Television on Adelphia throughout Oxnard and Port Hueneme. Programming includes shows produced by television production students, credit telecourses and other entertainment programming. Oxnard College Television produces college and community programming on-location and in its well-equipped television production studio. Students create original programming as part of their lab work in television production courses.

Telecourses shown on OCTV offer students a chance to earn regular transferrable college credit by watching programming on subjects such as History, Political Science, Child Development, Health, Sociology and Business Law, with limited attendance on campus.

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

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	Hassan Fayyad

Theatre Arts Courses

THA R098—Short Courses in Theatre Arts 1/2-10 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 (CAN: DRAM 18)

THA R102A—Fundamentals of Acting I 3 units*2 hours lecture, 3 hours lab weekly*

The beginner's course emphasizes the combination of thought, emotion, movement and vocal techniques to create performance work in live theatre. Emphasis is placed on improvisational exercises culminating in scene work. Field trips may be required.

*Transfer credit: UC, CSU***THA R102B—Fundamentals of Acting II 3 units***2 hours lecture, 3 hours lab weekly*

This advanced acting course emphasizes performance work in monologues, soliloquies, and scene work for audition material to be used in academic and professional programs. Field trips may be required.

*Transfer credit: UC, CSU***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*

The course introduces 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 writing assignments. By working within a method guaranteed to release tension, students will learn to speak before groups. (Same as SPCH R104)

*Transfer credit: UC, CSU***THA R105—Introduction to Film 3 units***3 hours lecture weekly*

One of the most powerful cultural and artistic media, film involves the study of film production, cinema techniques, and visual styles. Students will view films to experience a variety of cultural, historical, ideological and technological advances in film from its birth to the present day. This course seeks to help students become active film viewers by developing criticism of social, historical, and cultural aspects of film as a developing medium.

*Transfer credit: CSU***THA R106—History of American Cinema 3 units***3 hours lecture weekly*

The evolution of film as an art form in the United States involves the cultural changes of a nation emerging as the film capital of the world. This course is an introduction to the development, history and aesthetics of Hollywood films according to how they are classified within genres or forms. Students will develop an appreciation of classic and contemporary films as entertainment and cinematic art. Field trips may be required.

*Transfer credit: CSU***THA R107—Contemporary Foreign Films 3 units***3 hours lecture weekly*

This course is a study of contemporary foreign films as they explore historical and cultural values within different societies. The evolution of the socio-political climate that produces film as an art form in other countries will center on the technology, business, aesthetics,

and cultural impact of the medium. This course introduces contemporary foreign cinema, focusing on works of important directors and their production techniques.

*Transfer credit: CSU***THA R108—Acting for TV and Film I 3 units***2 hours lecture, 3 hours lab weekly*

This course introduces acting techniques to be applied to taped presentations. Professional requirements including auditioning, résumé writing, and performing will be developed, culminating in a final filmed presentation.

*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 (CAN: DRAM 12)***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 1/2-10 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: CSU***THA R199—Directed Studies in Theatre Arts 1/2-3 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 taken two times. (2)

Transfer credit: 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 studied. 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

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 blackjack,

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 or their designee 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 or their designee 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 or their designee 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 or their designee 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 or their designee 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 Code of Regulations, 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 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 Office, and the Evening Program Office in the mailroom. 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. There is a \$100 deductible for athletes 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 (805) 986-5832.

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 casual 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 Code of Regulations 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

Complaint Procedure for Harassment/ Discrimination

Members of a college community—students, faculty, administrators, staff, and visitors—must be able to study and work in an atmosphere of mutual respect and trust. Ventura County Community College District is actively committed to creating and maintaining an environment which respects the dignity of individuals and groups.

The goal of Ventura County Community College District is to be sensitive to the needs of students, staff and those who interact with the college community, while preserving the rights of those against whom allegations have been made.

Employees or students of the District who feel that they have been harassed or discriminated against based on race, color, national or ethnic origin, age, gender, religion, sexual orientation, veteran status, marital status, or physical or mental disability have the right to file a complaint. The procedures outlined govern the process for all discrimination complaints filed by employees or students, including sexual harassment. Complaints may be filed student against student, student against employee, employee against student, employee against employee, visitor against employee, employee against visitor, etc.

