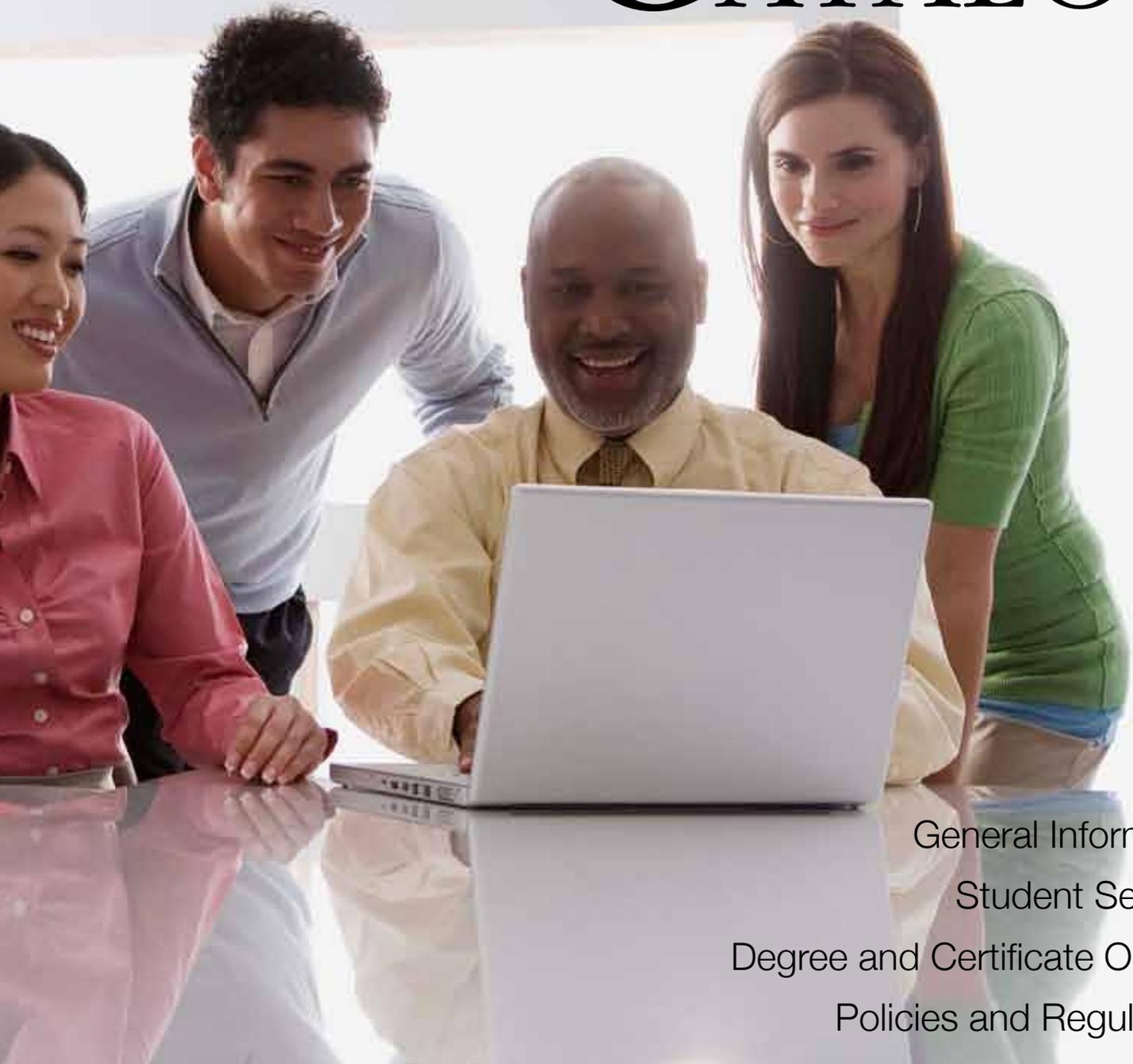


# 2010-2011 CATALOG



General Information  
Student Services  
Degree and Certificate Options  
Policies and Regulations



TOMORROW'S COLLEGE TODAY.™



(714) 546-7600  
[www.coastline.edu](http://www.coastline.edu)

## Academic Calendar

FALL 2010

August 29..... Residency Determination Date  
 August 30..... Regular Classes Begin (16- and 8-week Classes)  
 September 6 ..... Labor Day (College Closed/No Classes)  
 October 25 ..... Second 8-week Classes Begin  
 November 11 ..... Veteran’s Day (College Closed/No Classes)  
 November 25-28..... Thanksgiving Break (College Closed/No Classes)  
 November 15 ..... Filing Deadline for Fall Graduation  
 December 19 ..... Last Day of Fall Semester  
 December 20, 2010 - January 3, 2011..... Winter Break (College Closed/No Classes)

SPRING 2011

January 30 ..... Residency Determination Date  
 January 30 ..... Regular Classes Begin (16- and 8-week Classes)  
 February 18-20..... Lincoln’s Birthday (College Closed/No Classes)  
 February 21 ..... Washington’s Birthday (College Closed/No Classes)  
 March 28 - April 3 ..... Spring Recess (College Closed/No Classes)  
 April 4..... Second 8-week Classes Begin  
 April 11..... Filing Deadline for Spring Graduation  
 May 29 ..... Last Day of Spring Semester

**NOTE:** *If a holiday falls on a Friday, then Saturday and Sunday classes will not meet.  
 If a holiday falls on a Monday, then Saturday and Sunday classes will meet.*



Dear Coastline Students:

Greetings and welcome to Coastline Community College. I am delighted that you have selected Coastline to help you fulfill your educational goals. Our student-centered team of faculty, staff, and administrators look forward to connecting with you and assisting you in mapping out an educational plan that promotes success, and is tailored to your unique needs and life circumstances.

We know that you have many choices when it comes to colleges, and we appreciate that you have chosen to attend Coastline. You have made an excellent choice. Our comprehensive array of programs and services are innovative and responsive to the needs of diverse students. As a unique institution with learning centers in Garden Grove, Costa Mesa and Westminster (and soon in Newport Beach), we are able to provide personalized attention to your needs as students—in terms of your academic and personal development, as well as in your exploration of and preparation for careers. We have extensive partnerships locally, nationally, and globally, including with business leaders and industry experts to ensure that what you learn today will be relevant and marketable in the future.

I encourage you to participate actively in our college events and activities, including leadership opportunities and student-led events sponsored by the Associated Student Government. Become engaged and connect with the many programs and services that we offer to help you succeed, and please do not hesitate to ask for help or call with a question. We welcome your suggestions for any improvement we can make to our classes, programs, and practices.

It is our goal to provide you with the best educational experience while you are here, and to facilitate your success. Best wishes for a wonderful academic year.

Sincerely,

Loretta P. Adrian, Ph. D., President

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**Changes.** This publication is prepared well in advance of the time period it covers; therefore, some program changes may occur. Courses as described are subject to change without notice, and some listed courses may not be offered each year. In addition, some courses or programs offered may be canceled due to insufficient enrollment, elimination or reduction in programs, or for any other reason considered sufficient by the college president or designee. Any questions about courses or programs listed in this catalog should be directed to the Counseling office.

COASTLINE  
COMMUNITY COLLEGE

WALTER E.  
MARTIN





**Choose Community College.** Community College is one of the biggest bargains in higher education, saving students thousands of dollars a year in tuition while offering the same quality courses and caring, knowledgeable instructors as four-year colleges or universities. That's why community colleges throughout the country attract and enroll nearly 12 million students each year. There are more than 1100 community colleges throughout the United States tailored to the needs of busy individuals. Campuses are located near students' homes and offices, and courses are offered in evenings, on weekends, and in condensed formats making education even more accessible. This flexibility, combined with the affordable nature of a community college, is what has made the dream of a college degree a realistic goal for so many people.

**Choose Coastline.** Imagine classes that come to you. When you're on the go, this can be more important than ever. Coastline Community College, founded in 1976, has long been known as a "college without walls." As one of the nation's most innovative institutions, Coastline brings classes to you with advanced distance learning options as well as neighborhood campuses located right in your own backyard. In addition, Coastline offers numerous options for degrees and certificates in several popular fields. These programs are in demand by employers, and Coastline faculty and staff work hand-in-hand with business and industry to tailor these programs to apply to today's working world.

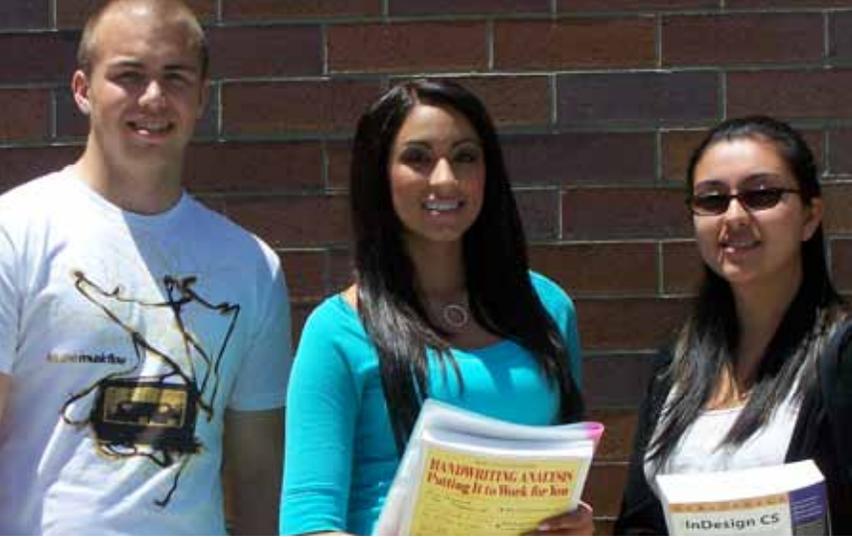
Coastline offers you a small-college feel with big-college benefits. Whether you're looking to obtain a degree or certificate, or just looking to take classes for fun or recreation, you'll find that Coastline is your most accessible, flexible, and affordable option.

**Our Mission.** Coastline Community College is committed to academic excellence by providing accessible, flexible, quality education to students within and beyond the traditional classroom.

Coastline Community College fulfills its mission by providing:

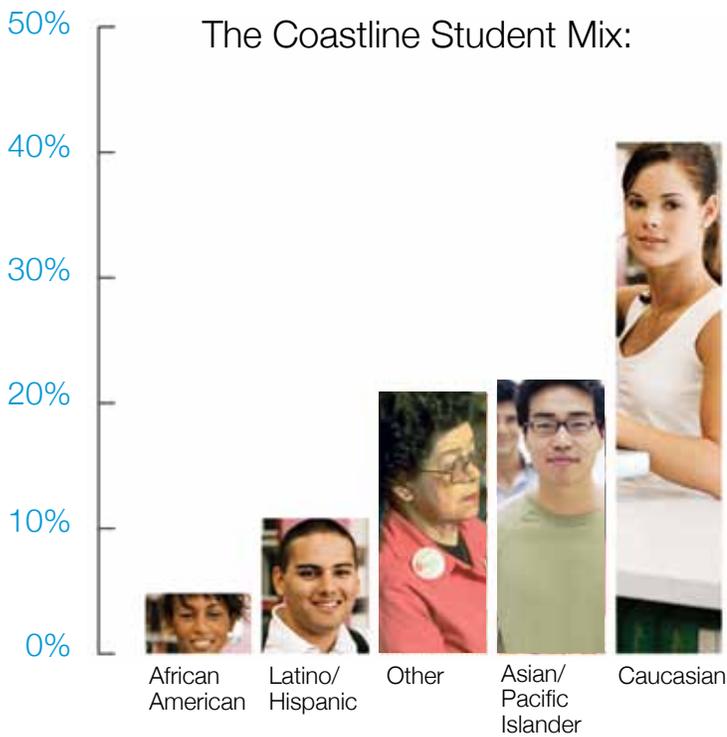
- High-quality instructional programs, services, and entrepreneurial activities that meet the education, economic, and social needs of diverse students from local and global populations;
- General education and transfer courses for a comprehensive Associate in Arts degree plus career and technical courses for occupational certificates;
- Learner-centered strategies supported by a full range of technology-mediated instruction for site-based and distance learning classes;
- A systematic assessment of student outcomes at the course, program, and institutional levels;
- Courses and activities relevant to global responsibilities;
- An organizational culture that encourages and supports continuous learning and professional development;
- A collegial decision-making process that reflects respect for broad collaboration based upon the philosophy of participatory governance.

*Approved by the Board of Trustees, May 3, 2006. Updated January 2010.*



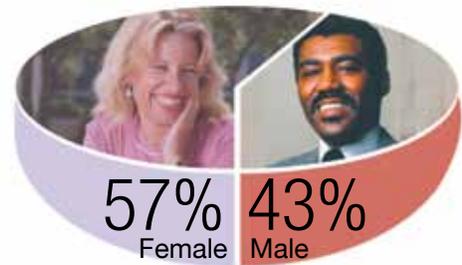
# Coastline Students.

Actors Jim Belushi, Arnold Schwarzenegger, and Dustin Hoffman, as well as Astronaut Robert "Hoot" Gibson and NAACP President Kweisi Mfume have all attended community colleges. The current Mayor of the City of Costa Mesa, Alan Mansoor, attended Coastline. Besides future-actors, scientists, and community leaders, Coastline students are fresh-out-of-high-school teens working on their GE credits, working adults getting their degree or certificate for career advancement, retired individuals taking classes for personal growth, moms, dads, sisters, brothers, and friends. They're just like you, and they've discovered the value in attending a community college!



More quick facts about Coastline students:

- English is a second language for 16% of Coastline students.
- 56% of students work full time, including 22% of the full-time students.
- 38% of students plan to go on to attain a BA or BS.
- 15% are first-time students.
- 23% are transfers from another college.
- 45% are continuing students.
- 16% are returning students.





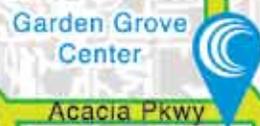
**Accreditation Review.** Coastline is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges, an institutional accrediting body recognized by the Commission on Recognition of Postsecondary Accreditation and the U.S. Department of Education.



**Programs.** Coastline offers the following degrees and program options, both onsite and through distance learning formats:

- courses leading to the associate in arts (A.A.) degree
- lower-division coursework that will transfer to a four-year college or university
- state-approved occupational certificates in technical and career programs and certificates of completion in several additional occupational areas
- courses and resources to help students improve levels of basic reading, writing and computation, including courses for non-English speakers to become proficient in English.
- courses contributing to personal enrichment and acquisition of life skills and programs for adults with acquired brain injuries and learning disabilities.

In addition, Coastline offers contract education and training services to businesses in the Orange County area and to the U.S. military and other organizations worldwide as part of the economic development function assigned to community colleges by the state of California. Such services, which are fee-based, include basic workforce training programs, high-level computer skills training, and credit courses and degrees.



**GARDEN GROVE**



**LEGEND**

- Coastline Sites
- Bike Paths
- Highway
- Freeway
- Street
- Campus Routes
- Bus Line

**Coastline Art Gallery**  
 10156 Adams Ave  
 Huntington Beach, CA 92646  
 1 (714) 963-8475

**College Center**  
 11460 Warner Ave  
 Fountain Valley, CA 92708  
 1 (714) 546-7600

**Costa Mesa Center**  
 2990 Mesa Verde Dr E  
 Costa Mesa, CA 92626  
 1 (714) 241-6213

**Garden Grove Center**  
 12901 Euclid St  
 Garden Grove, CA 92840  
 1 (714) 241-6209

**Le-Jao Center**  
 14120 All American Way  
 Westminster, CA 92683  
 1 (714) 241-6184

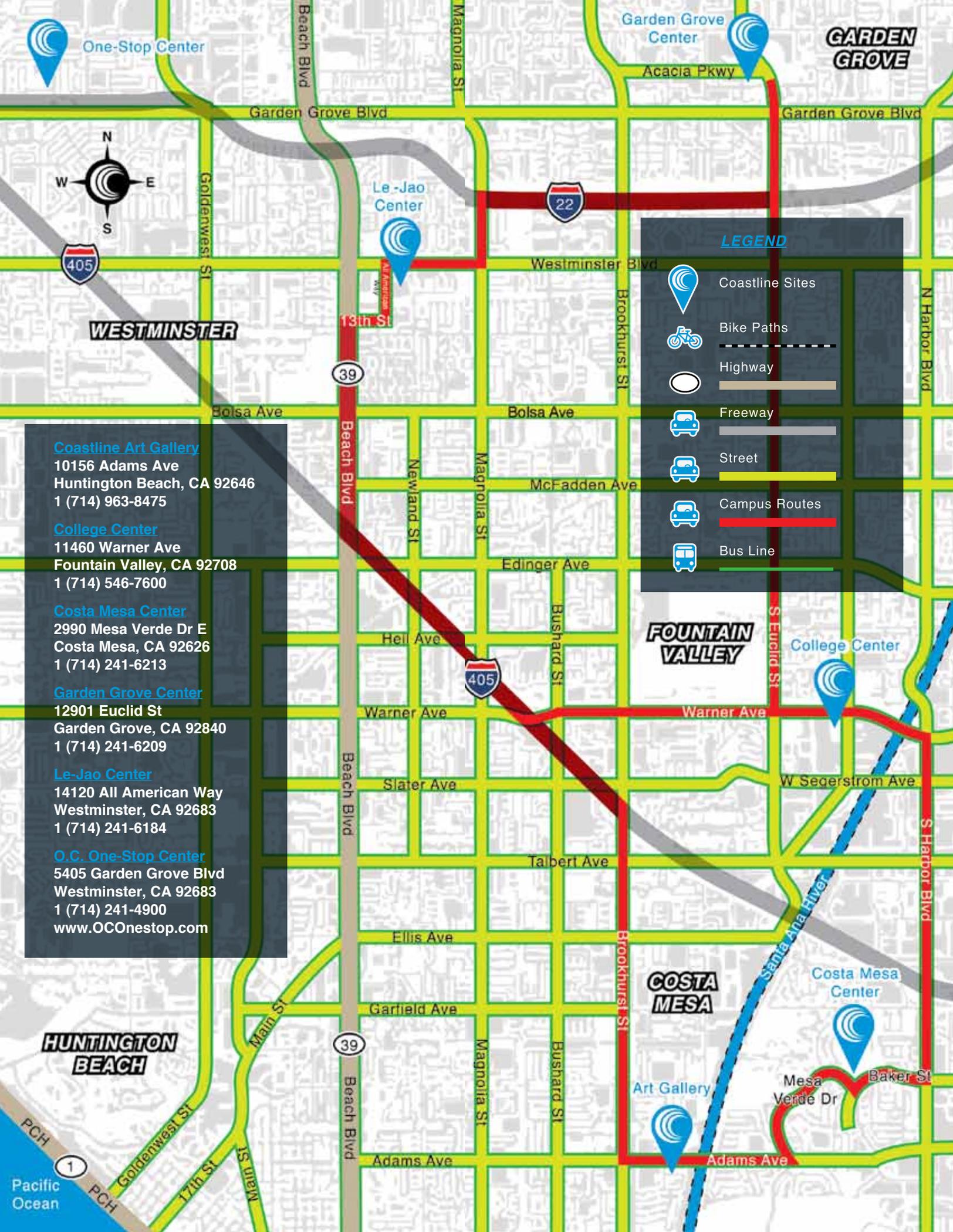
**O.C. One-Stop Center**  
 5405 Garden Grove Blvd  
 Westminster, CA 92683  
 1 (714) 241-4900  
 www.OCONestop.com

**HUNTINGTON BEACH**

**FOUNTAIN VALLEY**

**COSTA MESA**

Pacific Ocean





**Campus Locations.** Coastline has many. From the very beginning, the college was located in the community, with classrooms in shopping malls, banks, churches, and neighborhood community centers. Today, the college has three main sites: the Le-Jao Center in Westminster, the Garden Grove Center, and the Costa Mesa Center. The administration building is located in Fountain Valley. Here, you'll find the Admissions Office, the Bookstore, Financial Aid and EOPS, and the Office of the President.





## Contact us

If you have a question, there are many ways to reach us. Call us at the numbers listed below, or visit our web site to connect with us via e-mail or by using our "Ask Me" online question submission. We look forward to serving you in person, online, or over the phone.

## E-mail address?

The common format for college e-mail addresses is: [FIRST INITIAL][LAST NAME]@coastline.edu

If you have trouble sending e-mails to any members of our faculty or staff, please call the switchboard at (714) 546-7600 to confirm their correct e-mail addresses.

## We're social!

Coastline has a presence on most social networking sites. Be sure to add as a "friend" or a connection to keep up with all the latest happenings and to connect with your classmates and instructors!

[www.twitter.com/myccc](http://www.twitter.com/myccc)

[www.facebook.com/coastlinecommunitycollege](http://www.facebook.com/coastlinecommunitycollege)

[www.myspace.com/coastlinecommunitycollege](http://www.myspace.com/coastlinecommunitycollege)

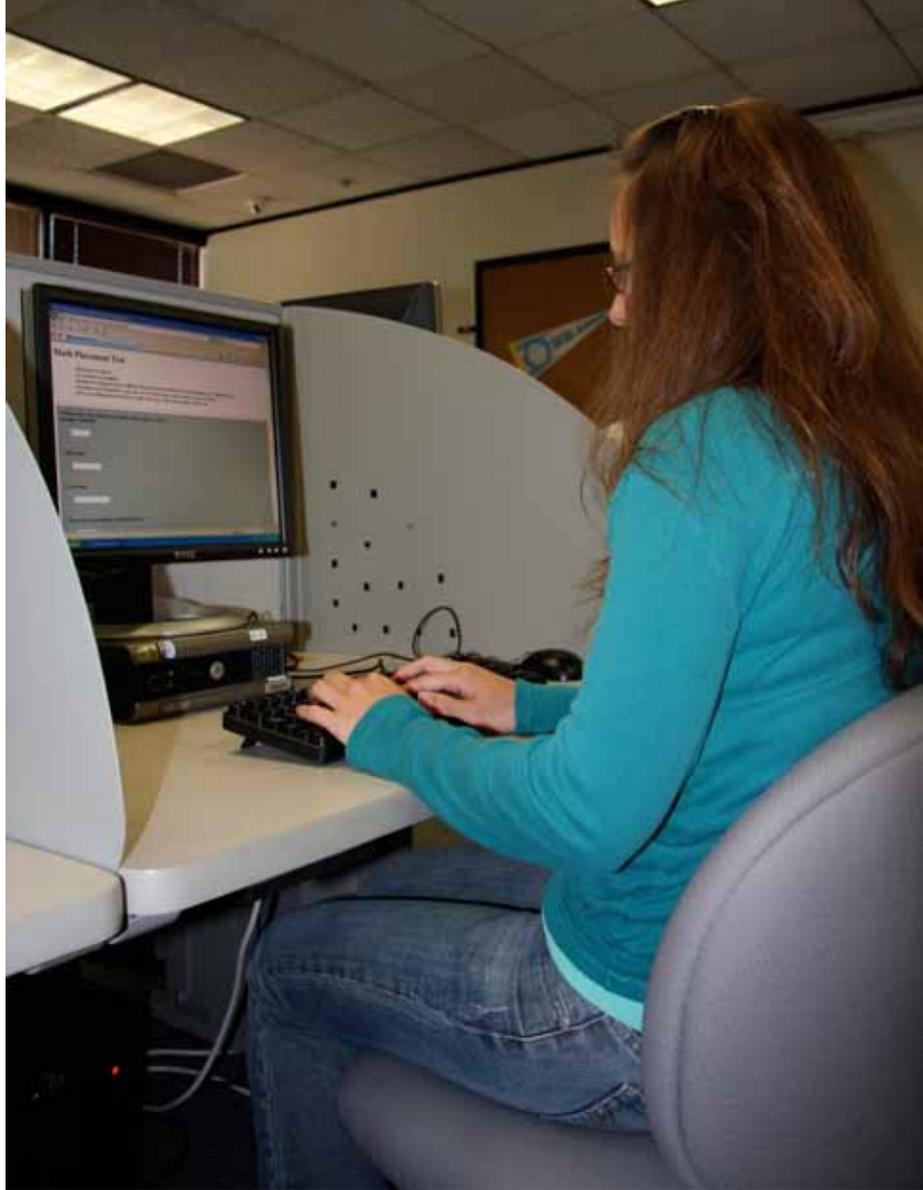
## Phone Numbers:

Admissions and Records .....	1 (714) 241-6176
Assessment Center .....	1 (714) 241-6285
Bookstore .....	1 (714) 241-6101
CalWORKs .....	1 (714) 546-7600, ext. 16587
Career Services .....	1 (714) 241-4924
Corporate/Workforce Contract Education.....	1 (714) 241-6161
Counseling Information and Appointments .....	1 (714) 241-6162
College Center .....	1 (714) 241-6162
Costa Mesa Center .....	1 (714) 241-6213, ext. 17278
Garden Grove Center .....	1 (714) 241-1671
Le-Jao Center .....	1 (714) 241-6184, ext. 17424
Developmental Education (English/Math).....	1 (714) 241-6285
Distance Learning (Cablecast, CD-ROM, Independent Study, Internet, or Telecourses)1	(714) 241-6216
English as a Second Language (ESL) Institute .....	1 (714) 241-6184, ext. 17409
Extended Opportunity Programs & Services (EOPS) .....	1 (714) 241-6237
Financial Aid .....	1 (714) 241-6239
Learning Centers College Center, Fountain Valley.....	1 (714) 546-7600
or TTY .....	1 (714) 241-6283
Costa Mesa Center .....	1 (714) 241-6213
or TTY .....	1 (714) 435-8011
Garden Grove Center .....	1 (714) 241-6209
or TTY .....	1 (714) 530-8439
Le-Jao Center .....	1 (714) 241-6184
or TTY .....	1 (714) 896-0810
Legal Clinic .....	1 (714) 241-6298
Library (Virtual).....	1 (714) 241-6117
Matriculation .....	1 (714) 241-6162
Media Relations & Marketing .....	1 (714) 241-6186
Military Educational Services.....	1 (714) 241-6326
	or toll-free (866) 422-2645
Orange County One-Stop Center .....	1 (714) 241-4900
Public Safety .....	1 (714) 546-7600, ext. 16360
Scholarships.....	1 (714) 546-7600, ext. 16554
Special Programs & Services for the Disabled (DSPS) .....	1 (714) 241-6214
or TTY.....	1 (714) 751-2072
Student Advisory Council (SAC).....	1 (714) 241-6253
Student Success Center (Le-Jao Center).....	1 (714) 241-6184, ext. 17420
Study Abroad Program.....	1 (714) 241-6215
Transfer Center .....	1 (714) 241-6171
Veterans Assistance .....	1 (714) 241-6325
Weekend College .....	1 (714) 241-6213, ext. 17202
Work-based Learning .....	1 (714) 241-6209, ext. 17318
Workforce Investment Act (WIA) .....	1 (714) 241-4900

**Assessment.** Assessment for entry placement in English and mathematics is expected of all first-time students, except for those students who have completed required English and mathematics skill courses. New students who have earned an associate degree or higher from an accredited institution are not required to take the assessment tests if they have fulfilled the prerequisite for the course for which they are trying to enroll. All students who plan to enroll in English and/or mathematics courses are expected to complete the assessment tests.