Complaints must be filed with the District within one year of the alleged harassment or discrimination or within one year of the date on which the Complainant knew or should have known of the facts of the alleged incident.

District employees involved in any aspect of investigating or resolving a complaint of harassment or discrimination will have received training from a qualified source in advance of their service.

Non-retaliation for filing—no individual will suffer retaliation as a result of filing a claim or being a witness in regard to harassment/discrimination allegations. Persons engaging in retaliation are subject to disciplinary action.

DEFINITIONS

Complainant: An individual who believes that he/she has been the victim of harassment or discrimination.

Respondent: An individual against whom a claim of harassment or discrimination is made.

Complaint: A written allegation that a student, staff member, or other individual who interacts with VCCCD has subjected someone to harassment or discrimination.

Responsible District Officer: The person at the District who is responsible for coordinating the investigations of all harassment and discrimination complaints.

Intake Facilitator: The person on the campus or at the District Service Center who is responsible for conducting the informal and/or formal investigation of all harassment/discrimination complaints.

The District has established the following procedures to resolve charges of harassment or discrimination.

INFORMAL PROCESS

An individual who has reason to believe that he or she has been a victim of harassment or discrimination based on race, color, national or ethnic origin, age, gender, religion, sexual orientation, marital status, veteran status, or physical or mental disability may resolve the matter through an informal process under this procedure. Participation in the informal process is optional and not a prerequisite to filing a formal complaint.

1. A person who believes that he or she has personally suffered harassment or discrimination should contact the appropriate Intake Facilitator at their location to directly discuss his or her concerns.
2. The Intake Facilitator may inform the Respondent of the possible complaint and shall meet with the Complainant to:
 - a. understand the nature of the concern;
 - b. give to Complainant a copy of the District's Sexual Harassment Policy brochure and this "Complaint Procedure for Harassment/Discrimination" document;
 - c. inform Complainant of his or her rights under this complaint procedure;
 - d. assist the Complainant in any way advisable.
3. If the Complainant and the Respondent agree to a proposed resolution, the resolution shall be implemented and the informal process shall be concluded. At any time during the informal process, the Complainant may initiate a formal complaint.
4. The Intake Facilitator shall keep a written log of discussions and a record of the resolution. This information shall become part of the official investigation file if the Complainant initiates a formal complaint. If the parties reach a tentative agreement upon resolution of the complaint, a letter summarizing the resolution shall be sent to the Complainant and the Respondent. A copy of this letter shall be sent to Human Resources for approval.
5. Once a complaint is put in writing and signed by the Complainant, the Complaint is considered to be formal and the formal complaint procedures should be followed.
4. After a proper complaint is received, the Intake Facilitator shall investigate the charges as stated in the complaint. The Intake Facilitator shall send a copy of the complaint to the Responsible District Officer, who, after consultation with the Vice Chancellor of Human Resources and the District Chancellor, shall send a copy to the State Chancellor of the California Community College System. A summary of the complaint and procedures shall also be sent to the Respondent. A copy of the complaint will be maintained in the Office of Human Resources at the District Service Center.
5. The Intake Facilitator shall meet with the Complainant to review the nature of the complaint and identify the scope and nature of the investigation. If the Complainant fails to meet with the Intake Facilitator within a reasonable time (usually 10 working days), the Intake Facilitator will continue the investigation to the best of his/her abilities based on the written formal complaint. After meeting with the Complainant, the Intake Facilitator shall give the Respondent an opportunity to meet with him/her to receive the Respondent's answer to the complaint and to review with Respondent the scope and nature of the investigation. Complainant and Respondent may inform the Intake Facilitator of witnesses to contact and may present documents in support of their positions.
6. Prior to completing the investigation, the Intake Facilitator shall meet again with the Complainant and the Respondent separately, to give an overview of the steps taken during the investigation, to ask Complainant and Respondent for the names of any other individuals the Intake Facilitator might speak with to request any additional information.
7. The Responsible District Officer shall determine whether harassment or discrimination did or did not occur with respect to each allegation in the complaint. The findings shall take into consideration the severity of the conduct, the pervasiveness of the conduct, the pertinent background, and other relevant District policies.