Students are strongly encouraged to complete the no-cost, assessment tests early in their program since the scores are used for advisory purposes during counseling sessions. Testing dates and times are available through the Counseling office the English as a Second Language (ESL) Institute, and the Assessment Center.

Assessment results are available immediately after completing the tests. Assessed students are directed to speak with a counselor or faculty advisor to determine course placements which are based upon multiple measures. Multiple assessment measures for entry placement decisions may include, but are not limited to, the following factors: assessment test results, goal definition, motivation, academic status, self-assessment or study skills. For information about the assessment process, please call the Assessment Center at 1 (714) 241-6285.

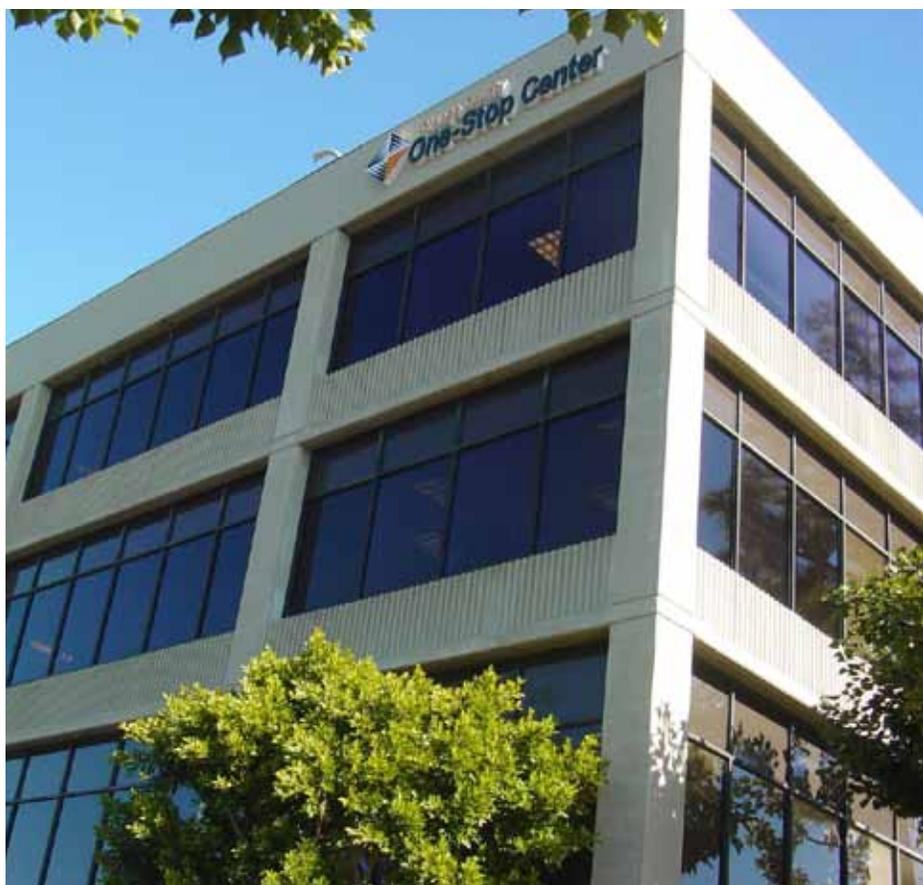


**Job Centers.** Coastline is the managing partner of the Orange County Workforce Investment Board's **One-Stop Centers** and Business Service Centers. The One-Stop Centers provide adult and youth job search activities, employment resources, career assessment, counseling and vocational training opportunities. The Business Services Centers provide an employer resource library, labor market information, business downsizing or closure assistance, job listing service and applicant referrals.

**Orange County One-Stop and Business Service Centers are located at:**

- 5405 Garden Grove Blvd., Suite 100  
Westminster, CA 92683  
1 (714) 241-4900
- 125 Technology Drive, Suite 200  
Irvine, CA 92618  
1 (949) 341-8000

*The Orange County One-Stop Center, supported by the County of Orange and the Orange County Workforce Investment Board, is an equal opportunity employer/program. Auxiliary aids and services are available upon request to individuals with disabilities. Requests for services, aids, and/or alternate formats need to be made prior to the event by calling California Relay Service TTD/TTY 1-800-735-2922 or 711.*





**Financial Aid.** Financial aid programs attempt to fill the gap that may exist between the cost of education at Coastline and the money available to students from family, employment, savings and other resources. State and federal programs for eligible students include: fee waivers, grants, loans and work study opportunities. Coastline participates in the following programs: Pell Grant, SEOG (Supplemental Equal Opportunity Grant), Federal Workstudy, Perkins Loan, Direct Loans (Subsidized and Unsubsidized), Plus Loan and the California Board of Governors' Fee Waivers. All recipients of financial aid must be in good academic standing, be participating in required class activities, be working toward a degree or certificate, have a high school diploma, GED or pass an "ability to benefit" test, be a U.S. citizen or eligible noncitizen, have a valid Social Security number, and have financial need as determined by the Free Application for Federal Student Aid (FAFSA).

**Useful Telephone Numbers and Web Sites:**

- General information about federal aid: 1 (800) 4-FED-AID or 1 (800) 433-3243
- TTY number for hearing-impaired individuals to call with any federal student aid questions: 1 (800) 730-8913
- Federal Student Aid Home Page: <http://www.ed.gov/studentaid>
- General information about financial aid and educational planning: <http://www.mapping-your-future.org> or <http://www.edwise.org>
- Financial Aid Information Page (includes link to Scholarships): <http://www.icanaffordcollege.com>

Coastline has many unique learning opportunities and programs such as: Access, Distance Learning, and STAR. Students in these programs are eligible for aid. Students not living or attending classes in the Orange County area may still qualify for financial aid. Brochures, guidebooks, and policies relevant to financial aid are available in the Financial Aid office at the College Center. Call 1 (714) 241-6239 for more details, e-mail [financialaid@coastline.edu](mailto:financialaid@coastline.edu) or go to: [www.coastline.edu](http://www.coastline.edu)

**Scholarships.** Scholarships are made available through the generous donations of Coastline Community College's Foundation, Student Advisory Council (SAC), faculty, staff, businesses, community organizations, and private individuals. Scholarship recipients are selected by the Scholarship Awards Committee. Members include administrators, classified staff, faculty, students, and a College Foundation board member.

Factors for selection can include academic achievement, service and leadership, college and community involvement, and/or financial need. Applicants are required to submit a Scholarship Application and must be enrolled

at Coastline in the fall and/or spring semester during the year in which they apply.

Applications are available during the fall and spring semesters and may be obtained from the College Center, the main learning centers, and online. The annual deadline is mid-March. The awards are presented during the Spring Semester at the annual awards reception.

For information about the program criteria and awards available, visit the Coastline Web site at: [www.coastline.edu](http://www.coastline.edu), alpha index, "Scholarships".

**EOPS.** *Extended Opportunity Programs and Services (EOPS).* The EOPS Program at Coastline began in 1977. This is a state-funded program that provides an “umbrella” of services to qualified students of the college who are enrolled in a program that leads to a degree, certificate, or transfer.

Eligible students must be state residents for tuition purposes, and qualify for the Board of Governor’s Fee Waiver program under one of the following ways:

Qualify for BOGW/A – currently a recipient and receiving one of the following:

- TANF or CalWORKs (formerly AFDC) or
- Supplemental Security Income (SSI) or State Supplemental Program (SSP) or
- General Assistance (GA)

Qualify for BOGW/B -- total family income for 2008 is:

- EFC = “0” on FAFSA or
- Professional Judgment (unique circumstances may justify special review to be made by Financial Aids Office)

Income standards below the following:

Family Size	2009 Income
1	\$16,245
2	\$21,855
3	\$26,465
4	\$33,075
5	\$38,685
Each additional family member	\$ 5,610

Additionally, students must meet one of the following areas for educational disadvantage:

- Test Scores for placement at Math 010 or lower and/or English level at Fundamentals of Composition (099) or Freshman Composition (English 100) or lower.
- Non-high school graduate or did not pass CAHSEE, GED, or Proficiency Certificate
- Low high school grades (below 2.5 GPA )
- Remedial courses – enrolled in non-grade-level courses in high school or college
- Special Admittance (four factors approved by State Chancellor’s Office)

EOPS reserves the right to limit new students applying to the program to those students who have completed fewer than 40 units at the time of application from all regionally accredited colleges or universities attended. Students must be full-time (12 units during fall or spring; 6 units during the summer). Most students are expected to continue as full-time during their time as EOPS, though exceptions can be made. The law limits EOPS students to be served a maximum of 6.0 semesters (continuous enrollment) not to exceed 70.0 degree-applicable units. Thirty (30) units of non-degree applicable courses will be excluded from this calculation. The program accepts eligible students based on priority criteria established in law for EOPS.



The Program routinely develops new services and provides activities to support student retention, transition, and transfer. Currently the EOPS “over-and-above” services include: counseling and advisement, outreach and recruitment to local agencies, high schools, and community organizations, emergency loans, books, special workshops and events, new student orientation, priority registration assistance and more. Services are limited to resources and funding for 2010-11. Call the EOPS Program at (714) 241-6237 for more information.



**Counseling.** Counseling provides opportunities for people to learn life and career planning skills necessary to develop and achieve educational and personal goals. Counselors are available at the College Center, Costa Mesa Center, Garden Grove Center and Le-Jao Center throughout the semester to provide personal, vocational, educational and transfer counseling. Limited walk-in/resource counseling for short questions is also available. Advising is also available online at <http://www.coastline.edu/departments/counseling/page.cfm?LinkID=355>. Call 1 (714) 241-6162 to schedule an appointment. Academic counseling for military students is available by e-mailing [militarycounselor@coastline.edu](mailto:militarycounselor@coastline.edu) or by calling toll free (866) 422-2645.

### Consejería

Consejería ofrecer oportunidades para que individuos aprendan las habilidades que se necesitan para la vida diaria y el planeamiento de carreras y así puedan desarrollar conocimientos y alcanzar sus metas educacionales y personales. Tenemos consejeros disponibles en las oficinas centrales del Colegio, el Centro de Costa Mesa, el Centro de Garden Grove y el Centro de Le-Jao, durante el semestre ofreciendo consejería personal, vocacional, educacional y de transferencia universitaria. Consejeros contestarán preguntas cortas sin cita. Llame 1 (714) 241-6162 para una cita.

### Tiếp nhận sự cố vấn

Tiếp nhận sự cố vấn sẽ mang lại cơ hội cho tất cả mọi người tìm hiểu thêm về cuộc sống và năng khiếu của bản thân mình để có thể chọn đúng con đường cho mình và đạt được thành công trên con đường học vấn cũng như mục đích cá nhân của từng người. Sinh viên có thể gặp chuyên viên cố vấn tại trung tâm chính, trung tâm Costa Mesa, trung tâm Le-Jao, và trung tâm Garden Grove Center trong suốt thời gian mùa học để tham khảo về bản thân, nghề nghiệp, học vấn và sự chuyển lên đại học. Sinh viên cũng có thể, với sự hạn chế, ghé ngang văn phòng của chuyên viên cố vấn để hỏi về những vấn đề ngắn gọn. Xin liên lạc 1 (714) 241-6162 để lán hẹn

**CARE.** *Cooperative Agencies Resources for Education (CARE).* CARE serves the unique needs of a special group of EOPS students; it is administered by the EOPS Program at the College. When these EOPS students are accepted into the CARE program they must be single, head-of-household, with at least one child 14 years of age or under, enrolled full-time and currently a recipient of CalWORKs or TANF. Students who have been sanctioned by the Department of Social Services

but whose family are still CalWORKs participants receiving cash aid still qualify for CARE. Funding for CARE is anticipated to be limited, and services may be impacted. All services are coordinated with the college and county's CalWORKs program to maximize services to this population of students. Call the EOPS/CARE Program at (714) 241-6237 for more information.



# Admissions Information.

**Application and Registration:** Students wishing to enroll at Coastline Community College must apply on-line at [coastline.edu](http://coastline.edu) on or after April 1 for summer session; June 14 for fall semester and October 1 for the spring semester. Individuals planning to obtain an associate in arts degree, a certificate of achievement or participate in a four-year college transfer program should send their high school and college transcripts to the Admissions office.

**Military personnel** wishing to enroll in the Coastline military contract education programs should do so online at <http://military.coastline.edu>.

**Eligibility:** Individuals 18 years of age or older who can profit from instruction qualify for admission. If under 18, you will qualify for admission if one of the following has been satisfied:

- Graduated from high school.
- Passed the California High School Certificate of Proficiency Test or equivalent.

**K-12 Grade Students:** In accordance with California Education Code, Section 48800, K-12 grade students may be eligible to enroll for advanced-level study in instructional areas not available at their school. The school and the college will determine who may enroll based on their judgment of the applicant's ability to profit from instruction. The college has the right and responsibility to restrict enrollment for reasons of health and safety, appropriateness of the course, preparedness of the student, space availability, college policy and state law. The student must be in good academic standing (2.0 or above) and must produce a current transcript along with the signed approval of their high school principal and parent on the "High School Release" form available in the Coastline Admissions office or at [www.coastline.edu](http://www.coastline.edu) K-10 students must have the approval of the principal, their parent, and the Dean of Counseling and Special Programs. K-10 students are required to attend high school orientation. To attend call 1(714) 241-6162.

K-12 students attending Coastline are awarded college credit for their coursework unless the school specifies, in writing to the college, that the course(s) are to be used for high school credit only.

**Non-Discrimination Statement.** It is the policy of the Coast Community College District to provide all persons with equal employment and educational opportunities regardless of race, color, sex, national origin, religion, age, handicap, marital or Vietnam-era status.

El Distrito de Coast Comunidad Colegio tiene la póliza de ofrecer a todas las personas oportunidades equalitarias de empleo y educación sin tener en cuenta raza, color, sexo, religión, origen nacional, edad, incapacidad, ó estado civil.

Đại Học Cộng Đồng Coastline chủ trương tạo cơ hội đồng đều trong việc tuyển dụng, cũng như trong công tác đào tạo dành cho mọi người thuộc bất cứ chủng tộc, sắc dân, phái tính, tín ngưỡng, nguồn gốc, tuổi tác, khuyết tật hay lành mạnh, hoặc gia cảnh nào.

Limited English-speaking students who are otherwise eligible, will not be excluded from any vocational education program.

Los estudiantes que están calificados para entrar en el programa de educación vocacional no pueden ser excluidos debido a su inglés limitado.

Sinh-viên nào với trình-độ Anh-văn kém, nếu hội đủ các điều-kiện phù hợp vào những chương-trình huấn-nghệ, vẫn được ghi danh học như thường.hư thường.

## What if I don't have a high school diploma or G.E.D.?

It is possible to complete a certificate program, an associate degree, a transfer program and/or a bachelor's degree without earning a high school diploma. Many individuals, however, may want to obtain a high school diploma or its equivalent for personal or employment reasons.

The following educational agencies may be contacted regarding obtaining the high school diploma, GED test and/or certificate of proficiency:

California State University Fullerton

1 (714) 278-2487

Garden Grove Unified School District  
(Chapman Adult Education Center)

1 (714) 663-6520

Huntington Beach Adult/Alternative School

1 (714) 842-4779

Santa Ana Centennial Education Center

1 (714) 241-5720

GED preparation is also available at Coastline's Student Success Center. Call 1 (714) 241-6184, ext. 17420 for information.

**Open enrollment policy.** It is the policy of the Coast Community College District that unless specifically exempted by statute, every course section or class, the average daily attendance of which is to be reported for state aid, wherever offered and maintained by the district, shall be fully open to enrollment and participation by any person who has been admitted to the college and who meets such prerequisites as may be established pursuant to Section 58100 of Title V.

## Assistance for students with disabilities.

Students with disabilities (e.g., mobility, communication, speech, hearing, learning, vision, acquired brain injury, developmental, psychological) are invited to request assistance from the Special Programs and Services for the Disabled office. Services include, but are not limited to: interpreting services, notetaking, registration assistance, special counseling, special materials/equipment (i.e., digital recorders, enlarged print materials, taped texts and other alternately formatted materials), test proctoring, tutoring, and vocational guidance.

Coastline also offers comprehensive programs and services for students with developmental disabilities, acquired brain injuries and seniors adult fitness.

Students with disabilities who wish to enroll in Coastline classes are invited to call upon the Special Programs office for assistance. Call 1 (714) 241-6214 for information about special classes, site accessibility or support services.



# Matriculation

## Definition

Matriculation is a state-mandated program designed to assist students in accomplishing their educational goals. It is an agreement between the college and the students.

Coastline agrees to provide an organized process of admission, orientation, assessment, counseling and student progress follow-up. The students agree to declare a specific educational objective, attend class regularly, complete assigned coursework and maintain satisfactory progress toward the achievement of their educational plan.

## Goal

The primary goal of matriculation is to increase student success through institutional effectiveness. Success is measured by the attainment of student educational objectives. Matriculation is a coordinated process designed to:

1. Assist students to make wise educational choices concerning the programs and courses to pursue based upon clear and sensitive appraisals of their skills, interests and aptitudes in relation to the programs and courses offered.
2. Enable students to complete the units they attempt with satisfactory grades and to persist from semester to semester.
3. Identify the support services that students need to succeed and refer students to college and community resources to meet those needs.
4. Strengthen student motivation to succeed through the above, and

provide frequent feedback and encouragement.

## Matriculation Activities

**Admission:** Students use CCC Apply or in-class registration to expedite the entry process.

**Assessment:** Students are evaluated for current skill levels in reading, writing and math. District-approved, no-cost testing instruments are used and feedback is provided. Various testing times are available for accessibility and convenience. Career interest inventories and other specialized testing tools are also available.

**Counseling:** Students meet with educational counselors through selected classroom visitations and personal appointments. Students learn about Coastline's educational options including transfer requirements, associate degrees, certificate programs, enrichment courses, weekend offerings and distance learning courses. Counselors help students identify their educational goals and develop curriculum plans to achieve them.

**Exemption Criteria:** All students entering Coast Community College District colleges are expected to participate fully in matriculation services. They are also expected to meet course skill level requirements and prerequisites. Students may be exempted from assessment, orientation and/or counseling on the basis of the following criteria:

1. Students who have earned an associate degree or higher from an accredited institution.
2. Students who are enrolling in six or fewer units and who are not pursuing a degree or a certificate.

Upon completion of 12 or more units, however, these students will be apprised of opportunities to participate in matriculation services.

3. Students who, in the opinion of the vice president of student services or designee, would not directly benefit from participating in orientation, assessment and/or counseling.

**Orientation:** Students obtain current materials on Coastline's programs, policies, procedures, locations and facilities through semester schedules, career and transfer planning guides, catalogs, mailings, brochures, newsletters and counselor classroom visitations. They obtain additional information on college services and activities from counselors, instructors and other staff members. New student orientations are conducted each semester online at: [www.coastline.edu](http://www.coastline.edu).

**Student Progress Follow-up:** Students excelling in their coursework are notified of honor lists and scholarships. Students encountering academic difficulties are referred to appropriate college services by counselors, instructors and staff members. Students having special needs are directed to additional follow-up resources within the College and community.

## Summary

Students who participate in matriculation have an increased potential for success. They are more motivated, knowledgeable and prepared to achieve their educational goals. All students are strongly encouraged to participate. Call the Counseling office for information at 1 (714) 241-6162.



## Matrícula

### Descripción

Matriculación es un programa que ha sido ordenado por el estado de California y está diseñado a asistir a estudiantes para que puedan lograr sus metas educacionales. Es un acuerdo entre el colegio y el estudiante.

Coastline accede a proveer un proceso organizado de: admisión/ingreso, orientación, evaluación, consejería, y seguimiento del proceso académico del estudiante. Los estudiantes acceden a: declarar un objetivo educacional específico, atender clases regularmente, completar el trabajo de cursos asignados, y mantener un progreso satisfactorio que este dirigido a la realización y el logro de planes educativos.

### Meta

La meta principal del programa de matriculación es la de elevar el éxito estudiantil por medio de la efectividad institucional. Este éxito se puede medir a través de los objetivos educacionales alcanzados por nuestros estudiantes.

Matriculación es un proceso coordinado que:

1. Asiste a estudiantes a tomar decisiones educativas juiciosas que están relacionadas con los cursos y programas que van a completar. Estas decisiones estarán basadas de acuerdo a evaluaciones claras, habilidades personales, intereses y talentos/ aptitudes en relación con los programas y cursos ofrecidos.
2. Hacer posible que los estudiantes completen unidades y créditos con grados ó calificaciones satisfactorias y que continúen su educación de semestre a semestre.
3. Identifica los servicios de apoyo que los estudiantes necesitan para triunfar y les proporciona recursos y referencias comunitarias y universitarias que necesitarán para satisfacer sus necesidades.
4. Fortalece la motivación estudiantil para que se

logren los puntos antes mencionados y provee información general y mucho estímulo y ánimos para nuestros estudiantes.

A los estudiantes se les recomienda que se reúnan con un consejero académico anualmente para discutan sus planes universitarios y analicen sus calificaciones académicas.

### Định nghĩa

Matriculation là một chương trình bắt buộc của tiểu bang mở ra để giúp sinh viên đạt được hiệu quả trên con đường học vấn. Đây là một hợp đồng giữa trường đại học và người sinh viên.

Trường Coastline giúp đỡ sinh viên trong việc ghi danh, thi xếp lớp, hướng dẫn và theo dõi tiến trình học lực. Sinh viên cần chọn một ngành học nhất định, tham dự đầy đủ các buổi học, hoàn tất bài vở và duy trì sự tiến triển khả quan để hoàn tất chương trình học vấn của mình.

### Mục đích

Mục đích chính của chương trình này là giúp đỡ sinh viên tiến bộ nhanh hơn để đạt đến sự thành công trong học vấn. Sự thành công này được đo lường bằng sự tiếp thụ về ngành học được chọn. Matriculation là một chương trình gồm có:

1. Giúp đỡ sinh viên trong việc lựa chọn ngành học dựa vào khả năng, ý thích và năng khiếu của sinh viên.
2. Tạo điều kiện cho sinh viên đạt được điểm cao trong những khóa học một cách bền bỉ từ mùa học này sang mùa học khác.
3. Chỉ dẫn những dịch vụ ủng hộ cần thiết cho sinh viên để đạt được sự thành công và những nơi cung cấp những dịch vụ này.
4. Làm tăng trưởng động cơ của sinh viên để đạt được thành công với sự khuyến khích thường xuyên.

Sinh viên cần phải gặp người cố vấn hằng năm để thảo luận về ngành học và để kiểm nghiệm hồ sơ học vấn của mình.

# Military Program.

Coastline Community College has developed programs with each branch of the U.S. military and has been providing specialized educational opportunities for the military community for nearly 30 years. Coastline is proud to serve our U.S. Service members. Programs and services are delivered utilizing best practices as detailed by Service member Opportunity College (SOC) and predicated upon such principles drawn from the cumulative experience of institutions and agencies judged successful in their work with service members.

The advantages offered by Coastline's military programs to service members include:

- AA and AS degrees allowing maximum credit for military training and experience
- Degree Road maps in majors related to military rate/MOS
- Free, up-front degree plans (before enrollment)
- SOC Agreements before completion of 2 courses
- Maximum transferability of credits to 4-year institutions
- Textbooks available at substantial savings
- Quality, short-term on-line courses (8 week sessions)
- Experienced and friendly faculty, counselors and staff
- No on-campus residency requirement
- Coastline representatives located on bases worldwide

Distance education classes and associate degree programs offered through the Military Program are available to active duty, veterans, family members and DoD civilians. Coastline is a participant in several military educational programs including Navy College Program Distance Learning Partnership, NCPACE, GoArmyEd, Marine Corps Explorer, Air Force GEM, and SOCCOAST Afloat programs. Other programs & services include the Spouses, and PocketEd (PDA) programs, the Cognitive & Caregivers Boot Camp and our National Testing Centers.

Associate degree programs currently available through the Military Program include:

- Administrative Manager (Office Support Specialist)
- American Studies
- Arts & Humanities
- Business Administration (Business)
- Communications
- Computer Networking: Cisco
- Computer Networking: Microsoft
- Criminal Justice concentration (Sociology and Emergency Management)
- Electronics
- Emergency Management/Homeland Security
- Financial Manager (Office Support Specialist)
- General Business (Business)
- General Office Manager (Office Support Specialist)
- Health Care Management
- History
- Human Resources Management (Business)



- Human Services
- Marketing (Business)
- Psychology
- Science and Math
- Small Business Ownership
- Social & Behavioral Sciences
- Sociology
- Spanish
- Supervision and Management (Supervision)
- Supply Chain Management (Supervision)

Course enrollment fees range from \$79 to \$223 per credit hour depending on contract, program and/or delivery method. Fees are the same for both in- and out-of-state residents and across branches.

Please visit the military web site for degree road maps, class schedule, and additional information regarding Coastline's Military Programs at <http://military.coastline.edu> <<http://military.coastline.edu>> or call toll free at 1-866-422-2645 (1-866-4CCCMIL).

## Veteran's Assistance.

Coastline is approved by the Bureau of School Approvals, California State Department of Education, to offer programs to veterans and eligible persons seeking benefits under the Federal Public Laws and the California Veterans Educational Laws. Coastline follows the guidelines issued by the Council for Private and Post Secondary and Vocational Education which apply to all institutions enrolling veterans and other eligible persons for veterans benefits. If there are any questions regarding veteran benefits, check with the veterans technician in the Admissions office at 1 (714) 241-6325 or 1 (714) 241-6114.

### Eligibility

A veteran may be eligible for benefits for ten years after the date of separation from active duty provided discharge or release was other than dishonorable, and he/she served at least a hundred and eighty-one (181) continuous days or was discharged or released because of a service-connected disability. Veterans who entered active duty beginning July 1, 1985 may be eligible under Chapter 30, the Montgomery GI bill provided they:

- Served at least two years with honorable discharge, and
- Had \$100 per month deducted from their military pay for educational benefits during the first 12 months of active duty.

Selected Reserve participants may be eligible under Chapter 1606.

Reserve Education Assistance Program (REAP) Chapter 1607 is a Department of Defense/VA education benefit program designed to provide educational assistance to members of the Reserve components called or ordered to active duty in response to a war or national emergency (contingency operation) as declared by the President or Congress.

The Post-911 GI Bill is a new education benefit program for individuals who served on active duty on or after September 11, 2001. Post-911 GI Bill benefits are payable for training pursued on or after August 1, 2009. No payments can be made under this program for training pursued before that date.

### Veterans Administration Requirements for Receiving Veterans Benefits

1. In order to claim benefits, a veteran or eligible person must have, as an educational objective, "an (a) Associate in Arts Degree, (b) Baccalaureate Degree, or (c) Certificate Program. If, after consulting the college catalog or the schedule of classes a person wishing to file for veterans benefits is still unsure of his/her goals or major, arrangements should be made for a counseling appointment.
2. In order to insure continuity of benefits, satisfactory progress must be made toward the stated major.
3. Attendance in enrolled classes is expected at all times.
4. After each registration, the person receiving Veterans benefits must notify the Veterans Technician of any program changes, i.e., complete withdrawal from college, adjustment of units, courses added and dropped, etc.
5. Those with 24 or more units of college work completed and who wish to apply for benefits must have program approval. Contact the Veterans Technician for proper procedure.
6. Veterans with fewer than 24 units must submit transcripts for all previous college work to Coastline Community College within four weeks after the semester begins.

#### Unit Load to Qualify for GI Bill:

Full-time	12 units
3/4 time	9-11 units
1/2 time	6-8 units

CAL-VET: Students who qualify for CAL-VET benefits should contact the Veterans Technician.

It will be the responsibility of the veteran or eligible dependent to adhere to the regulations of the Veterans Administration and Coastline policies. If there are any questions regarding the veteran benefits, check with the veterans technician at 1 (714) 241-6325 or 1 (714) 241-6114.

## Registration Priority for Veteran's:

In accordance with SB272, Coastline Community College will offer priority registration to veterans discharged from active duty within two years of admissions to the college. For additional information, please contact the Veterans Technician in the Admissions and Records office.

**The Transfer Center.** An extensive library of college and university catalogs is accessible for assistance in transfer decisions. Internet access for transfer research is also offered, and applications for CSU, UC, and private institutions are available. Other services include information on majors, choosing the right college, appointments with university representatives, articulation with four-year colleges, special workshops and the University Transfer Event held each fall. This center serves students, staff and the general public and assists them in making a smooth transition to a four-year institution. Call 1 (714) 241-6171 for more information.



**Study Abroad.** Coastline is proud to offer summer, winter intercession and expanded spring break Study Abroad programs to selected locations!

For additional information about current programs go online to the Study Abroad Web page, at: [www.studyabroad.coastline.edu](http://www.studyabroad.coastline.edu) or you may call Kevin Donahue at 1 (714) 241-6215 or e-mail [kdonahue@coastline.edu](mailto:kdonahue@coastline.edu) for more information. Visit Coastline's Study Abroad Web page at: <http://studyabroad.coastline.edu>.

Financial Aid may be available on a case-by-case basis. Call 1 (714) 241-6239 for more financial aid information.

# Associate in Arts Degree Requirements

## Catalog Rights and Continuous Enrollment

For graduation (A.A. Degree) students may follow the catalog requirements that were in effect for the academic year when their attendance began at Coastline Community College or follow the catalog requirements in effect during subsequent years of attendance provided that continuous enrollment has been maintained.

Continuous enrollment is defined as enrollment in at least one course at Coastline Community College for at least one semester (fall and/or spring) in each academic year. The student must receive a grade of A, B, C, D, F, P, NP, W, I or IP for the course.

The following applies to Military Personnel who have an Official Servicemember Opportunity Colleges (SOC) Student Agreement (SOCAD, SOCMAR, SOCCOAST, SOCNAV) with Coastline: The validity of the SOC Agreement ("contract for degree") will remain in force for five years. Coastline will honor a SOC Student Agreement beyond 5 years if breaks-in-attendance do not exceed two years. The student's educational activities will not be exclusively defined by taking courses at Coastline.

## General Education Philosophy

### General Education Degree-Level Student Learning Outcomes

The term "general education" refers to a broad-based and comprehensive program that introduces students to the major areas of higher education: the humanities, fine arts, social sciences and natural sciences. The general education program is the basis for all degree programs at Coastline Community College and is designed to help students develop the knowledge and skills that will contribute to their intellectual, personal and professional growth.

Upon completion of a degree-level program, students will be able to:

1. Demonstrate understanding and appreciation for the visual and performing arts
2. Demonstrate ethical civic, environmental, and social responsibility
3. Demonstrate ability to apply critical thinking and analysis
4. Demonstrate innovative thinking, adaptability, and creative problem-solving skills
5. Demonstrate understanding and respect for cultural and global diversity
6. Demonstrate information competency
7. Use effective communication and interpersonal skills
8. Use scientific and quantitative reasoning

## Petition for Graduation

An A.A. degree or a certificate of achievement is not automatically awarded. Students are required to petition for the degree or certificate of achievement at the beginning of the semester in which they will be completing their final requirements. Petitions are available in the Admissions office

and online. Military students may obtain a graduation petition online at <http://military.coastline.edu/advising.cfm>

- Summer filing date: June 15-July 15, 2010
- Fall filing date: September 1-November 10, 2010
- Spring filing date: January 31-April 10, 2011

## Military Graduations Filing Period

- Summer filing date: June 21-July 30, 2010
- Fall filing date: August 30-November 12, 2010
- Spring filing date: January 31-April 1, 2011

Diplomas will be mailed approximately one month after the end of the semester in which the application was filed.

Commencement exercises are held once a year at the end of the Spring Semester. Detailed information will be mailed to all graduation candidates in April.

## Calendar Year

- January 31-April 10, 2011
- June 15-July 15, 2010
- September 1-November 10, 2010

## Transfer Information

Students planning to transfer to a four-year college or university should consider the following:

- A college degree is not a guarantee for a high-paying job. Success usually requires strong motivation and good study habits.
- Grades are the best indicator of success in academic work. A minimum of a "C" average in all transfer courses is a requirement for transfer to most four-year colleges. Grades in the major should be significantly higher.
- Each four-year college has its own admission standards and curriculum requirements. Students should decide as soon as possible on their major and on their transfer college in order to identify the courses that must be completed and the grades that must be achieved.
- By extending the time in lower-division work, it is possible to combine an occupational training program with a college transfer program.
- All college degrees require the completion of certain courses called general education or breadth requirements. The following charts indicate the transfer requirements for those colleges and universities most frequently used by Coastline students.
- Transfer agreements are subject to ongoing review and revision. The transfer agreements listed on the following charts represent agreements at the time of publication. Students may contact the Transfer Center at the Garden Grove Center or the transfer institution of their choice for current information.

# Associate Degree Requirements

Coastline Community College awards the degree of Associate in Arts and Associate in Science. The degree is designed to provide students with the necessary skills to compete successfully in a culturally diverse and global job market. Among these are the ability to think and to communicate clearly and effectively both orally and in writing; to use mathematics; to understand the modes of inquiry of the major disciplines; to be aware of other cultures and times; to achieve insights gained through experience in thinking about ethical problems; and to develop the capacity for self-understanding. In addition to these accomplishments, the student shall possess sufficient depth in a field of knowledge to contribute to lifetime interest.

In accordance with law and with rules and regulations of the Board of Governors of the California Community Colleges and the Board of Trustees of the Coast Community College District, the requirements for the degree of Associate in Arts and Associate in Science include the following:

## 1. General Education:

Complete one of the three General Education options below.

**Option 1**—designed for students pursuing a major or area of emphasis and/or who may not be planning to transfer to a 4-year university. The degree is transferrable to many colleges and universities.

**Option 2**—designed for students who are planning to transfer to a university in the CSU system. It may also be appropriate for transfer to some independent colleges.

**Option 3**—designed for students who are planning to transfer to a university in the CSU or UC system. It also may be appropriate for transfer to some independent colleges.

## 2. Field Of Study:

Complete the required courses in one of the fields of study below. All coursework must be completed with a grade of “C” or higher.

- **AREAS OF EMPHASIS**—American Studies, Arts and Humanities, Communications, Physical Education and Health, Science and Math, Social and Behavioral Sciences
- **MAJORS**—Art, Business Administration, Economics, English, French, Gerontology, Health and Fitness, History, Human Services, Liberal Studies, Mathematics, Psychology, Spanish, Sociology
- **CAREER PROGRAMS**—

### Accounting

General Accounting  
Bookkeeping  
Taxation

### Building Codes Technology

Combination Building Inspection  
Combination Residential Inspection  
Code Professional  
Permit Technician  
Green Building Technology

### Business

General Business  
Human Resources Management  
Marketing  
Business Administration

### Computer Networking

Cisco  
Microsoft®  
Security  
Microsoft® SharePoint Security

### Electronics (Contract Education only)

### Emergency Management/Homeland Security

Concentration in  
Criminal Justice—Contract Education only

### Gerontology

### Health Care Management

### Informatics

### Management

### Management & Supervision

### Office Support Specialist

Administrative Professional—Assistant  
General Office Manager  
Financial Assistant  
Financial Manager  
Administrative Manager

### Paralegal Studies

### Process Technology

### Retail Management

### Small Business Management

### Supply Chain Management

## 3. Unit Requirement:

Complete at least 60 units of acceptable college work with a minimum of 12 Coastline units.

## 4. Electives:

Complete additional A.A. degree applicable courses needed to meet the 60 unit requirement.

## 5. Global And Multicultural Studies Requirement:

Complete at least 2.5 units from any of the following Global and Multicultural Studies: Anthropology C100, C150; Art C100, C101, C103, C104, C105, C109, C135, C136, C137, C138, C175, C233, C235, C236, C237, C260, C261, C262, C265; Criminal Justice C148; English C144, C145; Foreign Language—any over C100; Geography C185; Gerontology C140; History C115, C122, C124, C128, C130, C160, C165, C180, C185; Humanities C100, C110; Human Services C100; Music C103; Philosophy C100, C113; Sociology C130

## 6. Additional Graduation Requirements:

- Earn an overall grade point average of 2.0 or higher from all colleges attended and a 2.0 or higher grade point average at Coastline.
- Forward all official college transcripts from other colleges attended to Coastline.
- Be in good academic standing (not on probation and/or disqualification) during the semester graduation is petitioned.
- Petition for the degree in the beginning of the semester in which final requirements will be completed.

This information is subject to change. For the latest information, please check the Catalog or [www.coastline.edu](http://www.coastline.edu).

# General Education Requirements

## OPTION 1 • 2010-2011

This option is designed for students pursuing a major or area of emphasis and/or who may not be planning to transfer to a 4-year institution. Other colleges and universities may accept this degree for transfer. It is important to contact a Coastline counselor or your transfer institution for guidance in preparing your educational plan. In addition to the General Education requirements below, students must complete additional requirements for the Associate in Arts Degree listed in the catalog under Associate in Arts Degree Requirements.

Complete at least 18 units in the specific courses listed in Groups A-E. Students may select courses from any sub-area under each specific group. One course may not be used to satisfy more than one general education requirement; however, the same course may be used to satisfy both a general education requirement and a requirement for the major or area of emphasis. Students may also double-count courses for the Global and Multicultural Studies Requirement.

### Group A – Basic Subjects

#### One course from each area

**A1** — Communications C100; Speech C100, C101, or C110.

**A2** — English Competency: Passing English C100 or C135 (with a grade of “C” or better).

**A3** — Math Competency: Passing the Math Placement Test or completion of two years of high school algebra with a grade of “C” or better, or passing one of the following with a “C” or better: Math C030\*, C040\*, C070\*, C100, C103, C104, C106, C115, C120, C140, C150, C160, C170, C180, C185, C280, C285.

\*Math C030, C040 C070 can be used to meet the Math competency requirements. They count toward the 60 units required for A.A. degree, but do not count toward the required general education units. All other courses numbered below 100 (other than English 099) do not count toward the A.A. degree.

### Group B – Natural Sciences:

#### Any three units

**B1** — Astronomy C100, C100L\* C101, C102, C103, C104; Chemistry C100, C105, C110\*, C130\*, C180, C180L\*, C185, C185L\*, C220, C221\*, C225, C226\*; Environmental Studies C100; Geology C100, C130, C140, C141\*; Physics C110, C111\*, C120\*, C125\*, C185\*, C280\*, C285\*.

**B2** — Anthropology C110, Biology C100, C101\*, C105, C120, C170\*, C175\*, C210\*, C283; Ecology C100; Marine Science C100, C100L\*, C105\*.

\*Course has Laboratory Activity

### Group C – Arts and Humanities:

#### Any three units

**C1** — Art C100, C101, C102, C103, C104, C105, C109, C110, C110A, C110B, C111A, C111B, C117, C120, C120A, C120B, C121, C122, C122A, C122B, C123, C126, C127, C128, C129, C130, C131, C132, C133, C134, C135, C136, C137, C147, C150A, C150B, C160, C175, C190, C194, C203, C205, C206, C214, C221, C222A, C222B, C223, C224, C228, C229, C230, C231, C232, C233, C234, C235, C236, C237, C238, C239, C240, C250A, C250B, C261, C262, C265, C273; English C164; Music C100, C103, C104, C105, C106, C130, C131, C132; Theater C100, C106, C107, C111, C120, C150

**C2** — Humanities: American Sign Language C110, C111; English C101, C102, C140, C143, C144, C145, C146, C150, C155, C164, C180 C290, C295, C296, C297; Any Foreign

Language C144, C180, C180A, C180B, C183, C185, C185A, C185B, C203, C204, C260, C260A, C260B, C265, C265A, C265B, C280, C280A, C280B, C285, C285A, C285B; History C120, C132, C135, C170, C175, C180, C185, Humanities C100, C110, C114, C120, C130; Philosophy C100, C113, C115, C120, C140

### Group D – Social Sciences:

#### Any three units

**D1** — Anthropology and Archeology: Anthropology C100, C110, C120, C150

**D2** — Economics: Economics C100, C180, C185

**D3** — Ethnic Studies: History C122, C124, C125, C128, C146, C155

**D4** — Gender Studies: History C120

**D5** — Geography: Geography C100, C180, C185

**D6** — History: History C115, C132, C135, C146, C150, C160, C165, C170, C175, C180, C185

**D7** — Interdisciplinary Social Science: Communications C100, C150

**D8** — Political Science: Political Science C100, C110, C120, C130, C140

**D9** — Psychology: Psychology C100, C115, C118, C120, C148, C170, C250, C260, C280

**D10** — Sociology: Sociology C100, C110, C120, C130

### Group E – Self-Development:

#### Any three units

Counseling C100, C105, C120; Dance C101, C102, C105, C106, C107, C108, C110, C111, C113, C114, C116, C120, C124, C125, C126, C130, C140, C141, C150, C160, C162; English C108; Food & Nutrition C170, C175; Gerontology C120, C140; Health Education C100, C175; Leadership C140, C145, C150, C155; Photography C100, C102; Physical Education any course numbered C100 or above; Psychology C115, C118, C130, C150, C151, C152, C153, C154, C155, C161, C170

# Associate Degree General Education Requirements

## OPTION 2 – Transfer CSU • 2010-2011

Designed for students who are planning to transfer to a university in the CSU system. However, it may be appropriate for transfer to some independent colleges. In addition to the General Education requirements below, students must complete additional requirements for the Associate in Arts Degree listed in the catalog. Transfer students are strongly advised to contact a Coastline counselor for guidance in preparing an educational plan. In addition, for the most current articulation information, visit [assist.org](http://assist.org).

Complete at least 39 units in the specific courses listed in Groups A-E. One course may not be used to satisfy more than one general education requirement; however, the same course may be used to satisfy both a general education requirement and a requirement for the major or Area of Emphasis. Students may also double-count courses for the Global and Multicultural Studies Requirement.

### **Certificate Of Achievement In Csu General Education**

Upon completion of this General Education pattern, students may qualify for a Certificate of Achievement in CSU General Education.

### **Certification of General Education for Transfer to CSU**

Upon a student's request, Coastline will verify the completion of lower-division general education requirements for transfer to the California State University. Courses can only be certified if they were on the CSU approved list at the time they were taken by the student. Upon transferring, the student will need to complete any upper-division general education requirements required by the university. Students who transfer without certification will have to meet both lower and upper-division general education requirements of the specific CSU campus to which they are transferring. Meeting these requirements usually necessitates taking additional courses. Students may also request subject-area (partial) certification. To qualify a student must satisfactorily complete the courses required in one or more sub-areas. Coastline will provide a full-certification only once. Certification is not automatic and must be requested after the completion of the last term prior to transfer. This request should be made in the Admissions office when final transcripts are requested to be sent to the transfer university.

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### **Area A – English Language Communication and Critical Thinking**

Must complete **9 units** with a minimum of one course in A1, A2 and A3 (grade of "C" or better).

#### **A1 – Oral Communication**

Speech C100 or C101 or C110

#### **A2 – Written Communication**

English C100

#### **A3 – Critical Thinking**

English C102 or Philosophy C115

### **Area B – Scientific Inquiry and Quantitative Reasoning**

Must complete **9 units** with a minimum of one course each in B1, B2, and B4. (One of the science courses must be a laboratory course.)

#### **B1 – Physical Science**

Astronomy C100, C101, C102, C103, Chemistry C100, C105, C110, C130, C180, C185, C220, Geology C100, C130, C140, Physics C110, C120, C125, C185

#### **B2 – Life Science**

Anthropology C110, Biology C100, C105, C120, C170, C175, C210, C283, Ecology C100, Marine Science C100, C105

#### **B3 – Laboratory Activity**

Astronomy C100L\*, Biology C101, C170, C175, C210, C283, Chemistry C110, C130, C180L, C185L, C221, Geology C141, Marine Science C100L\*, C105, Physics C111, C120, C125, C185

\*Must be taken with Astronomy C100

\*\*Must be taken with Marine Science C100

#### **B4 – Mathematical/Quantitative Reasoning Concepts** (grade of "C" or better)

Math C100, C103, C106, C115, C120, C140, C150, C160, C170, C180, C185, C280, C285

—Associate Degree Option 2 continued from previous page

### **Area C – Arts and Humanities**

Must complete **9 units** with a minimum of 3 units in C1 and 3 units in C2.

#### **C1—Arts**

Art C100, C101, C102, C103, C104, C105, C109, C110A, C110B, C111A, C111B, C120, C120A, C120B, C122, C128, C129, C135, C136, C137, C150A, C150B, C214, C261, C262, C265, English C164, Music C100, C103, C105, C106, Theatre Arts C100

#### **C2—Humanities**

English C140, C143, C144, C145, C146, C150, C155, C164, C180, C296, C297, Foreign Language (any foreign language) C180, C180A, C180B, C185, C260, C260A, C260B, C261, C265, C265A, C265B, C280, C280A, C280B, C285, C290, C295, French C144, History C120, C132, C135, C155, C160, C165, C170, C175, C180, C185, Humanities C100, C110, C130, Philosophy C100, C113, C120, Sign Language C111

### **Area D – Social Sciences**

Must complete **9 units** with courses in at least two sub-areas.

#### **D1—Anthropology and Archeology**

Anthropology C100, C120, C150

#### **D2—Economics**

Economics C100, C180, C185

#### **D3—Ethnic Studies**

History C122, C124, C128, C155

#### **D4—Gender Studies**

History C120

#### **D5—Geography**

Geography C100, C180, C185

#### **D6—History**

History C115, C132, C135, C146, C160, C165, C170, C175, C180, C185

#### **D7—Interdisciplinary Social or Behavioral Science**

Communications C100, Speech C100

#### **D8—Political Science, Government and Legal Institutions**

Political Science C100, C110, C120, C130, C140

#### **D9—Psychology**

Psychology C100, C115, C118, C120, C148, C170,

C250, C260, C280

#### **D0—Sociology and Criminology**

Sociology C100, C110, C120

### **Area E – Lifelong Understanding and Self-Development**

Must complete **3 units**.

Counseling C100, C105, C120, English, C102, C108, Food and Nutrition C170, C175, Gerontology 120, C140, Health Education C100, C175, Psychology C115, C118, C130, C152, C153, C154, C155, Sociology C120

#### **A maximum of one unit may be counted from the following activity courses:**

Dance C101, C102, C105, C106, C107, C108, C110, C111, C113, C114, C116; C120, C124, C125, C126, C130, C140, C141, C150, C160, C165

Physical Education C101, C102, C103, C105, C107, C108, C109, C115, C116, C120, C123, C125, C136, C137, C138, C140, C141, C147, C148, C164, C172, C173, C174

### **American Institutions Requirement**

All C.S.U. campuses require that a student demonstrate competence in the Constitution of the United States and in American History. This may be satisfied by taking Political Science C100 and History C170 or C175 at Coastline College or by taking a course at the CSU. These courses also count toward Area D requirements.

# Associate Degree General Education

## OPTION 3 - Transfer IGETC • 2010-2011

Designed for students who are planning to transfer to a university in the CSU or UC system. However, it may be appropriate for transfer to some independent colleges. In addition to the General Education requirements below, students must complete additional requirements for the Associate in Arts Degree listed in the catalog. Transfer students are strongly advised to contact a Coastline counselor for guidance in preparing an educational plan. In addition, for the most current articulation information, visit [assist.org](http://assist.org).