FORMAL PROCESS

1. A person who alleges that he or she has personally suffered harassment or discrimination based on race, color, national or ethnic origin, age, gender, religion, sexual orientation, veteran status, marital status, or physical or mental disability shall complete and sign the District's Harassment/Discrimination Complaint Form within one year of the alleged incident or within one year of the date on which the Complainant knew or should have known of the facts of the harassment or discrimination incident.
2. On the complaint form, the Complainant shall describe in detail such alleged harassment or discrimination and the action the Complainant requests to resolve the matter. All written complaints shall be signed and dated by the Complainant, and shall contain at least the name(s) of the individual(s) involved, the date(s) of the event(s) at issue and a detailed description of the actions constituting the alleged harassment or discrimination. Names, addresses and phone numbers of witnesses or potential witnesses should also be included, when possible.
3. The Intake Facilitator will review the complaint to determine whether it describes the kind of harassment or discrimination which is prohibited under these procedures and whether the complaint sufficiently describes the facts of the alleged misconduct. If the complaint does not describe the kind of prohibited conduct the District investigates under the procedures, the Complainant will be notified and will be referred to the appropriate process. If the complaint does not sufficiently describe the facts giving rise to the complaint so that a determination can be made regarding whether the alleged misconduct is covered under these procedures, the complaint will be returned and the Complainant will be invited to submit an amended complaint providing enough factual detail to allow the above determination to be made.
8. In the event the complaint is against the Responsible District Officer, the Vice Chancellor of Human Resources shall appoint an investigator to review the complaint. In the event the complaint is against the Vice Chancellor of Human Resources, the District Chancellor or designee shall appoint an investigator to hear the complaint, receive the report, and make a determination on any final action.
9. The District shall complete its investigation and forward to the Complainant and Respondent within 90 calendar days of receiving a complaint, and the Chancellor of the California Community College System within 150 calendar days of receiving a complaint, all of the following:
 - a. A summary of the investigative report;
 - b. A written notice setting forth:
 - (1) the findings of the District investigator and District Chancellor as to whether harassment or discrimination based on race, color, national or ethnic origin, age, gender, religion, sexual orientation, veteran status, marital status, or physical or mental disability did or did not occur with respect to each allegation in the complaint;

- (2) a description of actions to be taken, if any, to remedy any discrimination or harassment that occurred and to prevent similar problems from occurring in the future;
- (3) the proposed resolution of the complaint;
- (4) the Complainant's right to appeal to the District Chancellor; then the State Chancellor of the California Community College System; and
- (5) In the event disciplinary action is recommended for the Respondent, he/she shall be entitled to all due process procedures provided by statute and/or the employee collective bargaining agreement.

APPEAL RIGHTS

If the Complainant is not satisfied with the results of the formal level administrative determination, the Complainant may appeal the determination by submitting objections to the District Chancellor within fifteen calendar days of the receipt of the determination. Within forty-five calendar days of receiving the Complainant's appeal, a copy of the final District decision rendered by the District Chancellor shall be forwarded to the Complainant, the State Chancellor of the California Community College System, and, if appropriate, the Respondent. If the District Chancellor does not act within forty-five calendar days, the administrative determination shall be deemed approved and shall become the final District decision in the matter. Complainant shall have the right to file a written appeal with the State Chancellor of the California Community College System within thirty calendar days after the District Chancellor has issued the final District decision or permits the administrative determination to become final.