Complete at least 37 units in the specific courses listed in Groups A-E. One course may not be used to satisfy more than one general education requirement; however, the same course may be used to satisfy both a general education requirement and a requirement for the major or Area of Emphasis. Students may also double-count courses for the Global and Multicultural Studies Requirement.

### **CERTIFICATE OF ACHIEVEMENT IN INTERSEGMENTAL GENERAL EDUCATION TRANSFER**

Upon completion of this General Education pattern, students may qualify for a Certificate of Achievement in Intersegmental General Education Transfer (IGETC) and IGETC Certification of General Education.

### **Certification of General Education for Transfer to CSU or UC**

Upon a student's request, Coastline will verify the completion of lower-division general education requirements for transfer to the California State University (either the CSU general education breadth requirements of the IGETC) or the University of California (IGETC). Courses can only be certified if they were on the CSU or IGETC approved list at the time they were taken by the student. Students who transfer without certification will have to meet the general education requirements of the specific CSU or UC campus to which they are transferring. Meeting these requirements usually necessitates taking additional courses. Coastline will certify courses only once. Certification is not automatic and must be requested after the completion of the last term prior to transfer. This request should be made in the Admissions office when final transcripts are requested to be sent to the transfer university.

### **Partial Certification of IGETC**

Students may request partial certification if they have completed all but two of the courses on the IGETC pattern. Students need Areas 1 and 2 completed to meet minimum transfer admission requirements. Therefore, partial certification that acknowledges a deficiency in Area 1 and/or 2 may also indicate a student does not meet minimum transfer requirements. Students have several options for completing the remaining courses. See a counselor for more information.

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## **AREA 1 – English Communication**

**UC**—Two courses, one from Group A and one from Group B.

**CSU**—Three courses, one from Group A, one from Group B and one from Group C.

### **Group A: English Composition**

English C100

### **Group B: Critical Thinking**

English C102

### **Group C: Oral Communication**

Speech C101, C110 (required for CSU and A.A. degree)

## **AREA 2 – Mathematical Concepts and Quantitative Reasoning**

One course. Minimum of 3 units.

Math C115\*, C140\*, C150, C160, C170\*, C180\*, C185, C280, C285

## **AREA 3 – Arts and Humanities**

Three courses, with at least one course from Group A and one course from Group B. Minimum of 9 units.

### **Group A: Arts**

Art C100, C101, C102, C103, C104, C105, C109, C261, C262

English C164

Music C100, C105, C106

Theater Arts C100

—Associate Degree Option 3 continued from previous page

### Group B: Humanities

Chinese C185, C280, C285

English C140, C144, C145, C150, C155, C164, C180, C290, C295

French C185, C285

History C108, C120, C122, C124, C128, C132, C135, C155, C160, C165, C170, C175, C180, C185

Humanities C100, C110, C130

Italian C185, C280, C285

Philosophy C100, C113, C120

Spanish C185, C265, C280, C285

Vietnamese C185, C280, C285

### AREA 4 – Social and Behavioral Sciences

Three courses from at least two disciplines. Minimum of 9 units.

**4A** – Anthropology - Anthropology C100, C120

**4B** – Economics - Economics C100\*, C180, C185

**4C** – Ethnic Studies

**4D** – Gender Studies - History C120

**4E** – Geography - Geography C100, C185

**4F** – History - History C115, C132, C135, C146

**4G** – Interdisciplinary Studies - Communication C100; Ecology C100

**4H** – Political Science - Political Science C100, C110, C130, C140

**4I** – Psychology - Psychology C100, C118, C120, C148, C170\*, C280

**4J** – Sociology - Sociology C100

### AREA 5 – Physical and Biological Sciences

Two courses, with one from Group A and one from Group B. Minimum of 7 to 9 units.

*One of the courses must include a lab (indicated by + sign)*

#### Group A: Physical Science

Anthropology C110

Astronomy C100, C100L\*, C101, C102, C103

Chemistry C110\*+, C130\*+, C180, C180L+, C185, C185L+, C220, C221+

Ecology C105

Geography C180

Geology C100\*, C110, C130, C140, C141+

Physics C110\*

### Group B: Biological Sciences

Biology C100, C101\*, C105\*, C170\*, C175\*, C210, 283

Marine Science C100, C105

\*Indicates that transfer credit may be limited. See your counselor or ASSIST.org.

### AREA 6 – Languages Other Than English

(UC REQUIREMENT ONLY): This requirement may be fulfilled by one of the following methods. See a counselor for clarification.

**A.** Complete two years of a high school foreign language with grades of “C” or better (high school transcripts must be on file at CCC)

OR

**B.** Completion of a foreign language course numbered 180 or higher with a grade of C or better.

OR

**C.** Earn a satisfactory score on one of the following tests (results must be on file at CCC):

1. SAT II Subject Test in a language other than English (Before 5/95 — score: 500. After 5/95— Chinese: 520; French: 540, German: 510; Hebrew: 470, Italian: 520; Japanese: 510; Korean: 500, Latin: 530, Spanish: 520).
2. College Board Advanced Placement Examination in a language other than English (score: 3 or better)
3. International Baccalaureate Higher Level Examination in language other than English (score: 5 or better)
4. An achievement test administered by a college or university (score: proficiency equivalent to at least two years of high school language).

OR

**D.** Complete, with grades of “C” or better, two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English. (documentation must be on file at CCC).

# Distance Learning Courses That Meet CSU System Transfer Requirements

TRANSFERABILITY SUBJECT TO CHANGE. CHECK WITH YOUR SCHOOL.

## AREA A REQUIREMENTS—

### English Language Communication and Critical Thinking

	Units
(A2) English C100—Freshman Composition .....	3.0
(A3) English C102—Critical Reasoning, Reading and Writing .....	3.0
Philosophy C115—Logic and Critical Thinking .....	3.0

## AREA B REQUIREMENTS—

### Scientific Inquiry and Quantitative Reasoning

	Units
(B1) Astronomy C100—Introduction to Astronomy .....	3.0
Chemistry C105—Chemistry Explorations for Teachers .....	2.0
Chemistry C110—Introduction to Chemistry .....	5.0
Chemistry C180—General Chemistry A .....	4.0
Chemistry C185—General Chemistry B .....	4.0
Geology C100—General Geology .....	3.0
Geology C130—California Geology .....	3.0
Physics C110—Introduction to Physics .....	3.0
(B2) Biology C100—Introduction to Biology .....	3.0
Biology C120—Biology of Aging .....	3.0
Biology C210—General Microbiology .....	5.0
Ecology C100—Human Ecology .....	3.0
Marine Science C100—Introduction to Marine Science .....	3.0
(B3) Astronomy C100L—Introduction to Astronomy Lab .....	1.0
Biology C101—Introduction to Biology Lab .....	1.0
Biology C210—General Microbiology .....	5.0
Chemistry C110—Introduction to Chemistry .....	5.0
Chemistry C180L—General Chemistry Lab A .....	1.0
Chemistry C185L—General Chemistry Lab B .....	1.0
Geology C141—Introduction to Geology Lab .....	1.0
Marine Science C100L—Marine Science Oceanography Lab .....	1.0
(B4) Mathematics C100—Liberal Arts Math .....	3.0
Mathematics C103—Statistics for Elementary Teachers .....	3.0
Mathematics C106—Geometry for Elementary Teachers 2 .....	3.0
Mathematics C115—College Algebra .....	4.0
Mathematics C120—Trigonometry .....	3.0
Mathematics C140—Survey of Calculus .....	4.0
Mathematics C150—Finite Mathematics with Applications .....	4.0
Mathematics C160—Introduction to Statistics .....	4.0
Mathematics C170—Precalculus .....	5.0
Mathematics C180—Calculus 1 .....	5.0
Mathematics C185—Calculus 2 .....	5.0
Mathematics C280—Calculus with Analytic Geometry 3 .....	5.0
Mathematics C285—Linear Algebra and Differential Equations .....	5.0

## GROUP C REQUIREMENTS—

### Arts and Humanities

	Units
(C1) Art C100—History and Appreciation of Art 1 .....	3.0
Art C101—History and Appreciation of Art 2 .....	3.0
Art C105—Introduction to Art .....	3.0
Art C110—Color and Design: Two Dimensional .....	3.0
Art C128—Survey of Watercolor Painting .....	1.5
Art C135—Survey of Chinese Brush Painting .....	2.0
Music C100—History & Appreciation of Music .....	3.0
Music C106—History of Jazz .....	3.0
Theater C100—Introduction to Theater .....	3.0
(C2) Chinese C180—Elementary Chinese .....	5.0
Chinese C185—Elementary Chinese 2 .....	5.0
English C140—Introduction to Literature .....	3.0
English C143—Children's Literature .....	3.0
English C144—The International Short Story .....	3.0

English C145—American Literature: The Short Story .....	3.0
English C155—American Literature 1865 to Present .....	3.0
English C180—Shakespeare .....	3.0
English C295—British Literature after 1800 .....	3.0
French C180—Elementary French 1 .....	5.0
French C180A—Elementary French 1A .....	2.5
French C180B—Elementary French 1B .....	2.5
French C185A—Elementary French 2A .....	2.5
Humanities C110—Humanities through the Arts .....	3.0
Humanities C130—Cinema History/Appreciation .....	3.0
Italian C180—Elementary Italian 1 .....	5.0
Italian C185—Elementary Italian 2 .....	5.0
Philosophy C100—Introduction to Philosophy .....	3.0
Philosophy C113—Philosophical Approaches to Sustainability .....	3.0
Philosophy C120—Ethics .....	3.0
Spanish C180—Elementary Spanish .....	5.0
Spanish C180A—Elementary Spanish 1A .....	2.5
Spanish C180B—Elementary Spanish 1B .....	2.5
Spanish C185A—Elementary Spanish 2A .....	2.5
Spanish C185B—Elementary Spanish 2B .....	2.5
Vietnamese C180—Elementary Vietnamese 1 .....	5.0
Vietnamese C185—Elementary Vietnamese 2 .....	5.0

## GROUP D REQUIREMENTS—

### Social Sciences

	Units
(D1) Anthropology C100—Cultural Anthropology .....	3.0
(D2) Economics C180—Principles of Economics (Macro) .....	3.0
Economics C185—Principles of Economics (Micro) .....	3.0
(D4) History C120—Women in American History .....	3.0
(D6) History C145—History of Mexico .....	3.0
History C160—World Civilization to 1500 .....	3.0
History C165—World Civilization from 1500 .....	3.0
History C170—U.S. History to 1876 .....	3.0
History C175—U.S. History Since 1876 .....	3.0
History C180—Western Civilization to 1550 .....	3.0
History C185—Western Civilization Since 1550 .....	3.0
(D7) Communications C100—Mass Communication .....	3.0
(D8) Political Science C100—American Government .....	3.0
Political Science C110—Introduction to Politics .....	3.0
(D9) Psychology C100—Introduction to Psychology .....	3.0
Psychology C115—Child Growth & Development .....	3.0
Psychology C170—Psychology of Aging .....	3.0
Psychology C250—Brain and Behavior .....	3.0
Psychology C280—Introduction to Research Methods .....	4.0
(D0) Sociology C100—Introduction to Sociology .....	3.0
Sociology C110—Marriage & Family .....	3.0
Sociology C120—Introduction to Gerontology .....	3.0

## GROUP E REQUIREMENTS—

### Life-long Understanding and Self-Development

	Units
Counseling C105—Succeeding in College .....	3.0
English C102—Critical Reasoning and Writing .....	3.0
English C108—Library Resource and Research .....	1.0
Food and Nutrition C170—Nutrition .....	3.0
Health Education C100—Contemporary Health Issues .....	3.0
Psychology C115—Child Growth and Development .....	3.0
Psychology C118—Transitions through the Life Span .....	3.0

## ELECTIVES

All other Distance Learning courses numbered between C100 and C299 are transferable to CSU as Electives or Lower-Division major requirements.

**NOTE: Not all of the above listed courses are offered every semester, or summer session. Students are encouraged to confirm the transferability of these classes. Be sure to talk to an academic counselor.**

**This information is subject to change. For the latest information please check the Course Catalog or [www.coastline.edu](http://www.coastline.edu).**

# Distance Learning Courses That Meet IGETC Transfer Requirements

## AREA 1—

### ENGLISH COMMUNICATION

#### Units

<b>Group A: Freshman Composition</b>	
English C100—Freshman Composition.....	3.0
<b>Group B: Critical Reasoning</b>	
English C102—Critical Reasoning, Reading and Writing.....	3.0

## AREA 2—

### Mathematical Concepts And Quantitative Reasoning

#### Units

Mathematics C115*—College Algebra .....	4.0
Mathematics C140*—Survey of Calculus .....	4.0
Mathematics C280—Calculus with Analytic Geometry 3 .....	5.0
Mathematics C285—Linear Algebra and Differential Equations .....	5.0
Mathematics C150—Finite Mathematics with Applications .....	4.0
Mathematics C160—Introduction to Statistics .....	4.0
Mathematics C170*—Precalculus .....	5.0
Mathematics C180*—Calculus 1 .....	5.0
Mathematics C185—Calculus 2 .....	5.0

## AREA 3—

### Arts & Humanities

#### Units

<b>Group A: Arts</b>	
Art C100—History and Appreciation of Art 1 .....	3.0
Art C101—History and Appreciation of Art 2 .....	3.0
Art C105—Introduction to Art .....	3.0
Music C100—History and Appreciation of Music .....	3.0
Theater C100—Introduction to Theater .....	3.0

### Group B: Humanities

Chinese C185—Elementary Chinese 2 .....	5.0
English C140—Introduction to Literature .....	3.0
English C144—The International Short Story .....	3.0
English C145—American Literature: The Short Story .....	3.0
History C120—Women in American History .....	3.0
History C160—World History to 1500 .....	3.0
History C170—U.S. History to 1876 .....	3.0
History C175—U.S. History Since 1876 .....	3.0
History C180—Western Civilization to 1550 .....	3.0
History C185—Western Civilization Since 1550 .....	3.0
Humanities C110—Humanities through the Arts .....	3.0
Humanities C130—Cinema History/Appreciation .....	3.0
Philosophy C100—Introduction to Philosophy .....	3.0
Philosophy C113—Philosophical Approaches to Sustainability .....	3.0
Philosophy C120—Ethics & Moral Choices .....	3.0
Spanish C185—Elementary Spanish 2 .....	5.0
Vietnamese C185—Elementary Vietnamese 2 .....	5.0

## AREA 4—

### Social And Behavioral Sciences

#### Units

4A) Anthropology C100—Cultural Anthropology .....	3.0
4B) Economics C180—Principles of Economics (Macro) .....	3.0
Economics C185—Principles of Economics (Micro) .....	3.0
4G) Ecology C100—Human Ecology .....	3.0
4H) Political Science C100—American Government .....	3.0
Political Science C110—Current Issues .....	3.0
4I) Psychology C100—Introduction to Psychology .....	3.0
Psychology C118—Transitions through the Life Span .....	3.0
Psychology C120—Abnormal Psychology .....	3.0
Psychology C170—Psychology of Aging .....	3.0
Psychology C280—Introduction to Research Methods in Psychology .....	3.0
4J) Sociology C100—Introduction to Sociology .....	3.0

## AREA 5—

### Physical And Biological Sciences

#### Units

#### Group A: Physical Sciences

Astronomy C100—Introduction to Astronomy .....	3.0
Astronomy C100L*—Astronomy Lab .....	1.0
Chemistry C110*—Introduction to Chemistry .....	5.0
Chemistry C180—General Chemistry A .....	4.0
Chemistry C180L—General Chemistry Lab A .....	1.0
Chemistry C185—General Chemistry B .....	4.0
Chemistry C185L—General Chemistry Lab B .....	1.0
Geology C100—General Geology .....	3.0
Geology C141*—Geology Lab .....	1.0
Physics C110—Introduction to Physics .....	3.0

#### Group B: Biological Sciences

Biology C100—Introduction to Biology .....	3.0
Biology C101*—Introduction to Biology Lab .....	1.0
Biology C210—General Microbiology .....	5.0
Marine Science C100—Introduction to Marine Science .....	3.0

#### Language Other Than English

#### Units

Chinese C180—Elementary Chinese .....	5.0
French C180—Elementary French 1 .....	5.0
Italian C180—Elementary Italian 1 .....	5.0
Spanish C180—Elementary Spanish 1 .....	5.0
Vietnamese C180—Elementary Vietnamese 1 .....	5.0

**NOTE: Not all of the above listed courses are offered every semester, or summer session. Students are encouraged to confirm the transferability of these classes. Be sure to talk to an academic counselor.**

• Transfer credit may be limited. See a counselor or ASSIST.org.

This information is subject to change. For the latest information please check the Course Catalog or [www.coastline.edu](http://www.coastline.edu).

# Areas of Emphasis

Areas of Emphasis provide an opportunity for students to take courses in their areas of interest and apply them to an A.A. degree. They are appropriate for students who do not plan on transferring as well as those who are transferring. Students who plan to transfer should consult with a counselor to make sure that they select the appropriate courses within the Area of Emphasis for their planned major and selected transfer university. All coursework in the Area of Emphasis must be completed with a grade of “C” or higher.

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## American Studies

This interdisciplinary major is designed to provide students with an integrated understanding of American society, history, and culture. Students may select designated courses within the humanities, social sciences, and fine arts disciplines. More than 300 colleges and universities in the United States offer American Studies programs. They approach American culture from many directions but have in common the desire to view America as a whole rather than from the perspective of a single discipline. Students who have graduated from four-year universities with American Studies degrees have gone on to work as lawyers, librarians, business leaders, writers, archivists, researchers, teachers, and politicians.

### Requirements for the major:

*Select a minimum of 18 units from at least 5 different disciplines. All courses must be completed with a grade of “C” or better.*

Art C102

Gerontology C140

History C120, C122, C150, C155, C170, C175

Humanities C130

English C145, C150, C155

Mass Communications C100

Music C104, C105, C106

Philosophy C120

Political Science C100, C110, C120

Psychology C115, C170

Sociology C110, C120

Speech C100, C101, C110

**Total units = at least 18 units**

## Arts and Humanities

The Arts and Humanities courses introduce the student to diverse aspects of human life in world cultures. Students will examine the ways that art and culture have influenced history, and how those decisions affect the way we interact with other people in our everyday lives.

Some University majors within the Arts and Humanities include: Art, English, Interior Design, Foreign Languages, History, Linguistics, Literature, Music, Philosophy, Religious Studies, and Theatre Arts.

*Select at least 18 units from the following courses: All courses must be completed with a grade of “C” or better.*

Art C100, C101, C102, C103, C104, C105, C109, C110, C110A, C110B, C111A, C111B, C120, C120A, C120B, C121, C122, C122A, C122B, C127, C128, C129, C130, C135, C136, C137, C150A, C150B, C205, C214, C221, C222, C222A, C222B, C224, C224A, C224B, C228, C229, C230, C231, C232, C242, C250A, C250B, C260, C261, C262, C265;

Music C100, C103, C105, C130, C131, C151, C152

English C140, C143, C144, C145, C164, C180

International Languages (any international language) C144, C180, C180A, C180B, C185, C260, C260A, C260B, C265, C265A, 265B, C280, C280A, C280B, C285

History C155, C160, C165

Humanities C100, C110, C130

Philosophy C100, C113, C120

Sign Language C111

Theater Arts C100, C106, C107

## Communications

Courses in this Area of Emphasis prepare students with skills that are in high demand in business, industry, non-profit organizations and government service. Students develop an understanding of communication principles that are utilized to interpret, create, evaluate and deliver messages effectively.

Some University majors within the Communications Area of Emphasis include: English, Journalism, Media Communication, Speech, Public Relations, and Theatre Arts.

*Select at least 18 units from the following courses: All courses must be completed with a grade of "C" or better.*

Art C203

Business Computing C171

English C100, C102, C133, C135, C136

Mass Communications C100

Philosophy C115

Sign Language C111

Speech C100, C110

## Physical Education and Health

Courses within the Physical Education and Health area provide a background in the study and practice of recreational activities, physical fitness, healthy lifestyle issues, and sports.

Some University majors within this area include: Food and Nutrition, Health, Kinesiology, and Physical Education,

*Select at least 18 units from the following courses, a minimum of 6 units must be in non-activity courses such as Health Education and Food and Nutrition: All courses must be completed with a grade of "C" or better.*

Dance C101, C102, C105, C106, C107, C108, C110, C111, C113, C114, C116, C120, C124, C125, C126, C130, C140, C141, C150, C160, C162

Food and Nutrition C170, C175

Health Education C100, C175

Physical Education – any course numbered C100 or above

## Science and Math

Courses in the Science and Math area develop an understanding of mathematical and scientific methods and knowledge. Continuing study in science and math will prepare students for a wide range of careers in technology, the health field, education, research, engineering and business.

Some University majors within Science and Math include: Accounting, Astronomy, Biology, Biotechnology, Botany, Chemistry, Computer Science, Ecology, Education, Engineering, Marketing, Math, Medicine, Microbiology, Nursing, Pharmacy, Physics, and Veterinary Medicine.

*Select at least 18 units from the following courses. At least one course should be a science course and at least one should be a math course. All courses must be completed with a grade of "C" or better.*

Astronomy C100, C100L

Biology C100, C101, C105, C120, C170, C175

Chemistry C100, C105, C110, C130, C180, C180L, C185, C185L

Ecology C100, C105

Geology C100, C130, C140, C141

Marine Science C100, C100L, C105

Math C100, C103, C106, C115, C120, C140, C150, C160, C170, C180, C185, C280, C285

Physics C110, C120, C125

## Social and Behavioral Sciences

Courses in the Social and Behavioral Sciences area focus on understanding human behavior within social, political, cultural, and historical contexts.

Some University majors within the Social and Behavioral Sciences include: Anthropology, Archaeology, Child Development, Criminal Justice, Economics, Geography, History, Political Science, Psychology, Social Work, Sociology.

*Select at least 18 units from the following courses: All courses must be completed with a grade of "C" or better.*

Anthropology C100, C120, C150

Communications C100

Economics C100, C180, C185

Geography C100, C180, C185

History C108, C115, C120, C122, C124, C128, C155, C160, C165, C170, C175, C180, C185

Political Science C100, C110, C120, C130, C140

Psychology C100, C115, C118, C120, C148, C170, C250, C280

Sociology C100, C110, C120

# Majors

## Art Major

This major encourages the development of technical skills, art appreciation, and personal creative vision. Art majors begin with a series of foundation courses that are designed to develop students' understanding and application of visual language across a range of media. This major will equip students with a variety of skills and visual strategies that they will be able to apply in meaningful contexts. Through study of arts, students learn how to find creative solutions to problems and how to express their individuality.

### Requirements for the major:

*All courses must be completed with a grade of "C" or better.*

Art C110 (or C110A & C110B)—Color and Design: Two Dimensional (3.0 units)

Art C120 (or C120A & C120 B)—Drawing (3.0 units)

Art C121—Life Drawing (3.0 units)

Art C122 (or Art C122A & C122B)—Painting (3.0 units)

Art C100—History and Appreciation of Art 1 (3.0 units)

OR

Art C101—History and Appreciation of Art 2 (3.0 units)

Art C111A and 111B—Three-Dimensional Form (3.0 units)

OR

Art C150A and C150B—Ceramics (3.0 units)

**Total units = 18 units**

## Business Administration Major

A major in Business Administration prepares graduates for business and management related careers in for-profit and not-for-profit organizations and the public sector. Courses required for this major encourage critical thinking and problem solving. Students will develop teamwork and leadership skills, as well as an ability to motivate people and communicate effectively.

### Requirements for the major:

*All courses must be completed with a grade of "C" or better.*

*Required core:*

Accounting C101—Financial Accounting (5.0 units)

Economics C180—Principals of Economics (MACRO) (3.0 units)

Economics C185—Principals of Economics (MICRO) (3.0 units)

*At least 8 units from:*

Accounting C102—Managerial Accounting (5.0 units)

Business C110—Legal Environment of Business (3.0 units)

Business Computing C100AB—Introduction to Computers (3.0 units)

Computer Information Systems C100—Information Systems (3.0 units)

Computer Information Systems C111—Introduction to Information Systems and Programming (4.0 units)

Math C140—Survey of Calculus (4.0 units)

Math C150—Finite Mathematics (4.0 units)

Math C160—Introduction to Statistics (4.0 units)

Math C180—Calculus with Analytic Geometry 1 (5.0 units)

Math C185—Calculus with Analytic Geometry 2 (5.0 units)

**Total units required = at least 18 units**

## Economics Major

Economics is the study of how effectively society meets its human and material needs. It provides a logical, ordered way of looking at various problems. It draws upon history, philosophy, and mathematics to deal with subjects ranging from how an individual household or business can make sound decisions, to societal issues such as unemployment, inflation, and environmental decay. Critical thinking is stressed more in economics than it is in any of the social sciences or in the business department. Economics also stresses computer proficiency and communications skills.