HOW TO FILE A HARASSMENT OR DISCRIMINATION COMPLAINT

1. A copy of these procedures and the Ventura County Community College District's Harassment/Discrimination Complaint forms are available in the Office of Human Resources, the offices of the Intake Facilitators on each campus, and in the Executive Vice President's Office on each campus.
2. Completed complaint forms may either be mailed or delivered to the Ventura County Community College District, Assistant Vice Chancellor of Human Resources, 333 Skyway Drive, Camarillo, CA 93010, or to one of the Intake Facilitators on each campus.
3. Complaints must be filed with the District within one year of the alleged unlawful harassment or discrimination or within one year of the date on which the Complainant knew or should have known of the facts of the alleged incident.
4. A person who alleges that he or she has personally suffered harassment or discrimination based on race, color, national or ethnic origin, age, gender, religion, sexual orientation, veteran status, marital status, or physical or mental disability, or one who has learned of such unlawful harassment or discrimination, shall invoke the procedures described above.
5. An individual may also file a complaint of unlawful discrimination with the Equal Employment Opportunity Commission, 2014 "T" Street, Suite 210, Sacramento, CA 98514, the United States Department of Education, Office of Civil Rights, 50 United Nations Plaza, Room 239, San Francisco, CA 94102, or the Department of Fair Employment and Housing may be called at 1-408-291-7352. These additional procedures may be used at the time of filing a complaint, during, or after use of the District harassment or discrimination complaint process. Filing deadlines for the aforementioned offices may vary. Note that the filing deadlines and procedures for each agency may differ.

6. Non-retaliation for filing—no individual will suffer retaliation as a result of filing a claim or being a witness in regard to harassment/discrimination allegations. Persons engaging in retaliation are subject to disciplinary action.

DISSEMINATION

The District will disseminate the information regarding District policies and appropriate procedures on harassment and discrimination to all employees and students by announcing its existence in prominent places throughout the District including, but not limited to, the college catalog and schedule of classes, appropriate employee and/or student publications, on official District and Union bulletin boards, and by direct communication to District employees.

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, 2002 to December 31, 2002.

Criminal Homicide	0
Rape	0
Robbery	1
Aggravated Assault	0
Burglary	2
Theft	27
Motor Vehicle Theft	3
Arson	1
Misdemeanor Assault	5
Drug Violations	0
Alcohol Violations	1
Vandalism	13
Bomb Threats	0
Fraud/Embezzlement	3
Weapons Violations	0
Stolen Property	0
Battery	0
Sex Crimes	1
Miscellaneous	9
Computer Crime	0
Traffic Accidents	0
Other Violations	7

Administration, Faculty, and Staff

Ventura County Community College District Board of Trustees

Mr. Arturo D. Hernández, President
Ms. Cheryl Heitmann, Vice President
Chief Robert S. Gonzales, Member
Dr. Allan W. Jacobs, Member
Ms. Mary Anne Rooney, Member
Ms. Elizabeth Wolfel, Student Trustee

District Administration

Mr. William G. Studt, Interim Chancellor
Mr. Michael D. Gregoryk, Deputy Chancellor
Ms. Patricia Parham, Interim Vice Chancellor,
Human Resources
(*vacant*), Assistant Vice Chancellor,
Human Resources
Mr. Victor Belinski, Associate Vice Chancellor,
Information Technology
(*vacant*), General Counsel
(*vacant*), Dean, Economic Development

Oxnard College Administration

Dr. Lydia Ledesma-Reese, President

College Services

Rene Rodriguez, Vice President, College Services
Dr. Jaime Casillas, Dean, Economic Development
and Community Initiatives
Harry Culotta, Director of Business Services and
Evening Administrator
Will Deits, Director, Maintenance & Operations

Student Learning

Mr. Ramiro R. Sanchez, Executive Vice
President, Student Learning
Delois J. Flowers, Dean, Learning Resource
Center, Social Sciences and Letters
Dr. Steven C. Hall, Dean, Mathematics, Science,
Health, and Fine and Performing Arts
Mr. Joe Ramirez, Dean, Student Services
Cheryl Shearer, Dean, Business, Technology,
Public Services and Health Occupations
(*vacant*), Dean, Liberal Education
(*vacant*), Dean, Instruction & Innovation
Dr. Darla M. Cooper, Director, Institutional
Research and Learning Outcomes Assessment

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

Black, Bret S., Associate Professor (2001)
Mathematics. B.A., University of California, Santa
Barbara; M.S., California State University, Fullerton
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
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)
Economic Development and Community Initiatives.
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
Cooper, Darla M., Director (2001)
Institutional Research and Learning Outcomes
Assessment. B.A., University of California, San Diego;
M.S., Ed.D., University of Southern California
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
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
Ehlen, 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)
Learning Resource Center, Social Sciences and Letters.
B.A., California State University, Los Angeles; M.L.S.,
Rutgers State University, New Jersey
Fontes, Ross, Counselor (2002)
EOPS. A.A., Ventura College; B.A., University of
California, Santa Barbara; M.A., California State
University, Northridge
Frick, Carole A., Professor (1980)
Special Education. B.A., Sonoma State College; M.A.,
California Lutheran College
Fuentes, Victor O., Professor (1989)
Electronic Assembly
Guerrero, M. Carmen, Professor (1992)
Business Management/Marketing. A.A., Moorpark
College; B.S., M.S., La Verne University
Guevara, Gloria Y., Associate Professor (2001)
Political Science. B.A., University of California, San
Diego; M.A., University of Southern California, Los
Angeles; M.A., California State University, Northridge
Hall, Steven C., Dean (1996)
Mathematics, Science, Health, and Fine and Performing
Arts. B.A., M.S., San Diego State University; Ed.D.,
Pepperdine 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, Counselor (1975)
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
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
**Karkos, Kimberly A., Director/Coordinator
(2002)**
Child Development Center. B.A., University of
Connecticut; M.A., St. Joseph College
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
Ledesma-Reese, Lydia, President (2002)
A.A., Saddleback Community College; B.A., M.A.,
California State University, Fullerton; Ed.D.,
Pepperdine 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

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

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

Orozco, Andres, Associate Professor (2001)

Television. B.A., M.A., University of Utah

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

Ramirez, Joe, Dean (2001)

Student Services. A.A., Moorpark College; B.A., University of California, Santa Barbara; M.Ed., Harvard Graduate School of Education

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

Rivera, Everardo G., Counselor (2003)

CalWORKS. A.A., Oxnard College; B.S., University of California, Los Angeles; M.S., California Lutheran University

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

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., Executive Vice President (2001)

Student Learning. 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

Shearer, Cheryl, Dean (1976-95, 2001)

Business, Technology, Public Services, and Health Occupations. B.A., M.A., California State University, Chico

Shilley, William L., Professor (1990)

Addictive Disorders Studies. B.A., M.A., St. Thomas College

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. A.A., Oxnard College; B.A., California Lutheran University; M.S., California State University, Los Angeles

Toles, Liesel, R., Specialist (2000)

Learning Disabilities. B.A., M.Ed. (in progress), University of California, Santa Barbara

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

Brinkman, Gary

Counselor

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

Garza, Marta C.

Spanish

Higby, John N.

Fire Technology Coordinator

Hughes, Patrick R.

Philosophy/Psychology

Hoyt, Raymond L.

Sign Language

Jackson, Ronald (Deceased)

Counselor

Jarvaise, James

Art

Jones, Desmond

Political Science/Economics

Keaster, Shirley

Student Health Services Coordinator

Kueler, Glenn B.

Business

Lawson, Clara

Early Childhood Education

Lawson, William H.

Dean of Continuing Education

Marziani, Alex

Counselor

Moses, Jesse D. (Deceased)

Dean of Continuing Education/Outreach

Ramirez, Gilbert

Counselor

Rapose, Joel E.

Automotive Technology

Reynolds, Robert

Speech

Rios, Daniel

Vocational Education/Technology

Robings, Edward W.