### Requirements for the major:

*All courses must be completed with a grade of "C" or better.*

*Required Core:*

Economics C180—Principles of Economics (Macro) (3.0 units)

Economics C185—Principles of Economics (Micro) (3.0 units)

*Total: 6 units*

*Complete one of the following courses:*

Math C140—Survey of Calculus (4.0 units)

Math C180—Calculus with Analytic Geometry 2 (5.0 units)

*Total: 4-5 units*

*Complete two of the following courses:*

Accounting C101—Financial Accounting (4.0 units)

Accounting C102—Managerial Accounting (4.0 units)

Math C160—Introduction to Statistics (4.0 units)

Math C185—Calculus with Analytic Geometry 2 (5.0 units)

*Total: 8-9 units*

**Recommended Electives: Accounting C100 (Intro to Accounting); Math C285 (Linear Algebra and Differential Equations); Business C110 (Legal Environment of Business); Philosophy C115 (Logic and Critical Thinking).**

**Total units = 18-20 units**

## English Major

The study of English provides opportunities to explore the worlds of literature and culture. This English major produces graduates with demonstrated skills in literary analysis, critical thinking, writing, as well as communication. With this major students will build important research and critical thinking skills. They will learn to discern what is important and synthesize that information for other usage. As English majors are learning to read with a critical eye, they are also polishing their own writing skills.

### Requirements for the major:

*All courses must be completed with a grade of "C" or better.*

English C100—Freshman Composition (3.0 units)

English C150—Critical Reasoning, Reading and Writing (3.0 units)

English C150—American Lit. to the Civil War (3.0 units)

English C155—American Lit. 1865 to Present (3.0 units)

English C290—British Lit. to 1800 (3.0 units)

English C295—British Lit. since 1800 (3.0 units)

*Choose one or more of the following literature courses:*

English C140—Introduction to Literature (3.0 units)

English C143—Children's Literature (3.0 units)

English C144—The International Short Story (3.0 units)

English C145—American Literature: The Short Story (3.0 units)

English C164—Introduction to Dramatic Literature (3.0 units)

English C180—Shakespeare (3.0 units)

**Total units required = at least 18 units**

## French Major

The French major is primarily designed to ensure that students gain a substantial degree of competence in speaking and writing the language (advanced courses are often conducted in French), and to study the culture, literature, and history of the Francophone world. It aims to develop the student's critical appreciation of French in both literary and cultural contexts.

### Requirements for the major:

*All courses must be completed with a grade of "C" or better.*

French C180 (or C180A and C180B)—Elementary French 1 (5.0 units)

French C185 (or C185A and C185B)—Elementary French 2 (5.0 (3.0 units)

French C280 (or C280A and C280B)—Intermediate French 1 (4.0 units)

French C285—Intermediate French 2 (4.0 units)

**Total units required = 18 units**

## Gerontology Major

The Gerontology major is designed to provide students with an interdisciplinary approach to studying the human aging process from sociological, psychological and biological perspectives.

Students examine the challenges encountered by older adults and their families as they interact in contemporary society. This major will provide training to work in services and agencies that assist older adults. It also prepares students for transfer to Gerontology or similar programs at universities such as CSU Fullerton.

### Requirements for the major:

*All courses must be completed with a grade of "C" or better.*

*Required core- 12 units*

Biology C120—Biology of Aging (3 units)

Gerontology C120—Professional Issues (3 units)

Psychology C170—Psychology of Aging (3units)

Sociology C120—Intro to Gerontology (3 units)

*6 units from*

F&N C175—Nutrition and Aging (2.0 units)

Gerontology C123—Activity Leadership (2.0 units)

Gerontology C124—Aging Policy (3.0 units)

Gerontology C130—Techniques of Working with Frail Elderly (3.0 units)

Gerontology C140—Aging in a Multicultural Society (3.0 units)

Gerontology C273—Careers in Gerontology: Field Practicum (3.0 units)

Gerontology C281-C284—Work Based Learning (1.0-4.0 units)

*Or other Gerontology courses*

Health C175—Health in Later Years (2.0 units)

Law C148—Elder Law (1.5 units)

Human Services C100—Introduction to Human Services (3.0 units)

Human Services/Counseling C101—Helping Theories and Applications (3.0 units)

Human Services/Counseling C102—Introduction to Crisis Prevention (3.0 units)

*Or other Human Services courses approved by the Gerontology Dept.*

**Total units = at least 18 units**

## Health and Fitness Major

The Health and Fitness major integrates courses that provide students with information related to physical fitness, health and quality of life. Topics include physical conditioning, food and nutrition and disease prevention and additional health related issues. Related majors for transfer include Physical Education, Health, and Kinesiology. Careers in the Health and Fitness field include Health and Fitness Specialist, Personal Trainer, Wellness Coach, Fitness Instructor and Health Educator.

### Requirements for the major:

*All courses must be completed with a grade of "C" or better.*

#### *Required core—10 units*

Food and Nutrition C170—Nutrition (3.0 units)

Health C100—Contemporary Health Issues (3.0 units)

PE C101—Personal Fitness and Wellness (1.0 unit)

PE C190—Physiology of Exercise (3.0 units)

PE C190L—Physiology/Exercise Lab (1.0 unit)

#### *8 units from*

Biology C170/C170L—Human Anatomy (4.0 units)

Biology C175/C175L—Human Physiology (4.0 units)

Biology C120—Biology of Aging (3.0 units)

Food and Nutrition C175—Nutrition and Aging (2.0 units)  
or other Nutrition courses;

Health C120—Creating Your Wellness Lifestyle (0.5-1.0 units)

Health C175—Health in the Later Years (2.0 units)  
or other Health courses;

Other PE courses

**Total units = at least 18 units**

## History Major

A major in History provides students with skills in historical research and analysis, a chronological understanding of the past, and factual knowledge of specific historical periods. Study yields an appreciation of U.S. history, as well as the histories of other people and cultures which enhances multicultural understanding in the workplace and everyday society. Historical study is advantageous in developing valuable career skills in research, writing, argumentation (interpersonal communication), and documentation. Such skills and knowledge prepare students for careers in education, law, government, business, management, public relations, writing, and research.

### Requirements for the major:

*All courses must be completed with a grade of "C" or better.*

History C160—World History to 1500 (3.0 units)

History C165—World History from 1500 (3.0 units)

History C170—U.S. History to 1876 (3.0 units)

History C175—U.S. History Since 1876 (3.0 units)

#### *Select two courses from:*

History C115—Latin American History and Culture (3.0 units)

History C120—Women in American History (3.0 units)

History C122—Latino History and Culture (3.0 units)

History C124—Southeast Asian History and Culture (3.0 units)

History C125—Modern Iraqi History and Culture (3.0 units)

History C128—History of Modern China (3.0 units)

History C146—History of Mexico (3.0 units)

History C150—History of California (3.0 units)

History C155—The American West (3.0 units)

History C180—Western Civilization to 1550 (3.0 units)

History C185—Western Civilization Since 1550 (3.0 units)

**Total units required = at least 18 units**

## Human Services Major

This major prepares students to work in the expanding field of human services, a growing profession in response to the human needs and problems in the 21st century. It provides a general background for work with families, children and adults and offers the student a pathway to pursue an associate or bachelor level degree. Individuals with a major in Human Services can enhance their professional helping skills, offering them greater work opportunities as social-service technicians, case management aides, mental health technicians, gerontology aides, special-education teacher aides, and residential managers. Additionally, police officers, firefighters, military counselors, and others dealing with the public will benefit from the program training. The major exposes the student to the most current thinking in the field, hands-on experience, and community networking.

### Requirements for the major:

*All courses must be completed with a grade of "C" or better.*

Human Services C100—Introduction to Human Services (3.0 units)

Human Services/Counseling C101—Helping Theories and Intervention Skills (3.0 units)

Human Services/Counseling C102—Introduction to Crisis Intervention (3.0 units)

Human Services C273—Practicum (3.0 units)

*6 units from the following courses:*

Anthropology C150—World Cultures (3.0 units)

Biology C120—Biology of Aging (3.0 units)

Counseling C100—Career/Life Planning (3.0 units)

Food & Nutrition C175—Nutrition and Aging (2.0 units)

Gerontology C120—Professional issues (3.0 units)

Gerontology C130—Techniques of Working w/ Frail Elderly (3.0 units)

Gerontology C140—Aging in a Multicultural Society (3.0 units)

Health C100—Health Education (3.0 units)

Health C175—Healthy Aging (2.0 units) Human Services C103—Stress Management (1.5 units)

Human Services C104—Treatment Issues in Substance Abuse (3.0 units)

Human Services C272—Practicum (3.0 units)

Psychology C100—Introduction to Psychology (3.0 units)

Psychology C115—Child Growth and Development (3.0 units)

Psychology C120—Abnormal Psychology (3.0 units)

Psychology C170—Psychology of Aging (3.0 units)

Sociology C100—Introduction to Sociology (3.0 units)

Sociology C110—Marriage and Family (3.0 units)

Sociology C120—Introduction to Gerontology (3.0 units)

Speech C100—Interpersonal Communication (3.0 units)

**Total units required = At least 18 units**

## Liberal Studies Major (for Teaching)

*All courses must be completed with a grade of "C" or better.*

*Complete one course in each area.*

A1 3 units—Oral Communication—Speech C110

A2 3 units—Written Communication—English C100

A3 3 units—Critical Thinking—English C102 or Philosophy 1C15

*Select at least one course from B1, one from B2, one from B3, and at least one from B4.*

B1 2 to 3 units -Survey of Chemistry and Physics—  
Chemistry C105, Physics C185  
Survey of Earth Science—Geology C100 and C101

B2 3 units—Introduction to Biology—Biology C100

B3 1 unit—Lab—Biology C101

B4 3 units—Math—Math C103, C104, C106

*Select at least one course from C1, one from C2, and one additional course from C1 or C2*

C1 3 units—Arts—Music C100 or Theater C100

C2 3 units—Literature—English C102 or C140 or C180  
(Will add new Amer. Lit and Brit Lit)  
Philosophy C100, C112, C120

*Take a US History course and an American Government course and at least one additional course from group D.*

D 3 units—American Government—Political Science C100

3 units—US History—History C170

*3 units from:*

World History—History C160

World Geography—Geography C100

California History—History C150

*Take one course in group E.*

E 3 units—Child and Adolescent Development—Psychology C115

*Additional Requirement—Take the following courses:*

6.5 units—Education C103, C104 and C200

**TOTAL UNITS FOR THE MAJOR—45.5—46.5**

*Electives—Take additional courses to complete at least 60 units. Select courses based on the program requirements at the University you would like to transfer to. See your counselor when selecting these courses.*

Suggested Electives—Education C180 and English C143

## Mathematics Major

Mathematics involves the study of numerical calculations, problem solving, logic, quantitative patterns, and more. Students pursuing a Math major take a variety of courses in the areas of algebra, geometry, calculus, mathematical reasoning, and differential equations. Students in mathematics programs can also branch out to several specializations, including teaching, computer science, statistics-mathematics, and bio-mathematics programs.

### Requirements for the major:

*All courses must be completed with a grade of “C” or better.*

Math C180—Calculus with Analytic Geometry 1 (5.0 units)

Math C185—Calculus with Analytic Geometry 2 (5.0 units)

Math C280—Calculus with Analytic Geometry 3 (5.0 units)

Math C285—Linear Algebra and Differential Equations (5.0 units)

**Total Units = 20 units**

## Psychology Major

Psychology begins with foundational information based on the theories and styles of thinking of dominantly influential psychological theorists such as Freud, Adler, Jung, and many others. Some more specified subjects of study include self-analysis, dream theory, free association, and transference theory. There is also a strong focus on correct medical procedure and the importance of the adherence to a strong code of ethics. Social and political influences on the field of psychology are also discussed.

### Requirements for the major:

*All courses must be completed with a grade of “C” or better.*

#### Required core:

Psychology C100—Introduction to Psychology (3.0 units)

Psychology C280—Introduction to Research Methods in Psychology (4.0 units)

Math C160—Introduction to Statistics (4.0 units)

#### 9 units from:

Psychology C115—Child Growth and Development (3.0 units)

Psychology C118—Transitions through the Life Span (3.0 units)

Psychology C120—Abnormal Psychology (3.0 units)

Psychology C130—Health Psychology (3.0 units)

Psychology C148—Principles of Human Sexual Behavior 1 (3.0 units)

Psychology C149—Principles of Human Sexual Behavior 2 (3.0 units)

Psychology C170—Psychology of Aging (3.0 units)

Psychology C250—Brain and Behavior (Psychobiology) (3.0 units)

**Total Units Required = At least 20 units**

## Sociology Major

Sociology is the study of social life and focuses on the interaction between human groups and institutions and their influences on each other. Sociology ranges from the study of relationships in family units in the most primitive cultures to the research of large bureaucratic institutions in major industrialized nations. Sociology also studies more tangible measures of human behavior such as class or social status, social movements, and criminal deviance.

### Requirements for the major:

*All courses must be completed with a grade of “C” or better.*

#### Required:

Sociology C100—Introduction to Sociology (3.0 units)

Math C160—Introduction to Statistic (4.0 units)

#### Select four courses from:

Anthropology C100—Cultural Anthropology (3.0 units)

Human Services C100—Introduction to Human Services (3.0 units)

Human Services C101—Helping Theories and Intervention Skills (3.0 units)

Human Services C102—Introduction to Crises Intervention (3.0 units)

Human Services C103—Introduction to Stress Management (1.5 units)

Human Services C104—Treatment Issues in Substance Abuse (3.0 units)

Management and Supervision C102— Human Relations (3.0 units)

Sociology C110—Marriage and Family (3.0 units)

Sociology C120—Introduction to Gerontology (3.0 units)

Sociology C130—Globalization and Social Change (3.0 units)

Foreign Language Course (2.5—5 units)

Students may elect to receive the Sociology major with a specialization in Criminal Justice by completing 12 units of Criminal Justice courses offered through distance learning contract/military education. Credits earned through military training and experience may satisfy this requirement. Students may also elect to obtain this specialization under the Certificate of Emergency Management/Homeland Security.

#### Option for Contract Education Only:

Criminal Justice C110—Criminal Investigation (3 units)

Criminal Justice C128—Criminal Procedure (3 units)

Criminal Justice C135—Introduction to Policing (3 units)

Criminal Justice C140—Introduction to Criminal Justice (3.0 units)

Criminal Justice C141—Criminal Law (3.0 units)

Criminal Justice C146—Written Communication for Criminal Justice (3 units)

Criminal Justice C148—Multi-cultural Studies in Criminal Justice (3.0 units)

**Total Units Required = 18.5—21 units**

## Spanish Major

The Spanish major helps develop advanced proficiency in Spanish and provides students with intercultural sophistication to function comfortably and effectively in a Spanish-speaking environment. This major covers several of the aspects of written (grammar, word usage) and spoken (pronunciation and conversational style) Spanish that students will need to work toward fluency. Proficiency in Spanish can open up careers in international trade and politics, or in helping other language communities in your area to receive full access to services and opportunities. Jobs open to language degree holders involve either interpretation (the spoken word) or translation (written documents).

### Requirements for the major:

*All courses must be completed with a grade of “C” or better.*

Spanish C180 (or C180A and C180B)—Elementary Spanish 1 (5.0 units)

Spanish C185 (or C185A and C185B)—Elementary Spanish 2 (5.0 units)

Spanish C280 (or C280A and C280B)—Intermediate Spanish 1 (4.0 units)

Spanish C285 (or C285A and C285B)—Intermediate Spanish 2 (4.0 units)

**Total units required = 18 units**

# Programs Summary

Coastline College Programs	Certificate of Achievement	Certificate of Accomplishment	Certificate of Specialization	AA Degree Major	AS Degree Major
<b>Accounting</b>					
Bookkeeping	X				X
General Accounting	X				X
Taxation	X				X
<b>American Studies</b>					
American Studies - Area of Emphasis				X	
<b>Biological and Physical Sciences (and Mathematics)</b>					
Science & Math - Area of Emphasis				X	
<b>Biological Laboratory Technology</b>					
Biological Laboratory Technician	X				
<b>Building Codes Technology</b>					
Building Codes Technology: Code Professional	X				X
Building Codes Technology: Combination Building Inspection	X				X
Building Codes Technology: Combination Residential Inspection	X				X
Building Codes Technology: Green Building Technology	X				X
Building Codes Technology: Permit Technician	X				X
<b>Business Administration</b>					
Business Administration - Major				X	
<b>Business</b>					
Business Administration	X				X
General Business	X				X
Human Resources Management	X				X
Marketing	X				X
<b>Business Management</b>					
Business Plan			X		
Home Business			X		
Management	X			X	
Retail Management	X			X	
Small Business Management	X			X	
Supply Chain Management	X			X	X
<b>Cognitive and Caregivers Boot Camp</b>					
Cognitive and Caregivers Boot Camp			X		
<b>Computer Networking</b>					
Cisco Certified Networking Administrator (CCNA)			X		
Cisco Certified Networking Professional (CCNP)			X		
CompTIA Computer Hardware			X		
CompTIA Computer Software			X		
Computer Networking: Cisco	X				X
Computer Networking: Microsoft	X				X
Computer Networking: Microsoft SharePoint Security	X				X
Computer Networking: Security	X				X
LINUX Administration			X		
Network Security Specialist			X		
Networking Tools			X		
SharePoint Server			X		
Windows Server 2008			X		
Windows Vista			X		
<b>Digital Media Foundations</b>					
Digital Media Foundations: Motion Graphic	X				
Digital Media Foundations: Print Design	X				
Digital Media Foundations: Web Design	X				
Digital Media Foundations: Web Technologies	X				
Digital Media: Animation and Gaming Foundation		X			
<b>Economics</b>					
Economics - Major				X	
<b>Educational Studies</b>					
Educational Studies		X			
<b>Electronics and Electric Technology</b>					
Electronics (Military/Contract Education ONLY)	X			X	
<b>Emergency Management/Homeland Security</b>					
Emergency Management/Homeland Security	X				X
Criminal Justice (Military/Contract Education ONLY)					
<b>English</b>					
English - Major				X	
<b>Fine Arts, General</b>					
Art - Major				X	
<b>French</b>					
French - Major				X	

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<b>Coastline College Programs</b>	<b>Certificate of Achievement</b>	<b>Certificate of Accomplishment</b>	<b>Certificate of Specialization</b>	<b>AA Degree Major</b>	<b>AS Degree Major</b>
Physical Education & Health - Area of Emphasis				X	
<b>Psychology, General</b>					
Psychology - Major				X	
<b>Real Estate</b>					
Real Estate Broker	X				
Real Estate Lending and Mortgage Brokering			X		
Real Estate Property Salesperson			X		
Real Estate Studies	X				
<b>Small Business and Entrepreneurship</b>					
Small Business Management	X				
<b>Supply Chain Management</b>					
Supply Chain Management	X			X	X
<b>Social and Behavioral Sciences</b>					
<b>Social and Behavioral Sciences - Area of Emphasis</b>				X	
<b>Sociology</b>					
Sociology - Major				X	
<b>Spanish</b>					
Spanish - Major				X	
<b>Transfer Studies</b>					
CSU General Education	X				
IGETC	X				
<b>Website Design and Development</b>					
Digital Media Foundations: Web Design	X				
Digital Media Foundations: Web Technologies	X				
<b>Geographic Information Systems (GIS)</b>					
Geographic Information Systems (GIS)			X		
<b>Gerontology</b>					
Gerontology - Major	X			X	
<b>Health Care Management</b>					
Health Care Management	X				pending state approval
<b>History</b>					
History - Major				X	
<b>Humanities</b>					
Communications - Major				X	
<b>Humanities and Fine Arts</b>					
Arts & Humanities - Major				X	
<b>Human Services</b>					
Human Services - Major		X		X	
<b>Leadership</b>					
Leadership		X			
<b>Liberal Studies (teaching preparation)</b>					
Liberal Studies (for teaching)				X	
<b>Management and Supervision</b>					
Management and Supervision	X			X	
<b>Mathematics, General</b>					
Mathematics - Major				X	
<b>Medical</b>					
Medical Administrative Office Technician		X			
Medical Coding Specialist		X			
<b>Office Technology/Office Computer Applications</b>					
General Office Assistant		X			
<b>Office Support Specialist</b>					
Administrative Manager	X				X
Administrative Professional (Assistant)	X				X
Financial Assistant	X				X
Financial Manager	X				X
General Office Manager	X				X
<b>Paralegal</b>					
Paralegal Studies	X			X	
<b>Process Technology</b>					
Process Technology	X			X	
Process Technician Fundamentals		X			
<b>Other Information Technology</b>					
Informatics	X			X	X
<b>Physical Education</b>					
Health & Fitness - Major				X	

# Certificates of Achievement

These Certificates of Achievement are all approved majors of 18 or more units and will be posted on the transcript. They may be used to meet the 18 unit major requirement for the A.A. or A.S. Degree.

## Certificates of Achievement: A.A. and/or A.S. Degrees

These Certificates of Achievement are all approved majors of 18 or more units and will be posted on the transcript. They may be used to meet the 18 unit major requirement for the A.A. or A.S. Degree.

### Accounting

- General Accounting
- Bookkeeping
- Taxation

### Building Codes Technology

- Combination Building Inspection
- Combination Residential Inspection
- Code Professional
- Permit Technician
- Green Building Technology

### Business

- General Business
- Human Resources Management
- Marketing
- Business Administration

### Computer Networking

- Cisco
- Microsoft®
- Security
- Microsoft® SharePoint Security

### Electronics (Contract Education only)

### Emergency Management/Homeland Security

- Emergency Management/Homeland Security
- Criminal Justice (Contract Education only)

### Gerontology

### Health Care Management

### Informatics

### Management

### Management & Supervision

### Office Support Specialist

- Administrative Professional (Assistant)
- General Office Manager
- Financial Assistant
- Financial Manager
- Administrative Manager

### Paralegal Studies

### Process Technology

### Retail Management

### Small Business Management

### Supply Chain Management

## Certificate of Achievements

These Certificates of Achievement are all approved majors of 18 units and will be posted on the transcript. They may be used as elective units towards the A.A. or A.S. degree.

### Biological Technology

- Biological Laboratory Technician

### Digital Media Foundation

- Motion Graphic Design
- Print Design
- Web Design
- Web Technologies

### Real Estate Broker

### Real Estate Studies

## Certificates of Accomplishment

These certificates of Accomplishment are 12 or more units. A Coastline certificate will be awarded, but only courses will be posted on the transcript.

### Digital Media

- Animation and Gaming Foundation

### Educational Studies

### General Office Assistant

### Human Services

### Leadership

### Medical Administrative Office Technician

### Medical Coding Specialist

### Process Technician Fundamentals

## Certificates of Specialization

These Certificates of Specialization are less than 12 units. A Coastline certificate will be awarded, but only the courses will be posted on the transcript.

### Business Plan

### Cisco Certified Networking Administrator (CCNA)

### Cisco Certified Networking Professional (CCNP)

### Cognitive & Caregivers Boot Camp

### CompTIA Computer Hardware

### CompTIA Computer Software

### Geographic Information Systems (GIS)

### Home Business

### LINUX Administration

### Network Security Specialist

### Networking Tools

### Real Estate Lending & Mortgage Brokering

### Real Estate Property Salesperson

### SharePoint Server

### Windows Server 2008

### Windows Vista

## Accounting

### Certificate of Achievement

The Accounting Certificate consists of three options that will prepare an individual for preparation in the accounting field as bookkeepers, junior accountants, or tax practitioners

#### Core Courses Required

#### Units

*(Students will complete all of the following classes)*

ACCT C100	Introduction to Accounting	3.0
ACCT C101	Financial Accounting	5.0
ACCT C102	Managerial Accounting	5.0
ACCT C106	Excel for Accounting	2.0
ACCT C107	Accounting with QuickBooks	2.0
ACCT C112	Intermediate Accounting 1	3.0

**Subtotal ..... 20.0**

*And Choose any concentration from below:*

#### Concentration in General Accounting

*Choose 2 of the following courses:* *Units*

ACCT C103	Individual Taxation	3.0
ACCT C283-284	Work Based Learning	3.0-4.0
BUS C100	Introduction to Business	3.0
BUS C120	Personal Financial Planning	3.0
ENG C103	Business English	3.0

**Total elective units ..... 6.0**

**Total certificate units (Core + Concentration) ..... 26.0**

#### Concentration in Bookkeeping

*Choose 2 of the following courses:* *Units*

ACCT C283-C284	Work Based Learning	3.0-4.0
BUS C100	Introduction to the New Economy	3.0
BUS COMP C147	MS Word Beginning	1.5
BUS COMP C175	MS Access, Level 1	1.5
COMP SCI C100	Introduction to Business Information Systems	3.0
ENG C103	Business English	3.0

**Total elective units ..... 6.0**

**Total certificate units (Cores+ Concentration)..... 26.0**

#### Concentration in Taxation

*Choose 2 of the following courses:* *Units*

ACCT C103	Individual Taxation	3.0
ACCT C104	Business Taxation	4.0
ACCT C283-C284	Work Based Learning	3.0-4.0
BUS C120	Personal Financial Planning	3.0

**Total elective units ..... 6.0**

**Total certificate units (Core + concentration).... 26.0-27.0**

## Building Codes Technology

### Certificate of Achievement

The Building Codes Technology Certificate Program consists of five concentrations which focuses on both commercial and residential building code coursework for individuals employed either in the inspection field or the construction industry or for those new to the industry. Coastline's Building Code courses are designed to help prepare individuals for jobs as either: Combination Building Inspector, Combination Residential Inspector, Code Professional, or as a Permit Technician. This certificate meets Education requirements for state certification and can help prepare students for the International Code Council (ICC) certification exams.

#### Core Courses Required

#### Units

*(Students will complete all of the following classes)*

BCT C250	Introduction to Building Codes Technology	3.0
BCT C300	Introduction to International Building Code	3.0
BCT C302	California Administrative Code (Title 24)	3.0
BCT C303	Non-Structural Provisions of Building Code	3.0
BCT C305	Framing Requirements of Building Code	3.0

**Subtotal ..... 15.0**

*And Choose any concentration from below:*

#### Concentration in Combination Building Inspection

*Choose 4 of the following* *Units*

BCT C283	Work Based Learning	3.0
BCT C304	Concrete Code	3.0
BCT C306	Electrical Code	3.0
BCT C307	Mechanical Code	3.0
BCT C308	Plumbing Code	3.0
BCT C314	Green Building Codes	3.0

**Total elective units 12.0 .....**

**Total certificate units: Core + concentration ..... 27.0**

#### Concentration in Combination Residential Inspection

*Choose 4 of the following courses* *Units*

BCT C301	Residential/Commercial Blueprint Reading	3.0
BCT C304	Concrete Code	3.0
BCT C311	International Residential Code	3.0

*AND (Choose ONLY one course, either BCT 306, 307, or 308)*

BCT C306	Electrical Code	3.0
BCT C307	Mechanical Code	3.0
BCT C308	Plumbing Code	3.0
BCT C283	Work Based Learning	3.0

**Total elective units ..... 12.0**

**Total certificate units: Core + concentration ..... 27.0**

### Concentration in Code Professional

Choose 4 of the following courses Units

BCT C290	Building Permit Technicians and Counter Operations	3.0
BCT C304	Concrete Code	3.0
BCT C306	Electrical Code	3.0
BCT C307	Mechanical Code	3.0
BCT C308	Plumbing Code	3.0
BCT C311	International Residential Code	3.0
BCT C316	Masonry Code	3.0
BCT C283	Work Based Learning	3.0

**Total elective units** ..... 12.0

**Total certificate units: Core + concentration** ..... 27.0

### Concentration in Permit Technician

Choose 4 of the following courses Units

BCT C290	Fundamentals of Building Permit Technicians	3.0
BCT C301	Residential/Commercial Blueprint Reading	3.0
BCT C311	International Residential Code	3.0

AND (Choose ONLY one course, either BCT 306, 307, or 308)

BCT C306	Electrical Code	3.0
BCT C307	Mechanical Code	3.0
BCT C308	Plumbing Code	3.0
BCT C283	Work Based Learning	3.0

**Total elective units** ..... 12.0

**Total certificate units:**  
**Core + concentration** ..... 27.0

### Concentration in Green Building Technology

**Required Courses for this certificate** Units

BCT C251	Introduction to Green Building	3.0
BCT C314	Green Building Code	3.0

AND (Choose 2 of the following courses 6.0 Units)

BCT C306	Electrical Code	3.0
BCT C307	Mechanical Code	3.0
BCT C308	Plumbing Code	3.0
BCT C283	Work Based Learning	3.0

**Total elective units** ..... 12.0

**Total certificate units: Core + concentration** ..... 27.0

### Business

#### Certificate of Achievement

The Business Certificate consists of four concentrations that will prepare an individual to have an understanding of business practices and provides students with the opportunity to select specific courses to meet their professional or personal business goals. The four concentrations will provide entry-level professionals with knowledge and skills to work in a variety of business environments.

**Core Courses Required** Units

(Students will complete all of the following classes)

BUS C100	Introduction to Business	3.0
BUS C110	Legal Environment of Business	3.0
BUS C150	Introduction to Marketing	3.0
MS C100	Organization and Management	3.0

**Subtotal** ..... 12.0

And Choose any concentration from below:

**Concentration in General Business** Units

Choose 3 of the following courses:

ACCT C100	Introduction to Accounting	3.0
CIS C111	Introduction to Information Systems and Programming	4.0
CIS C100	Introduction to Information Systems	3.0
BUS C120	Personal Financial Planning	3.0
BUS C222	Small Business Operation/Management	3.0
MS C104	Human Resource Management	3.0
PHIL C115	Logic and Critical Thinking	3.0
PHIL C120	Ethics	3.0
BUS C 281-284	Work-Based Learning	1.0-4.0

**Total elective units** ..... 9.0-10.0

**Total certificate units (Core + concentration).... 21.0-22.0**

**Concentration in Human Resources Management** Units

Choose 3 of the following courses:

BUS C130	E-Commerce	3.0
BUS C222	Small Business Operation/Management	3.0
CIS C100	Introduction to Information Systems	3.0
MS C101	Management/Employee Communication	3.0
MS C102	Human Relations	3.0
MS C104	Human Resource Management	3.0
MS C283-284	Work Based Learning	3.0-4.0

**Total elective units** ..... 9.0-10.0

**Total certificate units (Core + concentration).... 21.0-22.0**

### Concentration in Marketing

Units

Choose 3 of the following courses:

BC C115	Customer Service: Soft Skills	1.5
BUS C130	E-Commerce	3.0
BUS C222	Small Business Operation/Management	3.0
CIS C100	Introduction to Information Systems	3.0
COMM C100	Introduction to Mass Communications	3.0
MS C101	Management/Employee Communication	3.0
MS C120	Introduction to Successful Selling	3.0
MS C170	Customer Relations Services	1.5
MS C283-284	Work Based Learning	3.0-4.0

Total elective units .....9.0-10.0

Total certificate units (Core + concentration)....21.0-22.0

### Concentration in Business Administration

Units

Choose 3 of the following courses:

ACCT C100	Introduction to Accounting	3.0
BUS C130	E-Commerce	3.0
BUS C222	Small Business Operation/Management	3.0
CIS C100	Introduction to Information Systems	3.0
ECON C180	Principles of Economics-Macro	3.0
ECON C185	Principles of Economics-Micro	3.0
MS C101	Management/Employee Communication	3.0
MS C104	Human Resource Management	3.0
MS C120	Introduction to Successful Selling	3.0
MS C283-284	Work Based Learning	3.0-4.0

Total elective units .....9.0-10.0

Total certificate units (Core + concentration)....21.0-22.0

## Computer Networking

### Certificate of Achievement

The Computer Networking Certificate consists of four concentrations that prepare an individual to become a Computer Networking Specialist in a Cisco, Microsoft, Security, or SharePoint Security. Coastline's Networking courses are designed to provide students with the knowledge and hands-on experience required by Microsoft Certified Systems Administrator (MCSA), Microsoft Certified Systems Engineer (MCSE), Microsoft Certified Technology Specialist (MCTS), Cisco Certified Network Administrator (CCNA), Cisco Certified Network Professional (CCNP), and Security Administrator or Consultant Certificates.

### Core Courses Required ..... Units

CST C115	Command Line/Scripting	1.5
CST C116	A + Essentials Hardware	3.0
CST C128	Network +/-Introduction to Networking	3.0
CST C160	Windows XP Professional	3.0
CST C191	CompTIA Linux	3.0
CST C201	Cisco Fundamentals/CCNA 1	3.0
CST C230	Security Essentials	3.0

Subtotal ..... 19.5

And Choose any concentration from below:

### Concentration in Cisco

Units

Choose 3 of the following courses:

CST C202	Cisco Router Configuration/CCNA 2	3.0
CST C203	Cisco Switching/CCNA 3	3.0
CST C204	Cisco WAN Configuration/CCNA 4	3.0

Total elective units ..... 9.0

Total certificate units (core + concentration)..... 28.5

### Concentration in Microsoft

Units

Choose 3 of the following courses:

CST C161	Installing and Configuring Microsoft Vista OS	3.0
CST C165	Managing and Maintaining a MS Windows Server 2003	3.0
CST C172	MS SQL Server	3.0
CST C173	MS Exchange	3.0
CST C174	Managing and Maintaining a MS Windows	3.0

Total elective units ..... 9.0

Total certificate units (core + concentration)..... 28.5

### Concentration in Security

Units

Choose 3 of the following courses:

BC C160	Introduction to Geographic Information Systems	3.0
CST C232	Ethical Hacking	3.0
CST C248	Certified Wireless Network Administrator	3.0
CST C253	Cisco ASA, PIX, and Network Security	3.0
CST C258	Linux Networking and Security	3.0

Total elective units ..... 9.0

Total certificate units (core + concentration)..... 28.5

### Concentration in Microsoft

#### SharePoint Security

Units

CST C161	Installing and Configuring MS Vista OS	3.0
CST C165	Managing and Maintaining a MS Windows Server 2003	3.0
CST C176	Designing Security for Microsoft Servers	1.5
CST C179	Implementing Microsoft Office SharePoint Server 2007	1.5

Total elective units ..... 9.0

Total certificate units (core + concentration)..... 28.5

## Emergency Management / Homeland Security

### Certificate of Achievement

This certificate will provide a basic understanding of the field of emergency management and homeland security for personnel in both the public and private sectors. The training will include current NIMS-SEMS-ICS requirements, as well as hands-on practical exercises that integrate all aspects of the emergency preparedness, mitigation, response, and recovery processes. Students will gain an understanding of the functions of an Emergency Operations Center and its various components, and its relationship to other emergency management organizations. An area of concentration is designed in criminal justice studies for those who seek to apply legal, investigative and policing concepts to the emergency management/homeland security field.

Core Courses Required		Units
EMGT C101	Introduction to Emergency Management	3.0
EMGT C102	Introduction to Homeland Security	3.0
EMGT C105	Emergency Preparedness	3.0
EMGT C110	Emergency Response	3.0
EMGT C120	Disaster Recovery	3.0
EMGT C130	Hazard Mitigation	3.0
<b>Subtotal .....</b>		<b>18.0</b>

And Choose any concentration from below:

### Concentration in General Emergency Management/Homeland Security

Choose 2 of the following courses:

EMGT C140	Crisis Response	3.0
EMGT C150	Crisis Management of Special Populations	3.0
EMGT C160	Introduction to Public Information Officer	3.0
CIS C190	Intro. to Geographic Information Systems	3.0
CIS C191	Inter. Geographic Information Systems	3.0

**Total elective units .....** 6.0

**Total certificate units (Core + concentration).....** 24.0

### Concentration in Criminal Justice

Students may elect to receive the concentration in Criminal Justice by completing 12 units of Criminal Justice courses offered through distance learning contract/military education. Credits earned through military training and experience may satisfy this requirement. Students may also elect to obtain a Sociology Major with a specialization in Criminal Justice.

Choose 2 of the following courses:

CJ C110	Criminal Investigation	3.0
CJ C128	Criminal Procedure	3.0
CJ C135	Introduction to Policing	3.0
CJ C140	Introduction to Criminal Justice	3.0
CJ C141	Criminal Law	3.0
CJ C146	Written Communications in Criminal Justice	3.0
CJ C148	Multi-cultural Studies in Criminal Justice	3.0

**Subtotal .....** 6.0

**Total certificate units (Core + concentration).....** 24.0

## Gerontology

### Certificate of Achievement

Gerontology, the interdisciplinary study of aging, offers students an understanding of their own aging and of society's response to the increasing population of older people. Biological, psychological and sociological aspects of aging are explored. Gerontology coursework will provide information about the aging process and training to work in services and agencies that interact with older people.

Students have the option of completing the certificate in gerontology or the A.A. degree. The certificate offers training to two groups of individuals; those seeking new careers in gerontology and those who wish to advance their present careers by adding professional gerontology education and training components to their qualifications. Courses for the certificate requirements can be completed on-line. A variety of classroom based courses are also available each semester

### REQUIRED COURSES – 12 units

Select a minimum of 12 units among the following:

		Units
BIOL C120	Biology of Aging	3.0
PSYCH C170	Psychology of Aging	3.0
SOC C120	Introduction to Gerontology	3.0
GERON C120	Professional Issues in Gerontology	3.0

All 12 units of core courses above count toward the certificate, CSU breadth requirements, help you transfer with an emphasis in Gerontology.\*

Select a minimum of 2 units of the following **elective** courses:

F&N C175	Nutrition and Aging	2.0
GERON C123	Activity Director Certificate	2.0
GERON C124	Aging Policy	3.0
GERON C130	Techniques of Working with Frail Elderly	3.0
GERON C190-195	Aging Issues	0.5-3.0
HLTH C175	Healthy Aging	3.0
Law C142	Probate Administration/Estate Planning	3.0
Law C148	Elder Law	1.5

### FIELD COURSES

Select a minimum of 3 units of the following **Field experience** courses:

GERON C273	Career in Gerontology: Field Practicum	3.0
GERON C281-C284	Work Based Learning	

**Maximum 6 elective units for total Work Based** 1-4 units

Choose FROM THE COURSES ABOVE OR OTHER ELECTIVES FOR ADDITIONAL UNITS THAT COMPLETE THE CERTIFICATE.

**ADDITIONAL REQUIREMENTS:** Students must obtain a current American Red Cross Standard First Aid/CPR Card.

\*For information about the Coastline College/Cal State Fullerton degree partnership in human services and gerontology call (714) 241-2613 at Coastline College or Human Services Office, CSUF, (714) 278-2255.

## Health Care Management

### Certificate of Achievement

The Health Care Management Certificate is designed for the health care practitioner who is considering climbing the health care management ladder. Healthcare is one of today's most dynamic and growing fields. It is the largest industry in the U.S., and the second largest employer, with more than 11 million jobs, presenting a wide range of management opportunities and challenges. Courses in this certificate will assist the student in exploring the management field and provide them with the knowledge and information to pique their interest and consider upward mobility in the health care industry. This program is designed to help office, administrative and support staff in the medical field to consider advancing to management positions. The program prepares students for transfer into bachelors programs in Health Care Administration, Business, Organizational Behavior, Management, and Leadership fields.

#### REQUIRED CORE COURSES

		Units
HLTH C121	Introduction to Healthcare Management	3.0
LAW C126	Legal Aspects of Health Care	3.0
MS C100	Organization and Management	3.0
MS C101	Management and Employee Communications	3.0
MS C104	Human Resources Management	3.0
<b>Subtotal</b>		<b>15.0</b>

#### PROGRAM ELECTIVES

Choose 9.0 units from the following

ACCT C100	Introduction to Accounting	3.0
BIOL C104	Medical Terminology for Health Professionals	3.0
BC C145	Medical Administrative Assistant	3.0
BIOL C105	Introduction to Anatomy and Physiology	3.0
BIOL C200	Pharmacology	3.0
BUS C100	Introduction to Business	3.0
BUS C007	Business Math	3.0
BUS C281-284	Work Based Learning	1.0-4.0
CIS C100	Introduction to Information Systems	3.0
ECON C185	Principles of Economics (Micro)	3.0
MATH C160	Introduction to Statistics	4.0
MS C102	Human Relations	3.0

**Total certificate units..... 24.0-25.0**

## Informatics

### Certificate of Achievement

Informatics is uniquely focused on computers and people. This program is designed for students interested in the design and implementation of software and information systems that help users work more effectively. It has strong emphasis on the technical design and implementation of software and information systems. Students will learn how to design, build, and analyze actual systems that are used in industry.

#### FIRST YEAR

		Units
Informatics C102	Concepts in Programming Languages II	3.0
Informatics C141	Informatics Core I	4.0
Informatics C142	Informatics Core II	4.0
Informatics C143	Informatics Core III	4.0
ICS 123	Fundamental Data Structures	3.0
ICS 141	Concepts in Programming Languages I	3.0

**Total First Year..... 21.0**

#### SECOND YEAR

Informatic C111	Software Methods and Tools	3.0
Informatic C113	Requirements analysis and Engineering	3.0
Informatic C115	Software Specification & Quality Engineering	3.0
Informatic C121	Software Design I	3.0
Informatic C131	Human-Computer Interaction	3.0
Informatic C132	Project in Human Computer Interaction	3.0

**Total certificate units ..... 39.0**

## Management and Supervision

### Certificate of Achievement

#### Management

The Management Certificate program provides a broad introduction to business management.

<b>REQUIRED CORE COURSES</b>		<b>Units</b>
BUS C100	Introduction to Business	3.0
BUS C110	Legal Environment of Business	3.0
BUS C150	Introduction to Marketing	3.0
BUS C120	Personal Financial Planning	3.0
MS C102	Human Relations	3.0
<b>Total units .....</b>		<b>15.0</b>

#### PROGRAM ELECTIVES

*Choose 3 Courses*

ACCT C100	Introduction to Accounting	3.0
ACCT C101	Financial Accounting*	5.0
ACCT C102	Managerial Accounting*	5.0
BUS C101	Project Management	3.0
BUS C130	E-Commerce	3.0
BUS C222	Small Business Operation and Management	3.0
MS C101	Management/Employee Communication	3.0
MS C104	Human Resource Management	3.0
ECON C180	Principles of Economics (Macro)*	3.0
ECON C185	Principles of Economics (Micro)*	3.0
PHIL C140	Business Ethics	3.0
SPCH C110	Public Speaking	3.0
Any computer classes		1.0-5.0
MS C283-C284	Co-op Work Experience	3.0-4.0
<b>Total elective units .....</b>		<b>9.0-11.0</b>
<b>Total certificate units.....</b>		<b>24.0-26.0</b>

\*These courses are recommended for transfer students majoring in business areas.

## Management and Supervision

### Certificate of Achievement

#### Supervision and Management

The Management and Supervision Certificate consists of classes that will prepare an individual to have an understanding of sound supervisory skills to help them succeed in their professional and personal business goals.

<b>REQUIRED CORE COURSES</b>		<b>Units</b>
MS C100	Organization and Management	3.0
MS C102	Human Relations	3.0
MS C104	Human Resource Management	3.0
<b>Subtotal .....</b>		<b>9.0</b>

#### PROGRAM ELECTIVES

*Choose 12.0 Units from the following:*

BUS C100	Introduction to Business	3.0
BUS C110	Legal Environment of Business	3.0
BUS C120	Personal Financial Planning	3.0
BUS C150	Introduction to Marketing	3.0
BUS C222	Small business Operation and Management	3.0
BUS C281-284	Work Based Learning	1.0-4.0
CIS C100	Introduction to Information Systems	3.0
LEADE C140	Leadership Development	3.0
SPCH C100	Interpersonal Communication	3.0
<b>Total certificate units (Core + Concentration) .....</b>		<b>21.0</b>

## Office Support Specialist

### Certificate of Achievement

An online and hands-on program consists of six concentrations and is designed to prepare students to work in an office environment. Each concentration utilizes a solid core consisting of keyboarding, computing, and office procedures. Upon completing core, there is a concentration to specialize in an area of office support such as clerical, general office, and financial.

#### Core Courses Required Units

*(Students will complete all of the following classes)*

BC C104	Windows	1.5
BC C107	Keyboarding 1	1.5
BC C108	Data Entry	1.5
BC C112	Office Organization	3.0
BC C150	Microsoft Office Professional 1	3.0
ENGL C135	Business Writing OR	
ENGL C136	Business Communication	3.0

**Subtotal** ..... 13.5

*And choose any concentration from below:*

#### Concentration in Administrative Professional (Assistant) Units

*Choose 9.0 Units from the following:*

BC C107B	Keyboarding/Formatting Documents	1.5
BC C109	Keyboarding Speed and Accuracy	1.0
BC C115	Customer Service: Soft Skills	1.5
BC C147	Beginning Microsoft Word	2.0
ENGL C103	Business English	3.0
BC C281-284	Work Based Learning	1.0-4.0

**Total elective units** ..... 9.0

**Total certificate units (Core + concentration)**..... 22.5

#### Concentration in General Office Manager Units

*Choose 9.0 Units from the following:*

BC C120	Excel 1 OR	1.5
BC C175	Access 1 (1.5)	
BC C121	Excel 2 OR	1.5
BC C176	Access 2 (1.5)	
ACCT C100	Introduction to Accounting OR	3.0
BC C123	Introduction to Quick Books (3)	
ENGL C103	Business English	3.0
BC C281-284	Work Based Learning	1.0-4.0

**Total elective units** ..... 9.0

**Total certificate units (Core + concentration)**..... 22.5

#### Concentration in Financial Assistant Units

*Choose 9.0 Units from the following:*

ACCT C100	Introduction to Accounting	3.0
BC C107B	Keyboarding/formatting Documents	1.5
BC C120	Excel 1	1.5
BC C121	Excel 2 OR	1.5
BC C175	Access (1.5)	
BC C147	Beginning Microsoft Word	2.0
BC C281-283	Work Based Learning	1.0-3.0

**Total elective units** ..... 9.0

**Total certificate units (Core + concentration)**..... 22.5

#### Concentration in Financial Manager Units

*Choose 10.0 Units from the following:*

ACCT C101	Financial Accounting	5.0
BC C120	Excel 1	1.5
BC C121	Excel 2	1.5
BC C123	Quick Books	3.0
BC C281-283	Work Based Learning	1.0-3.0

**Total elective units** ..... 10.0

**Total certificate units (Core + concentration)**..... 23.5

#### Concentration in Administrative Manager Units

*Choose 9 Units from the following:*

BC C120	Excel 1 OR	1.5
BC C175	Access 1	1.5
BC C121	Excel 2 OR	1.5
BC C176	Access 2	1.5
CIS C100	Introduction to Information Systems	3.0
MS C100	Organization & Management	3.0
MS C102	Human Relations	3.0
MS C104	Human Resource Management	3.0
BC C283-284	Work Based Learning	1.0-3.0

**Total certificate units**..... 9.0

**Total certificate units (Core + concentration)** ..... 22.5

## Paralegal Studies - Paralegal Associate Degree

The American Bar Association (ABA) approves Coastline's Paralegal Studies Program. The Paralegal Program prepares personnel for the intermediary position between the legal secretary and the attorney, performing work under the supervision of an attorney. Paralegals work in law offices and other legal and law related environments and many interact with clients. This is not a pre-law program and is not designed to prepare the student to become an attorney.

Students who do not already possess an associate in arts or bachelor degree from a regionally accredited college or university **must** complete an A.A. degree (60 units) as specified below. These requirements are in compliance with the ABA Guidelines for paralegal programs. Paralegal studies course work taken at other institutions, if approved by the paralegal studies department, can be applied in partial fulfillment of these requirements. Paralegal studies courses taken for other than a letter grade are limited to 9 units within the 27 unit total. 14 units of paralegal course work must be completed at Coastline. (Credit by examination applications require approval by the paralegal department and faculty. Practical assignments and projects in addition to regular course examinations will be required for any course approved for challenge.) Upon completion of this program, students will be awarded an associate in arts degree and a certificate of achievement in paralegal studies approved by the American Bar Association.

Students are required to attend a paralegal orientation or a counseling session and complete the English and Math Placement Testing and Group A General Education requirements prior to entering LAW C105, LAW C118, LAW C120, LAW C390 and/or any major elective with a "LAW" designation. The remaining general education units are to be completed concurrently with the remaining paralegal courses. Students **must** achieve a grade point average of 2.0 or higher in each paralegal studies course. Students possessing a transferable associate in arts or bachelor degree from a regionally accredited college or university, with official transcripts on file at Coastline, will be awarded a certificate of achievement approved by the American Bar Association upon completion of the 27 units of required paralegal courses. All students are required to demonstrate computer\* proficiency (see below).