President

Robinson, Leroy

Television/Multimedia

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

Classified Staff

Acosta, Reinaldo (2001)
Library Technician

Alexander, Michael C. (2001)
Computer Maintenance Technician

Allen, Sandra D. (1979)
Instructional Lab Technician/Learning Center

Allen, Veronica A. (2001)
Disabled Student Services Technician

Amaro, Ruby M. (2000)
Accounting Clerk I

Avina-Carlton, Veronica (1998)
Student Services Assistant II/Bilingual

Ayala, Adrian (2000)
Student Health Center Assistant

Balderrama, Robert S. (1982)
Instructional Lab Technician/Automotive

Barry, Lynda D. (1999)
Administrative Assistant II

Bittinger, Constance C. (2002)
Administrative Assistant I

Brent, Susan (1999)
Registrar

Brenner, Gina M. (1986)
Bookstore Operations Assistant

Brescia, Jorge (1999)
Physical Education/Athletic Equipment Manager

Bryan, Guy N. (1983)
Grounds Maintenance Worker

Callaway, Linda C. (1998)
Student Services Assistant II

Campos, Consuelo C. (2001)
Clerical Assistant II

Carabajal, Joe B. (1998)
Instructional Lab Technician/
Hotel and Restaurant Management

Castaneda Jr, Agustin C. (1984)
Publications/Bookstore Assistant

Cayanan, Denise S. (2002)
Placement Project Specialist

Cervantes, Gloria G. (1998)
Clerical Assistant I

Cervantes, Maria R. (1995)
Financial Aid Specialist/Bilingual

Christophers, Judy (2003)
Admissions and Records Technician/Bilingual

Clark, Sally A. (2000)
Food Services Assistant I

Cline, Kathy S. (2002)
Financial Aid Specialist

Cochran, Barbara S. (1999)
Administrative Assistant II

Cogert, Barbara H. (1998)
Special Projects Assistant

Cooney, John E. (2001)
Financial Aid Technical Support Specialist

Cornelio, Jose L. (2000)
Tutorial Services Specialist/Bilingual

Corpuz, Eliza U. (2001)
Clerical Assistant I/Fire Academy

Cortez, Jeannette A. (1987)
Counselor Assistant

Cronin, Debra L. (1999)
Computer Specialist

Cuevas, Maria A. (1999)
Child Development Assistant

Culotta, Harry (1998)
Director/Business Manager

Dagum, Jesus V. (1997)
Custodian

De la Torre, Teresa (1998)
Child Development Associate/Bilingual

Deits, Will (2002)
Director, Maintenance and Operations

Dibble, Marcia M. (1985)
College Trainer

Donaldson, David (2003)
Special Projects Assistant

Driscoll, Sandra (2003)
Administrative Assistant I

Fielding, Paul D. (2002)
Fire Academy Equipment Technician

Figueroa, Marisol (1999)
Child Development Assistant

Fintel, Linda M. (1979)
Child Development Associate

Flowers, Debra R. (2001)
Foster Care Project Specialist

Fredette, Terrence N. (2000)
Custodian

Gage, Patricia (1985)
Financial Aid Supervisor

Galicia, Blanca M. (2000)
Child Development Assistant

Gardner, David A. (1996)
Grounds Equipment Operator/Mechanic

Garnica, Catherine L. (1993)
Public Relations and Marketing Specialist

George, Loni J. (1999)
Clerical Assistant I

Gonzalez, Marisa C. (2001)
Clerical Assistant I/Bilingual

Goyeneche, Jack F. (1999)
Custodian

Gregg, Nancy V. (2001)
Resource Development Coordinator/Trainer

Guizar, Maricruz (2001)
Food Services Assistant II

Haro, Lucy A. (2002)
Placement Project Specialist/HACU

Hartman, Dora H. (2002)
Administrative Assistant II/Bilingual

Hernandez, Angela R. (2002)
Clerical Assistant I (Seasonal)

Hiben, Jeffrey J. (1999)
Instructional Assistant/Technology

Hough, Betty (2003)
Administrative Assistant IV

Kleiner, Judith L. (1995)
Clerical Assistant I

La Coste, Randolph (1998)
Bookstore Stock Assistant

La Paglia, Richard (2003)
Student Services Specialist/International Students

Lashkari, Masoomah (2001)
Accounting Technician I

Lee, Valerie E. (2000)
Human Resources Assistant

Lewis, Frances (1999)
Administrative Assistant II

Lopez, Victor R. (2001)
Grounds Maintenance Worker

Mariscal, Antonio C. (1987)
Grounds Maintenance Worker

Marletti, Dennis L. (2001)
Placement Project Specialist

Matzenger, George T. (2000)
Custodian

Mendoza, Bertha (1999)
Child Development Assistant

Meraz, Olivia (2001)
Administrative Aide II

Merrett, Thava N. (2000)
Administrative Assistant I

Merrill, Katharine B. (1986)
Television/Radio Production Specialist

Morales, Violet J. (1998)
Admission and Records Assistant II(Seasonal)