<b>REQUIRED PARALEGAL COURSES</b>		<b>Units</b>
LAW C100	Intro to Paralegal Studies	3.0
LAW C127	Legal Procedure 1	3.0
LAW C128	Legal Procedure 2	3.0
LAW C105	Civil Litigation 1	3.0
LAW C118	Legal Analysis & Briefing	3.0
LAW C120	Legal Research	3.0
LAW C122	Computer Assisted Research	1.0
LAW C390AB	Legal Clinic Practicum/Ethics	2.0
To be selected from Electives below		6.0
<b>Paralegal Courses Subtotal .....</b>		<b>27.0</b>

### PROGRAM ELECTIVES

LAW C110 Civil Litigation 2	1.5
LAW C115 Criminal Litigation	1.5
LAW C130 Law Office Management	1.5
LAW C135 Family Law	1.5
LAW C142 Probate/Estate Planning	3.0
LAW C148 Elder Law	1.5
LAW C150 Corporate/Business Organization	3.0
LAW C152 Conflict Analysis and Resolution	3.0
LAW C155 Bankruptcy Law and Procedures	3.0
LAW C158 Intellectual Property	3.0
LAW C160 Civil Trial & Evidence	1.5
LAW C161 Tort Law	3.0
LAW C164 Contract Law	3.0
LAW C165 Contract and Tort Law	3.0
LAW C170 Computer Applications	3.0

### GENERAL EDUCATION, Paralegal Program

Students are required to complete at least 18 units in courses numbered C100-C299 listed in Groups A to D. (Course work in Group A2 is limited to ENGLISH C100. Course work in Group C1 is limited to ART C100, C101 and /or MUSIC C100. All course work in C2 is acceptable.) In addition, 3 units in Group E are required. Students can meet the general education requirements under Options 1, II, or III A.A. degree academic plans.

**General Education Subtotal .....** 21.0

### ELECTIVES

\*Computer proficiency may be demonstrated by the satisfactory completion of LAW C170, BUSINESS COMPUTING C148 and ENGLISH C108; by completion of similar courses; by transfer credit course work; by workplace substantiation; by Microsoft Certification; or, by other computer industry certification.

**\*\*Electives Subtotal .....** 12.0

**TOTAL UNITS for A.A. degree program .....** 60.0

*\*\*Work Based Learning courses only apply to these elective units and are not a part of the paralegal studies courses. Earn credit for work you do on the job.*

## PROCESS TECHNOLOGY

### Process Technician

#### Certificate of Achievement

The courses offered to obtain this certificate will give the students the basic skills needed to obtain a position as a Processing Technician within a variety of industrial fields. Process technology involves every aspect of chemical processing: extracting and refining chemicals such as oil and natural gas, refining and monitoring them.

#### REQUIRED COURSES

		Units
PTEC C110	Introduction to Process Technology	3.0
PTEC C111	Safety, Health and Environment	3.0
PTEC C112	Quality Management	1.5
PTEC C113	Process Control I: Equipment	3.0
PTEC C114	Process Control II: Systems	3.0
PTEC C115	Process Control III: Operations	3.0
PTEC C116	Instrumentation I	3.0
PTEC C117	Instrumentation II	3.0
CIS C100	Intro to Information Systems	3.0

**Total certificate units..... 25.5**

### Retail Management

#### Certificate of Achievement

This program is approved by the Western Association of Food Chains, and persons completing the prescribed courses are eligible to receive both the CCC Certificate of Achievement and the WAFC Retail Management Certificate.

The WAFC Retail Management Certificate is a specially recognized program designed to prepare individuals for the fast-paced retail industry. This program is also intended to help students develop an understanding of the retail manager's job and the requirements for success in the retail environment.

#### REQUIRED COURSES

		Units
ACCT C100	Introduction to Accounting	3.0
BC C100	Introduction to Computers	3.0
BUS C150	Marketing in the New Economy	3.0
BUS C222	Small Business Operation & Management	3.0
ENG C103	Business English	3.0
MS C100	Organization and Management	3.0
MS C102	Human Relations	3.0
MS C104	Human Resource Management	3.0
MATH C007	Business Mathematics	3.0
SPCH C100	Interpersonal Communication	3.0

**Total certificate units..... 30.0**

## Small Business Management

### Certificate of Achievement

The small business sector is one of the fastest growing in the nation's economy. With an ever-increasing number of adults today self-employed, many people either work for a small business or plan to start one of their own. Coastline's entrepreneurship program can help prospective entrepreneurs launch new ventures or, if you are an entrepreneur who already has your business established, you can strengthen your managerial and business skills to grow your business.

You will learn the fundamentals of starting and operating your own business. The program includes basic business skills as well as specific courses in starting and managing a business. Course work covers evaluating a business opportunity, preparing a business plan, planning advertising and sales promotions, marketing a product or service, and financial management for the entrepreneurial company.

#### REQUIRED COURSES

*(Students will complete all of the following classes)*

		Units
BUS C150	Introduction to Marketing	3.0
BUS C170	Small Business Finance	3.0
BUS C180	Small Business Plan	2.0
BUS C222	Small Business Operation/Management	3.0

**Total Required Course Units ..... 11.0**

#### ELECTIVE COURSES

*(Students will select one of the following classes) 3.0 Units*

MS C100	Organization/Management	3.0
MS C102	Human Relations	3.0
MS C104	Human Resource Management	3.0

*(Students will select two of the following classes) 6.0 Units*

BUS C100	Introduction to Business	3.0
BUS C110	Legal Environment of Business	3.0
BUS C120	Personal Financial Planning	3.0
BUS C130	E-Commerce	3.0

**Total elective Course Units ..... 9.0**

**Total certificate units..... 20.0**

## Supply Chain Management

### Certificate of Achievement

The courses offered to obtain this certificate will give the students the basic skills needed to obtain a position as a Procurement or Operations Clerk within a variety of logistics organizations. Supply Chain Management involves every aspect of purchasing, transportation, storage and distribution of goods from manufacturers to consumers.

<b>REQUIRED COURSES .....</b>		<b>Units</b>
MS C100	Organization and Management	3.0
MS C102	Human Relations	3.0
MS C104	Human Resource Management	3.0
SM C101	Principles of Supply Chain Management	3.0
SM C102	Supply Chain Operations	3.0
<b>Subtotal .....</b>		<b>15.0</b>

*Choose 6.0 Units from the following:*

ACCTC100	Introduction to Accounting	3.0
BUS C007	Business Mathematics	3.0
BUS C100	Introduction to Business	3.0
BUS C150	Introduction to Marketing	3.0
BUS C222	Small Business Operation and Management	3.0
BUS C281-284	Work Based Learning	1.0-4.0
BC C112	Office Organization	3.0
CIS C100	Introduction to Information Systems	3.0
MS C101	Management / Employee Communication	3.0
SM C104	Purchasing and Procurement	3.0
SM C204	Supply Chain Logistics Management	3.0

**Total elective course units..... 6.0**

**Total certificate units (Core + Concentration) ..... 21.0**

# Certificate of Achievement

These Certificates are 12 or more units and will be posted on the transcript. They may be used as elective units towards the A.A. or A.S. Degrees.

## Biological Technology

### Certificate of Achievement

#### Biological Laboratory Technician

Biological laboratory technicians are employed in research and development laboratories and process development laboratories. Biological laboratory technicians can be expected to maintain equipment, maintain media stocks, and assist scientists in research projects or developing quality control process. They must demonstrate good laboratory practices, good communication skills, and be computer literate. They must be able to work both independently and in a team, keep good records, and present projects results in a group or company meetings.

#### REQUIRED COURSES

		Units
CHEM C110	Introduction to Chemistry	5.0
CHEM C180	General Chemistry	4.0
CHEM C180L	General Chemistry Lab	1.0
BIOL C100	Introduction to Biology	3.0
BIOL C101	Introduction to Biology Lab	1.0
BIO TECH C100	Introduction to Biological Technology Skills	4.0
BIO TECH C105	Biological Technology Skills II	4.0
BIO TECH C110	Overview of Quality Assurance	3.0
<b>Total units</b> .....		<b>25.0</b>

## Digital Media Foundation

### Certificate of Achievement

#### Motion Graphic Design

Completion of the Digital Media Foundation Certificate will prepare students for entry-level employment in print, graphic design, multimedia, animation/gaming, web design, and/or other related occupations. Students will establish a strong foundation in both the technical and artistic aspects of the digital industry

The program will emphasize the production process, creativity, problem solving, design skills, project management, and teamwork. Three specialty areas have been established to meet the diverse needs of Southern California residents and workers: Print Design, Web Design, and Digital Video.

#### REQUIRED COURSES

		18.0
ART C110	Color and Design	3.0
BC C171	Web Design/XHTML	3.0
DGA C116A	Adobe Photoshop 1	3.0
DGA C118A	Introduction to Adobe Illustrator	3.0
DGA C166A	Dreamweaver Basics	3.0
DGA C166C	Flash Basics	3.0
DGA C116B	Adobe Photoshop 2	3.0
DGA C118B	Adobe Illustrator 2	3.0
DGA C121	Adobe Premiere	3.0
DGA C122	After Effects	3.0

**Total certificate units**..... **30.0 Units**

## Digital Media Foundation

### Certificate of Achievement

#### Print Design

Completion of the Digital Media Foundation Certificate will prepare students for entry-level employment in print, graphic design, multimedia, animation/gaming, web design, and/or other related occupations. Students will establish a strong foundation in both the technical and artistic aspects of the digital industry

The program will emphasize the production process, creativity, problem solving, design skills, project management, and teamwork. Three specialty areas have been established to meet the diverse needs of Southern California residents and workers: Print Design, Web Design, and Digital Video.

<b>REQUIRED COURSES</b>		<b>18.0</b>
ART C110	Color and Design	3.0
BC C171	Web Design/XHTML	3.0
DGA C116A	Adobe Photoshop 1	3.0
DGA C118A	Introduction to Adobe Illustrator	3.0
DGA C166A	Dreamweaver Basics	3.0
DGA C166C	Flash Basics	3.0
BC C124	Adobe Acrobat	3.0
DGA C116B	Adobe Photoshop 2	3.0
DGA C118B	Adobe Illustrator 2	3.0
DGA C120	InDesign	3.0
<b>Total certificate units.....</b>		<b>30.0 Units</b>

## Digital Media Foundation

### Certificate of Achievement

#### Web Design

Completion of the Digital Media Foundation Certificate will prepare students for entry-level employment in print, graphic design, multimedia, animation/gaming, web design, and/or other related occupations. Students will establish a strong foundation in both the technical and artistic aspects of the digital industry

The program will emphasize the production process, creativity, problem solving, design skills, project management, and teamwork. Three specialty areas have been established to meet the diverse needs of Southern California residents and workers: Print Design, Web Design, and Digital Video.

<b>REQUIRED COURSES</b>		<b>18.0</b>
ART C110	Color and Design	3.0
BC C171	Web Design/XHTML	3.0
DGA C116A	Adobe Photoshop 1	3.0
DGA C118A	Introduction to Adobe Illustrator	3.0
DGA C166A	Dreamweaver Basics	3.0
DGA C166C	Flash Basics	3.0
BC C103	Cascading Style Sheets	3.0
BC C194	Web Accessibility	3.0
DGA C116B	Adobe Photoshop 2	3.0
DGA C118B	Adobe Illustrator 2	3.0
<b>Total certificate units.....</b>		<b>30.0 Units</b>

## Digital Media Foundation

### Certificate of Achievement

#### Web Technologies

This certificate provides students with a strong foundation in the technical aspects of web design and programming. The curriculum emphasizes creativity and a systematic approach to problem solving, project management and teamwork. Students will learn “client-side” analysis of what factors make up a reliable and efficient web site.

#### REQUIRED COURSES

BC C103	Cascading Style Sheets	3.0
BC C171	Web Design/XHTML	3.0
BC C174A	JavaScript for Non-programmers	3.0
BC C194	Web Accessibility	3.0
BC C204	Using SQL	3.0
DGA C116A	Adobe Photoshop I	3.0
BC C174B	JavaScript 2	3.0
BC C202	Cold Fusion	3.0
BC C205	PHP and MYSQL	3.0
DGA C116B	Adobe Photoshop 2	3.0

18.0

Total certificate units..... 30.0 Units

## Electronics\*

### Certificate of Achievement

This sequence of classes is designed to give the student a solid foundation in Electronics using applied theory to solve practical applications utilizing the materials and forces of nature for the benefit of society. Students who successfully complete this sequence of classes will be able to pursue a bachelor's degree in Engineering, Engineering Technology, or be employed as a skilled productive member of an Engineering team in Industry. Areas of interest in this program include: theory and application of electric and electronic systems and components, including circuits, electro-magnetic fields, energy sources, communications devices, computers, and other components and devices powered by electricity. Design, assembly, installation, operation, maintenance, and repair of electronic equipment used in industry and manufacturing including the fabrication and assembly of related components. Design, development, testing, and maintenance of electro-mechanical and servo-mechanical devices and systems.

#### REQUIRED COURSES ..... Units

ELEC C101	Introduction to Electronics	3.0
ELEC C102	D/C Circuits	4.0
ELEC C103	A/C Circuits	4.0
ELEC C104	Digital Circuits	3.0

Select from Program Electives below: 10.0-11.0

Total units ..... 14.0

#### PROGRAM ELECTIVES

Choose 3 of the following courses:

ELEC C204	Semiconductor Devices and Circuits	4.0
ELEC C210	Analog Electric Circuit Analysis	4.0
ELEC C230	Advanced Digital Electronics	3.0
ELEC C240	Microcomputer Systems & Assembly Programming	4.0
ELEC C272	Electronic Manufacturing	3.0
ELEC C280	Basic Electrical Machines	4.0
ELEC C281-284	Work Based Learning	1.0-4.0

Total certificate units..... 24.0-25.0

*\*Courses for a degree in Electronics at Coastline are offered through our Military/Contract Education Program with distance learning (online) delivery designed to meet the needs of our global military community. The class schedule and degree roadmap for this program can be found at <http://military.coastline.edu> <<http://military.coastline.edu>> . Students who wish to pursue a degree or certificate in Electronics who live in the local Orange County or nearby areas and are not eligible for enrollment in our military/contract education programs are encouraged to visit our sister college, Orange Coast College, the home college for Electronics. Information about their Electronics Program may be found at [www.orangecoastcollege.edu](http://www.orangecoastcollege.edu) <<http://www.orangecoastcollege.edu>> .*

## Real Estate Broker

### Certificate of Achievement

This is an overall comprehensive program that will provide the student with the requirements needed to become a State of California Real Estate Broker. The program courses are designed to enable the student to reach his/her course requirements to qualify for the real estate broker license exam. These courses also provide the basic background and information needed as a future employer of sales people in real estate.

RE C100	Real Estate Principles	3.0
RE C110	Real Estate Legal Aspects	3.0
RE C120	Real Estate Practice	3.0
RE C130	Real Estate Appraisal 1	3.0
RE C140	Real Estate Finance	3.0
RE C160	Real Property Management	3.0
RE C105	Real Estate Mortgage Brokering	3.0
RE C352	Real Estate Loan Processing	3.0
<b>Total</b>		<b>24.0</b>

## Real Estate Studies

### Certificate of Achievement

The certificate in **Real Estate Studies** is a comprehensive program that will provide the student with unlimited career opportunities. The program courses are designed to enable the student to reach his/her professional goals with the knowledge and skills to meet the overall demands to succeed in a rapidly changing real estate environment.

RE C100	Real Estate Principles	3.0
RE C110	Real Estate Legal Aspects	3.0
RE C120	Real Estate Practice	3.0
RE C130	Real Estate Appraisal 1	3.0
RE C140	Real Estate Finance	3.0
RE C160	Real Property Management	3.0
RE C352	Real Estate Loan Processing	3.0
RE C356	Real Estate Loan Underwriting	3.0
<b>Total</b>		<b>24.0</b>

# Certificates of Accomplishment

These certificates of Accomplishment are 12 or more units. A Coastline certificate will be awarded, but only courses will be posted on the transcript.

## Digital Media

### Certificate of Accomplishment

#### Animation/Gaming Foundations

The Animation/Gaming Foundations Certificate consists of the foundational courses that would prepare students to become entry level animators. This program is run in partnership with ACME Animation and the Orange County Animation Project.

#### REQUIRED COURSES

		Units
ART C110A	Color and Design: Two Dimensional	1.5
CIS C100	Intro to Business Information Systems	3.0
CIS C110	Programming with Visual Basic.Net	1.5
DGA C111	3D Simulation and Multimedia	3.0
DGA C166C	Flash Basics	3.0
<b>Total certificate units .....</b>		<b>12.0</b>

## Educational Studies

### Certificate of Accomplishment

This certificate is designed to meet the needs of students following various pathways to classroom teaching:

1. The paraprofessional or aspiring paraprofessional teacher aide.
2. The aspiring paraprofessional or currently employed paraprofessional teacher aide seeking a career ladder approach to a teaching credential
3. The teacher aide paraprofessional who has decided against pursuing an AA and/or credential but would like to retain paraprofessional status.
4. Teacher preparation students on a transfer pathway who desiring educational courses to be recognized via a certificate.

#### REQUIRED COURSES

		Units
ED C200	The Teaching Profession (40 hrs fieldwork/tutoring required)	3.5
ED C104	Introduction to Teaching and Learning in Diverse Contemporary Classrooms (10 hrs fieldwork/observations required)	1.0
ED C103	Introduction to Computers in Education: Technology Proficiencies for Teachers I	2.0
ED C180	Family, School, and Community Partnerships (10 hrs fieldwork/observations required)	3.0
PSYCH C115	Child Growth and Development	(3.0)
or		
PSYCH C118	Transitions Through the Life Span	3.0

#### ELECTIVE COURSES

Select from the list below: (Students are advised to meet with a counselor or contact the TEACH<sup>3</sup> office for assistance in course selection to ensure alignment with students' career goals, educational plans, and /or credential requirements)

CHEM C105	Chemistry Exploration for Teachers	2.0
ED C101	Tutor Training	.5
ENGL C143	Children's Literature	3.0
Foreign Language	Spanish, Vietnamese, Arabic, Chinese, Italian,	
HLTH C100	Health Education	3.0
HUM SVC C100	Introduction to Human Services Japanese, Korean, Persian, French,	3.0
LING C100	Linguistics/Language Acquisition	3.0
MATH C103	Statistics For Elementary Teachers	3.0
MATH C104	Real Numbers for Elementary School Teachers	3.0
MATH C106	Geometry for Elementary School Teachers or Sign Language	3.0 1.0-5.0
SPED C130	Techniques for Paraprofessionals working With the Developmentally Delayed	1.0

**Total certificate units (12.5 required + 5.0 elective)..17.5**

## General Office Assistant

### Certificate of Accomplishment

The General Office Assistant certificate program prepares students to work in an office environment. Students will have a thorough understanding of what it takes to make an office work smoothly and will be prepared to take an entry-level office administrator position.

<b>REQUIRED COURSES</b>		<b>Units</b>
BC C107B	Keyboarding and Formatting Documents	1.5
BC C108	Data Entry	1.5
BC C109	Keyboarding Speed and Accuracy	1.5
BC C112	Office Organization	3.0
BC C147D	Microsoft Word	1.5
ENGL C103	Business English	3.0
<b>Total units .....</b>		<b>12.0</b>

## Human Services

### Certificate of Accomplishment

This online certificate enables students to work in the expanding field of human services, a growing profession in response to the human needs and problems in the 21<sup>st</sup> century. The certificate program provides a general background for work with families, children and adults and offers the student a pathway to pursue an associate or bachelor level degree. Individuals with a certificate can enhance their professional helping skills, offering them greater work opportunities as social-service technicians, case management aides, mental health technicians, gerontology aides, special-education teacher aides, and residential managers. Additionally, police officers, firefighters, military counselors, and others dealing with the public will benefit from the program training. The certificate exposes the student to the most current thinking in the field, hands-on experience, and community networking.

<b>REQUIRED COURSES</b>		<b>Units</b>
HS C100	Introduction to Human Services	3.0
HS/COUNS C101	Helping Theories and Applications	3.0
HS/COUNS C102	Crisis Intervention	3.0
HS C273	Field Practicum	3.0

*To be selected from the Program Electives below: 3.0-6.0*

**Total units .....** 15.0-18.0

### PROGRAM ELECTIVES

HEALTH C100	Health Education	3.0
HS C103	Stress Management	1.5
HS C104	Treatment Issues in Substance Abuse	3.0
GERON C130	Techniques of Working with Frail Elderly	3.0
PSYCH C100	Introduction to Psychology	3.0
PSYCH C115	Child Growth and development	3.0
PSYCH C170	Psychology of Aging	3.0
SOCIO C100	Introduction to Sociology	3.0
SOCIO C110	Marriage and Family	3.0
SOCIO C120	Introduction to Gerontology	3.0
COUN C105	Succeeding in College	3.0

### ADDITIONAL ELECTIVES

ANTHRO C150	World Cultures	3.0
COUNS C100	Career/Life Planning	1.0
GERON C120	Professional Issues in Gerontology	3.0

## Leadership

### Certificate of Accomplishment

The Leadership Certificate recognizes the formal leadership study, participation and student commitment to student government at Coastline Community College, as well as to student government organizations in the local region and the State of California. Students receiving the Leadership Certificate will have developed skills related to evaluating and assessing leadership characteristics and skills, communicating within groups, managing conflict, setting goals, solving problems creatively, facilitating effective decision-making, delegating tasks, inspiring a shared vision, motivating and enabling others, utilizing parliamentary procedures and conducting effective meetings. Employers and four-year transfer institutions often place value upon involvement in student government or other direct leadership development activities.

<b>REQUIRED COURSES</b>		<b>Units</b>
LEADER C140	Leadership Development 1	3.0
LEADER C145	Leadership Development 2	3.0
LEADER C150	Leadership Development 3	3.0
LEADER C155	Leadership Development 4	3.0
<b>Total units .....</b>		<b>12.0</b>

## Medical Administrative Office Technician

### Certificate of Accomplishment

The Medical Administrative Office Technician certificate program is designed to prepare students to work in a medical office environment such as a hospital, managed care facility, private medical office, and multi-specialty clinic. Students who complete this certificate will be prepared to manage front office activities

<b>REQUIRED COURSES</b>		<b>Units</b>
BC C112	Office Organization	3.0
BC C145	Medical Administrative Assistant 1	3.0
BC C163	Medical Terminology 1	3.0
ENGL C103	Business English	3.0
<b>Total units .....</b>		<b>12.0</b>

## Medical Coding Specialist

### Certificate of Accomplishment

The Medical Coding Specialist certificate prepares the students to pass the tests to become a Certified Coding Associate (CCA) and/or a Certified Coding Specialist (CCS). These tests are administered by the American Health Information Management Association. This certificate program focuses on preparing the students for an in-depth knowledge of coding.

<b>REQUIRED COURSES</b>		<b>Units</b>
BC C161	Medical Coding I	3.0
BC C162	Medical Coding 2	3.0
BC C163	Medical Terminology 1	3.0
BC C164	Review for Coding Specialist Exam	3.0
<b>Total units .....</b>		<b>12.0</b>

## PROCESS TECHNOLOGY

### Process Technician Fundamentals

#### Certificate of Accomplishment

The courses offered to obtain this certificate will give the students the basic skills needed to obtain an entry level Processing Technician position within a variety of industrial fields. Process technology involves every aspect of chemical processing: extracting and refining chemicals such as oil and natural gas, refining and monitoring them.

<b>REQUIRED COURSES</b>		<b>Units</b>
PTEC C110	Introduction to Process Technology	3.0
PTEC C113	Process Control I: Equipment	3.0
PTEC C114	Process Control II: Systems	3.0
PTEC C115	Process Control III: Operations	3.0
<b>Total certificate units.....</b>		<b>12.0</b>

# Certificates of Specializations

These Certificates of Specialization are less than 12 units. A Coastline certificate will be awarded, but only the courses will be posted on the transcript.

## Business Plan

### Certificate of Specialization

Designed for students who wish to take additional courses in home business.

<b>REQUIRED COURSES</b>		<b>Units</b>
<i>(Students will complete all of the following classes)</i>		
BUS C180	Small Business Plans	2.0
BUS C222	Small Business Operation/Management	3.0
<b>Total Required Course Units .....</b>		<b>5.0</b>

## Cisco Certified Networking Administrator (CCNA)

### Certificate of Specialization

This is the first in a series of Cisco certifications. The courses help prepare the students for the CCNA test. Courses are hands-on intensive and cover OSI typology, IP numbering, cabling, topology, router set-up, routing, protocols, LAN switching, OSPF, Frame Relay, variable length subnet masking, natting, and WAN switching.

<b>REQUIRED COURSES</b>		<b>Units</b>
CST C202	Cisco Router Configuration/CCNA 2	3.0
CST C203	Cisco Switching/CCNA 3	3.0
CST C204	Cisco WAN Configuration/CCNA 4	3.0
<b>Total certificate units.....</b>		<b>9.0</b>

## Cisco Certified Networking Professional (CCNP)

### Certificate of Specialization

CST C205-C208 build on the foundational Cisco CCNA courses to provide advanced Cisco certifications. This certificate provides for a four-semester sequence of courses that leads to an advanced Cisco certification (CCNP) that is highly regarded in the computer industry.