Moses, Stephanie G. (2000)
Bookstore Cashier

Nava, Elizabeth U. (1977)
Administrative Assistant II/Bilingual

Nikirk, Connie (2001)
Administrative Assistant II

Oliveros, Adolfinia (1999)
Child Development Assistant/Bilingual

Orense, Julian (1996)
Custodial Supervisor II

Ostrander, John A. (1998)
Electrician

Owens, Connie L. (1999)
Community Development and
Institutional Advancement Specialist

Pack, Sandra L. (1989)
Executive Assistant to the President/Confidential

Padilla, Denise J. (2001)
Student Services Assistant II

Padron-Garcia, Gloria (2003)
Clerical Assistant I/Bilingual

Paez, Lucila R. (1999)
Student Services Assistant I/Bilingual

Partee, Barbara A. (1998)
Student Services Assistant II

Pena, Zenaída A. (2000)
Clerical Assistant I

Pepe-Williams, Elaine J. (1998)
Child Development Associate

Perez, Maria C. (1995)
Instructional Assistant/Multi-Clerical/Bilingual

Piol-Ortiz, Olivia C. (2000)
Child Development Associate

Raguini, Hilario A. (2000)
Custodian

Ramirez, Candy (1985)
Communications Assistant

Reyna, Daniel E. (1993)
Instructional Lab Technician II/Sciences

Rhodes, Della J. (1992)
Campus Payroll/Personnel Assistant

Rivera, Jim A. (1989)
Custodian

Robison, Danny J. (1980)
Warehouse Operator II

Sachs, Ila M. (2001)
Counselor Assistant/DSS/Interpreter

Sasaki, Tina G. (1998)
Administrative Assistant II

Sotelo, Manuel M. (1997)
Custodian

Soto, Melvin (1997)
HVAC and R Technician

Spencer, Kathlynn E. (1990)
Administrative Assistant II

Starr, Sharon (1990)
Admission and Records Technician

Straka, Janice M. (1997)
Instructional Lab Technician II/Sciences

Strom, Marianne (2000)
Administrative Assistant III

Sweetland, Alice J. (1995)
Grounds Maintenance Worker

Talbert, Richard L. (1994)
Custodian

Talili, Reginald T. (1998)
Career Resources Specialist I

Talmage, Dickie J. (2000)
Business Office Assistant I

Tannehill, Caroline (2003)
Administrative Assistant II

Taylor-Parr, Mary (1991)
Learning Disabilities Technician

Torres, Felicia X. (1999)
Student Services Assistant I/Bilingual

Torres, Liwayway (1993)
Food Services Supervisor

Torres, Vanessa M. (2002)
Child Development Assistant

Trout, David (2003)
Grounds Maintenance Worker

Ullom, Bernice C. (2002)
Admission and Records Assistant I (Seasonal)

Vega, Juana (2003)
Career Resources Specialist I/Bilingual

Vera, Sonia Y. (1999)
Bookstore Cashier (Seasonal)

Villegas, Al (1993)
Maintenance Supervisor

Wasef, Rosalie G. (1987)
Child Development Associate

Wiley, Danielle J. (1999)
Dental Hygiene Administrative Assistant

Williams, Sherry O. (1982)
Media Services Specialist I

Williams, Suzette R. (1994)
Matriculation Specialist I

Willis, Geoff A. (2001)
Computer/Communications Technician

Wilson, Brenda K. (2000)
Accounting Technician I

Wilson, Colleen M. (1999)
Library Assistant

Zavala, Monica R. (1992)
Instructional Data Specialist

Ziegler, Cherri L. (1975)
Instructional Lab Technician I/Office Technology



Santa Paula Union High School took first place at the 14th Annual "Geography Bowl" held at Oxnard College.

photo by Cathy Garnica



*Oxnard College
2003 Graduation*

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OC's Men's Baseball.

photo by Cathy Garnica

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2003 - 2004

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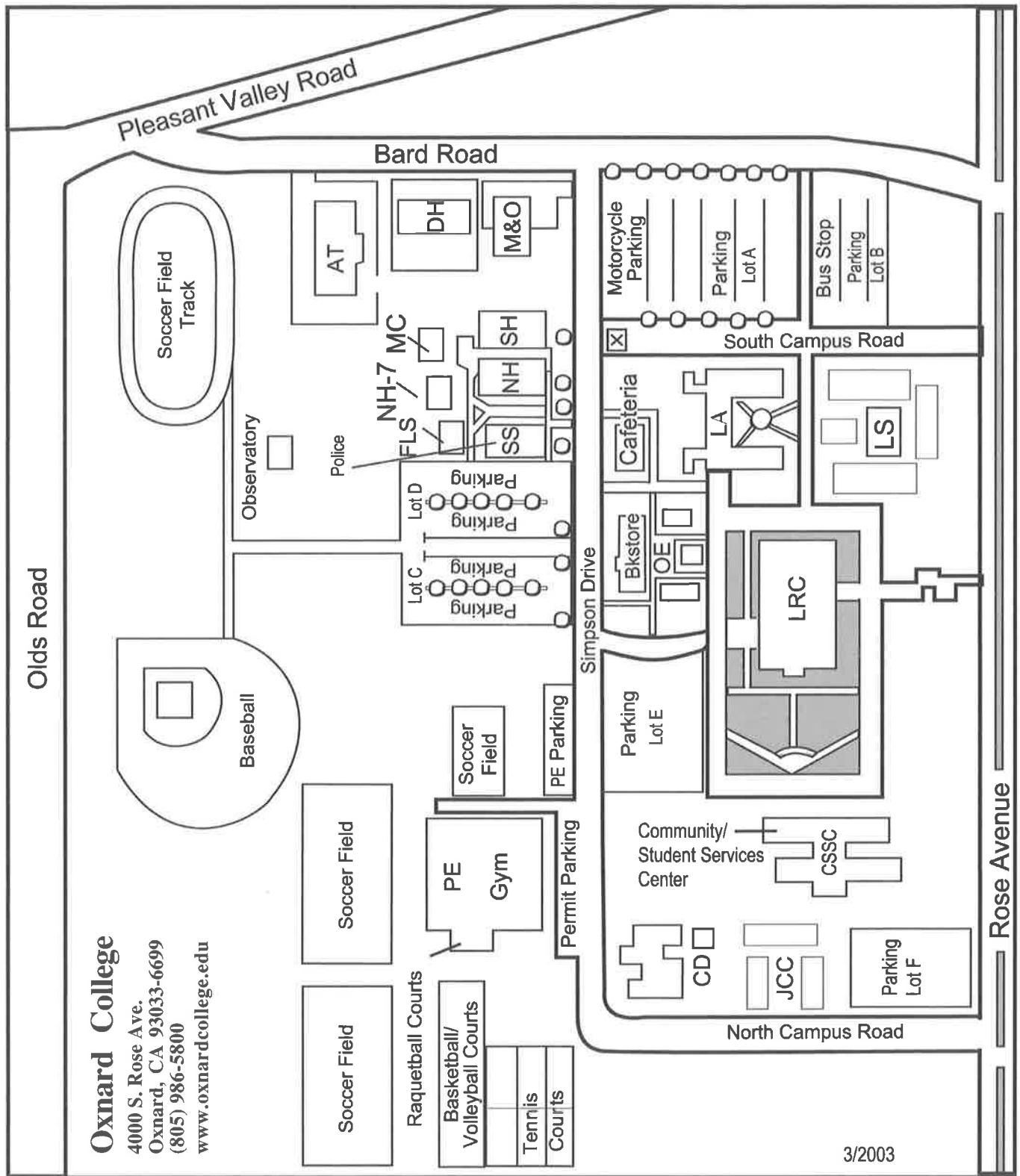
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