<b>REQUIRED COURSES</b>		<b>Units</b>
CST C205	CCNP: Implementing Cisco IP Routing	3.0
CST C207	Building Multilayer Switched Networks	3.0
<i>Select from Program Electives below:</i>		<i>3.0</i>
<b>Total units .....</b>		<b>9.0</b>

<b>PROGRAM ELECTIVES</b>		<b>Units</b>
CST C206	Implementing Secure Converged Wide Area Networks	3.0
CST C208	CCNP: Troubleshooting and Maintaining Cisco IP Networks	3.0

## Cognitive & Caregivers Boot Camp

### Certificate of Specialization

The Cognitive and Caregivers Boot Camp (CCBC) Certificate is an online program designed to provide structured courses to address cognitive, psychosocial, and transitional issues related to the effects of brain injury. This program is designed for individuals living with brain injury, caregivers, and/or professionals.

<b>REQUIRED COURSES</b>		<b>Units</b>
SPED 300	Strategies for Using a PDA	2.0
SPED 301	Cognitive Strategy Building	3.0
SPED 302	A Family Guide to Brain Injury	3.0
SPED 303	Community Re-Integration	3.0
<b>Total certificate units.....</b>		<b>11.0</b>

## CompTIA Computer Hardware

### Certificate of Specialization

The courses offered to obtain this certificate will give students the basic skills needed to provide entry level computer support. Topics provide skills necessary to prepare for CompTIA certifications including Network+, A+ Essentials, and Security+.

REQUIRED COURSES		Units
CST C116	A+ Essentials Hardware	3.0
CST C128	Network+ Introduction to Networking	3.0
<i>Select from Program Electives Below</i>		<i>3.0</i>
<b>Total units.....</b>		<b>9.0</b>

#### PROGRAM ELECTIVES

CST C191	CompTIA Linux+	3.0
CST C230	Security Essentials	3.0

## CompTIA Computer Software

### Certificate of Specialization

The courses offered to obtain this certificate will give students the basic skills needed to provide entry level computer support. Topics provide skills necessary to prepare for CompTIA certifications including Network+, A+ Essentials, Linux+, Project+, and Security+.

REQUIRED COURSES		Units
CST C117	A+ Essentials Software	3.0
CST C230	Security Essentials	3.0
<i>Select from Program Electives Below</i>		<i>3.0</i>
<b>Total units.....</b>		<b>9.0</b>

#### PROGRAM ELECTIVES

CST C128	Network+/Introduction to Networking	3.0
CST C153	CompTIA Convergence+	3.0
CST C191	CompTIA Linux+	3.0

## Geographic Information Systems (GIS)

### Certificate of Specialization

Geographic Information Systems (GIS) this 11 credit unit certificate is designed for those who need immediate skills to initially enter the geospatial/geographic information systems workplace (GIS) or for those who are already in the field and need to enhance their skills. This certificate will give you background in mapping and spatial analysis capabilities of the ArcView software program.

REQUIRED COURSES		Units
BC C160	Intro to GIS	3.0
BC C166	Intermediate GIS	3.0
BC C167	GIS Cartography/Base Map Development	3.0
BC C282	GIS Work Based Learning	2.0
<b>Total certificate units.....</b>		<b>11.0</b>

## Home Business

### Certificate of Specialization

The home based business certificate is a three-course sequence that was created to provide basic, intermediate and advanced educational opportunities designed to help you choose and successfully launch a home-based business.

The courses will give the current and future home based entrepreneur an overview of home based business and the spectrum of opportunities that successful home-based entrepreneurs are pursuing. With an ever-increasing number of adults today self-employed, many are running their own home based business or are planning to start one.

REQUIRED COURSES		Units
<i>(Students will complete <u>all</u> of the following classes)</i>		
BUS C170	Small Business Finance	3.0
BUS C222	Small Business Operation/Management	3.0
<b>Total Required Course Units .....</b>		<b>6.0</b>

*(Students will select one of the following classes)*

BUS C100	Introduction to Business	3.0
BUS C110	Legal Environment of Business	3.0
BUS C120	Personal Financial Planning	3.0
BUS C130	E-Commerce	3.0
BUS C150	Introduction to Marketing	3.0
<b>Total Elective Course Units .....</b>		<b>3.0</b>
<b>Total certificate units.....</b>		<b>9.0</b>

## LINUX Administration

### Certificate of Specialization

The courses within the Linux Administration Certificate of Specialization prepare students with Linux and Internet skills. Potential certifications for students taking these classes include CompTIA/Linux +, LTI level 1, 2, and 3, and Novell CLE and CLP.

#### REQUIRED COURSES

CST C191	CompTIA Linux +	3.0
CST C195	Linux Administration I	3.0

Select from Program Electives below: 3.0

**Total certificate units ..... 9.0**

#### PROGRAM ELECTIVES

CST C196	Advanced Linux Administration	3.0
CST C197	Linux Engineer	3.0
CST C258	Linux Networking & Security	3.0

## Network Security Specialist

### Certificate of Specialization

The courses offered to obtain this certificate will give the students the basic skills needed to set up a secure computer network. The courses provide an overview of the entire field of Network Security. Topics covered will include Cisco Security, Windows security, Linux security, Firewalls, Intruder Detection systems, Security policies and procedures, email and Web security, and Windows Operating System security.

#### REQUIRED COURSES

		Units
CST C230	Security Essentials	3.0
CST C232	Ethical Hacking	3.0

Select from Program Electives below: 4.5

**Total certificate units ..... 10.5**

#### PROGRAM ELECTIVES

BC C160	Introduction to Geographic Information Systems (GIS)	3.0
CST C237	Cisco ASA and Network Security	1.5
CST C238	Intrusion Detection Systems	1.5
CST C240	Firewall and Access Control Lists	3.0
CST C244	Computer Forensics	1.5
CST C245	Exploring Computer Forensics	3.0
CST C248	Certified Wireless Network Administrator	3.0
CST C252	Cisco Security Virtual Private Networks (VPNs)	1.5
CST C253	Cisco ASA, PIX, and Network Security	3.0
CST C254	Cisco IPS/CCSP	3.0
CST C258	Linux Networking and Security	3.0
CST C259	Advanced Linux Security	3.0
CST C260	Cert Info Sys Security Professional (CISSP)	1.5
CST C271	Become a Security Consultant	1.5

## Networking Tools

### Certificate of Specialization

The courses offered to obtain this certificate will give students the basic skills needed to use various industry requested tools. These tools are from specialized areas and will provide students with hands-on training for each of the tools. The tools have been developed by different vendors and are in wide use in the Networking world.

#### REQUIRED COURSES

		Units
CST C112	Introduction to VMWare	1.0
CST C113	Survey of Virtual Software	2.0
CST C114	Microsoft Office Visio	2.0

**Total units ..... 5.0**

## Real Estate

### Lending and Mortgage Brokering

#### Certificate of Specialization

The certificate in **Real Estate Lending and Mortgage Brokering** is an overall program that will provide the student with career opportunities. The program courses are designed to enable the student to reach his/her professional goal with the knowledge and skills in real estate lending to meet the demands as a future real estate loan officer, or loan office administrator.

RE C100	Real Estate Principles	3.0
RE C120	Real Estate Practice	3.0
RE C140	Real Estate Finance	3.0
RE C352	Real Estate Loan Processing	3.0
RE C356	Real Estate Loan Underwriting	3.0

**Total ..... 15.0**

## Real Estate

### Property Salesperson

#### Certificate of Specialization

The certificate in **Real Estate Property Salesperson** is an overall comprehensive program that will provide the student with basic skills needed to qualify for the State of California real estate salesperson license requirements. The program courses are designed to enable the student to reach his/her professional goals as a licensed real estate salesperson.

RE C100	Real Estate Principles	3.0
RE C120	Real Estate Practice	3.0

*Choose one of the following:*

RE C110	Real Estate Legal Aspects	3.0
RE C130	Real Estate Appraisal 1	3.0
RE C140	Real Estate Finance	3.0
RE C160	Real Property Management	3.0

**Total..... 9.0**

## SharePoint Server

#### Certificate of Specialization

The Microsoft (MCTS) Certificate of Completion-SharePoint Server Certificate is designed to give the students the knowledge and skills necessary to understand SharePoint Services including the skills to configure, deploy, monitor, administer, customize, secure, and configure network infrastructure for Windows SharePoint Services. This certificate aligns itself with the Microsoft Certified Technology Specialist: Windows SharePoint Services Configuration certification.

REQUIRED COURSES		Units
CST C128	Network +/Introduction to Networking	3.0
CST C161	Installing and Configuring Microsoft Vista OS	3.0
CST C179	Implementing Microsoft Office SharePoint Server	1.5
CST C230	Security Essentials	3.0
<b>Total certificate units .....</b>		<b>10.5</b>

## Windows Server 2008

#### Certificate of Specialization

The Microsoft (MCTS) Certificate of Specialization for Windows Server 2008 is designed to give the students the knowledge and skills necessary to understand the functions and features of Windows Server 2008 Networking Platform. This certificate aligns itself with the Microsoft Certified Technology Specialist: Windows Server 2008 Certification.

REQUIRED COURSES		Units
CST C184	Microsoft Server 2008 Active Directory Config	3.0
CST C185	Microsoft Server 2008 Network Infrastructure	3.0
CST C186	Microsoft Server 2008 Applications Infrastructure Configuration	3.0
<b>Total certificate units.....</b>		<b>9.0</b>

## Windows Vista

#### Certificate of Specialization

The Microsoft (MCTS) Certificate of Completion-Windows Vista Certificate is designed to give the students the knowledge and skills necessary to understand the functions and features of Windows Vista and to troubleshoot network-connectivity and applications issues. This certificate aligns itself with the Microsoft Certified Technology Specialist: Windows Vista-Configuration certification.

REQUIRED COURSES		Units
CST C128	Network +/Introduction to Networking	3.0
CST C161	Installing and Configuring Microsoft Vista OS	3.0
CST C177	Configuring Windows Vista Mobile Computing and Applications	1.5
CST C178	Deploying and Maintaining Windows Vista Client 2007 Office Desktop	3.0
<b>Total certificate units .....</b>		<b>10.5</b>

# Course Numbering System

## **Courses Numbered 001-099:**

Introductory, developmental, special interest and some technical courses (not transferable to CSU or UC). English 099AB, Math 010, 020 and 030 are applicable to the Option 1 associate degree; other courses numbered below 100 cannot be counted toward the 60 units of credit required for an associate degree. These courses do carry college credit and thus can be used to determine eligibility for full-time or financial aid status.

## **Courses Numbered 100-299:**

Transfer courses to the California State University. Courses transferable to the University of California are noted under the appropriate course descriptions. Depending upon the courses selected, the student's major, and the specific four-year college/university, these courses will meet various baccalaureate program requirements. Courses numbered 100-199 are usually first-year courses; those numbered 200-299 are usually second-year courses and normally require a prerequisite.

## **Courses Numbered 300-399:**

Highly specialized courses that may be student-negotiated for transfer to baccalaureate-granting institutions, depending upon the courses selected, the student's major and the specific transfer college/university.

## **Courses Numbered 400 and Above:**

Noncredit courses.

## **Special Topics:**

Special topics courses offer indepth study of topics not covered in the existing curriculum. Course content and units of credit are determined by the department. Special Topics may be designed as lecture or laboratory. Consult the Schedule of Classes for specific offerings.

## **Correct Use of English**

All courses at Coastline are taught in English. Clear and correct use of English, both on tests and on written assignments, is expected of all students. All students, especially those planning to transfer to a four-year institution, are urged to take a course in English composition as soon as possible.

## **Critical Thinking**

The major role of education in America is to produce an individual who can contribute to society as a well-informed member of a democracy. Competence in critical thinking empowers the student with an ability to distinguish opinion from fact and belief from knowledge. Evaluative skills learned through elementary inductive and deductive reasoning have applications in problem solving in all aspects of everyday existence. Therefore, all examinations, assignments and activities at Coastline reflect academic rigor by requiring critical thinking on the part of the student.

# Course Descriptions

## ACCOUNTING

### ACCOUNTING C100 3.0 Units Introduction to Accounting

Elementary theory and principles of elementary accounting applicable to a single-proprietorship business. Practical application of accounting theory to the accounting cycles of service and merchandising businesses: bookkeeping practice, common debit and credit procedure, books of original entry, ledgers, working papers, adjusting and closing entries, income statement, statement of owners equity, balance sheet, cash, payroll, and special journals. Recommended for business students needing a bookkeeping foundation before enrolling in ACCT C101, and for retailing, sales and merchandising, and Office Administration majors. Transfer Credit: CSU

### ACCOUNTING C101 5.0 Units Financial Accounting Advisory: ACCT C100

A course utilizing the theory and techniques of generally accepted accounting principles essential to administration of a business enterprise. Students will be analyzing and recording various financial transactions along with preparing, analyzing, and interpreting financial statements. Transfer Credit: CSU; UC

### ACCOUNTING C102 5.0 Units Managerial Accounting Advisory: ACCT C101

Foundation acquired in ACCT C101 will be further developed through application of basic principles. Analysis of accounting statements and reports, management use of accounting data, concepts of cost accounting, budgetary control, responsibility accounting, and tax costs of business decisions are introduced. Transfer Credit: CSU; UC

### ACCOUNTING C103 3.0 Units Individual Taxation Advisory: ACCT C101

Introduction to income taxation. Emphasis on individual taxation, the income tax formula, the expanded tax formula, introduction to forms 1040EZ, 1040, and 1040A, gross income: inclusions and exclusions, adjustments for adjusted gross income, itemized deductions, self-employed business income, capital gains and other sales of property, rental property, royalties, and income from flow-through entities, tax credits, payroll taxes, retirement and other tax-deferred plans and annuities, special property transactions, at-risk/passive activity loss rules, and the individual alternative minimum tax. Transfer Credit: CSU

### ACCOUNTING C104 4.0 Units Business Taxation Advisory: ACCT C100 or C101

Topics will include rules related to the organization, life, and dissolution of corporations, partnerships, S corporations, and LLCs. Tax research and planning issues are considered. Case simulation project similar to the new computerized CPA exam will be required. Transfer Credit: CSU

### ACCOUNTING C106 2.0 Units Excel for Accounting

Application of fundamental spreadsheet concepts, principles, functions and formulas in working with problems in the Accounting discipline. Transfer Credit: CSU

### ACCOUNTING C107 2.0 Units Accounting with QuickBooks Advisory: ACCT C100, C101, or C102

QuickBooks is a complete computerized accounting system for small businesses. Topics include a review of basic accounting concepts, preparation of business reports and graphs, and the creation of a company using QuickBooks accounting. Transfer Credit: CSU

### ACCOUNTING C108 2.0 Units Tax Return Preparation using Turbo Tax Software

This course introduces students to federal income tax preparation using Tax Return Preparation with Turbo Tax for Windows, the most popular software package for preparing Individual Income Tax Returns (1040). Transfer Credit: CSU

### ACCOUNTING C112 3.0 Units Intermediate Accounting I Prerequisite: ACCT C101

Introduction to Intermediate Accounting. Will explore topics such as accounting standards: framework underlying financial accounting, accounting information system, income statement, balance sheet, statement of cash flows, accounting for the time value of money, cash, receivables, and valuation of inventories. Transfer Credit: CSU

### ACCOUNTING C113 3.0 Units Intermediate Accounting II Advisory: ACCT C101, C102, and C110

Foundation acquired in ACCT C101 will be further developed through more detailed principles. Topics covered include acquisition and disposition of property, plant, and equipment; depreciation, impairments and depletion, intangible assets, current liabilities and contingencies, long-term liabilities, stockholders equity, dilutive securities, earnings per share, and investments. This is the second semester of a three semester sequence that will explore topics in intermediate accounting. Transfer Credit: CSU

### ACCOUNTING C114 3.0 Units Intermediate Accounting III Advisory: ACCT C101, C102, C110, and C111

Foundation acquired in Accounting C101 will be further developed through more detailed principles. Topics covered are revenue recognition, accounting for income taxes, accounting for pensions and postretirement benefits, accounting for leases, accounting changes and error analysis, statement of cash flows, and full disclosure in financial reporting. This is the third semester of a three semester sequence that will explore topics in intermediate accounting. Transfer Credit: CSU

### ACCOUNTING C118 3.0 Units Fundamentals of Auditing Advisory: ACCT C101

Topics cover the process of examining and evaluating financial conditions and records. It is designed to provide a basis for an opinion concerning the reliability of the records, as evidenced by a written audit report. Transfer Credit: CSU

### ACCOUNTING C281 1.0 Units Work Based Learning

**Prerequisite:** Be employed or volunteer in a field related to Accounting for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Accounting by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Accounting. This course may be taken four times. Transfer Credit: CSU

### ACCOUNTING C282 2.0 Units Work Based Learning

**Prerequisite:** Be employed or volunteer in a field related to Accounting for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Accounting by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Accounting. This course may be taken four times. Transfer Credit: CSU

**ACCOUNTING C283 3.0 Units****Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Accounting for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Accounting by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Accounting. This course may be taken four times. Transfer Credit: CSU

**ACCOUNTING C284 4.0 Units****Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Accounting for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Accounting by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Accounting. This course may be taken four times. Transfer Credit: CSU

**AMERICAN SIGN LANGUAGE****AMERICAN SIGN LANGUAGE C110 3.0 Units****American Sign Language 1**

Introduction, through lecture and discussion, to the American Manual Alphabet and American Sign Language, designed to provide basic conversational skills in the language used by most deaf people in the United States. This course may be taken two times. Transfer Credit: CSU

**AMERICAN SIGN LANGUAGE C111 3.0 Units****American Sign Language 2**

**Advisory:** SIGN C110

Continuing practice, through lecture and discussion, with the American Manual Alphabet and American Sign Language, including an introduction to the culture of deaf people and a comparison of various sign language systems used in the United States of America. This course may be taken two times. Transfer Credit: CSU

**ANTHROPOLOGY****ANTHROPOLOGY C100 3.0 Units****Cultural Anthropology**

This course offers an introductory study of the structure and process of culture. It focuses on the major features of culture and the methods of anthropological research and theoretical orientations with examples of culture variations in both traditional and modern societies. Transfer Credit: CSU; UC

**ANTHROPOLOGY C110 3.0 Units****Physical Anthropology**

This course provides students with an understanding of human evolution and diversity from a biological perspective. Students will explore the central patterns of anatomical, behavioral, and genetic similarities and differences among living primates and humans, in addition to reconstructing the evidence for human evolution found in the fossil record. Transfer Credit: CSU; UC

**ANTHROPOLOGY C120 3.0 Units****Introduction to Archeology**

**Advisory:** ANTH C100

History, contemporary theory, field and lab methodology, and dating techniques in modern archaeology studied through Old and New World cultures. The emphasis will be on a conceptual approach to data interpretation. Transfer Credit: CSU; UC

**ANTHROPOLOGY C150 3.0 Units****World Cultures**

This course surveys the cultures of the world to provide a foundation for understanding current global developments and the human behavior dynamics when cultural differences are encountered. Practical communication skills for use in culturally diverse settings will also be emphasized. Transfer Credit: CSU

**ARABIC****ARABIC C180 5.0 Units****Elementary Arabic 1**

ARAB C180 is an introductory course in Arabic. ARAB C180 introduces fundamental concepts of the standard, classical Arabic used as the lingua franca of some two dozen countries in the world. Comprehension of written and spoken Arabic will be emphasized, as will pronunciation and simple conversation. Study of the customs and cultures of the Arab peoples will enhance student's global awareness. ARAB C180A and C180B are equivalent to ARAB C180. Transfer Credit: CSU; UC

**ARABIC C180A 2.5 Units****Elementary Arabic 1A**

ARAB C180A is an introductory course in Arabic. ARAB C180A introduces fundamental concepts of the standard, classical Arabic used as the lingua franca of some two dozen countries in the world. Comprehension of written and spoken Arabic will be emphasized, as will pronunciation and simple conversation. Popular media and literary selections will be used to offer currency, and study of the customs and cultures of the Arab peoples will enhance student's global awareness. ARAB C180A is equivalent to the first half of ARAB C180. Transfer Credit: CSU; UC

**ARABIC C180B 2.5 Units****Elementary Arabic 1B**

**Prerequisite:** ARAB C180A

ARAB C180B is a continuation of ARAB C180A. ARAB C180B enhances the fundamental abilities developed in ARAB C180A both to comprehend and converse in ordinary, standard classical/literary Arabic. Strengthens reading and writing skills through correspondence, popular media, and literary selections, while also noting customs and cultures of the Arabic-speaking world. ARAB C180B is equivalent to the second half of ARAB C180. Transfer Credit: CSU; UC

**ARABIC C182 1.0 Unit****Conversational Arabic**

**Prerequisite:** ARAB C180 or C180B

Conversational course emphasizing pronunciation, production, and comprehension of spoken Arabic, using vocabulary and grammar learned in elementary Arabic courses, augmented by structures unique to colloquial dialects, such as Lebanese, Egyptian, Gulf, etc. Transfer Credit: CSU

**ARABIC C185 5 Units****Elementary Arabic 2**

**Prerequisite:** ARAB C180 or C180B

Advanced beginning course continuing ARAB C180 or C180B, emphasizing listening and reading comprehension, grammar, oral production, and writing skills in elementary standard classical/literary Arabic and introducing features of the life and culture associated with Arabic language and inherent in Arabic-speaking countries, including discussions of the cultural origins of linguistic expression and studies of systems of cultural transmission through the arts, sciences, and religion. Correspondence, popular media, and literary selections will be discussed and the philosophical bases of Arabic cultures surveyed. Transfer Credit: CSU; UC Credit Limitations, See counselor.

**ARABIC C185A 2.5 Units****Elementary Arabic 2A**

**Prerequisite:** ARAB C180 or C180B

Advanced beginning course continuing ARAB C180 or C180B, emphasizing listening, comprehension, reading, grammar, speaking and writing skills in elementary standard classical/literary Arabic, and introducing features of the life and culture associated with Arabic language and inherent in Arabic-speaking countries, including discussions of the cultural origins of linguistic expression and studies of systems of cultural transmission through the arts, sciences, and religion. Correspondence, popular media, and literary selections will be discussed and the philosophical bases of Arabic cultures surveyed. ARAB C185A is equivalent to the first half of ARAB C185. Transfer Credit: CSU; UC Credit Limitations, See counselor.

**ARABIC C185B 2.5 Units****Elementary Arabic 2B****Prerequisite:** ARAB C185A

Continuation of ARAB C185A. ARAB C185B continues to develop skills in reading, writing, and speaking literary (classical) Arabic. Basic grammar and vocabulary learned in first-year Arabic will be enhanced, and listening and speaking opportunities provided. Further practice and review will be encouraged with audiotapes and special readings. Listening assignments may be made. Short compositions, expository writings, and themed writings will be assigned. ARAB C185B is equivalent to the second half of ARAB C185. Schedule description: Continuation of ARAB C185A, developing further skills in reading, writing, and speaking literary Arabic. Basic listening skills, vocabulary, and grammar will be enhanced, reading sophistication enhanced, and a variety of writing opportunities offered. Transfer Credit: CSU; UC Credit Limitations, See counselor.

**ARABIC C280 4.0 Units****Intermediate Arabic 1****Prerequisite:** ARAB C185 or C185B

Intermediate course in Modern Standard Arabic which stresses reading, writing, listening, and speaking. Basic grammatical structures learned in beginning courses will be expanded and students will be able to communicate in the language in the past, present and future, answering questions, refuting statements and reporting information from another source. Students will be exposed to a greater amount of cultural information, watching movies, hearing songs, and listening to guest lecturers when available. ARAB C280A and C280B equal ARAB C280. Transfer Credit: CSU; UC

**ARABIC C280A 2.0 Units****Intermediate Arabic 1A****Prerequisite:** ARAB C185 or C185B

Intermediate course in Modern Standard Arabic which stresses reading, writing, listening, and speaking. Basic grammatical structures learned in beginning courses will be expanded and students will be able to communicate in the language in the past, present and future, answering questions, refuting statements and reporting information from another source. Students will be exposed to a greater amount of cultural information, watching movies, hearing songs, and listening to guest lecturers when available. ARAB C280A and C280B equal ARAB C280. Transfer Credit: CSU; UC. (Must be taken with C280B for UC credit.)

**ARABIC C280B 2.0 Units****Intermediate Arabic 1B****Prerequisite:** ARAB C280A

Continuing intermediate course in Modern Standard Arabic which stresses reading, writing, listening, and speaking. Basic grammatical structures learned in beginning courses will be expanded and students will be able to communicate in the language in the past, present and future, answering questions, refuting statements, and reporting information from another source. Students will be exposed to a greater amount of cultural information, watching movies, hearing songs, and listening to guest lecturers when available. ARAB C280A and C280B equal ARAB C280. Transfer Credit: CSU; UC. (Must be taken with C280A for UC credit.)

**ARABIC C285 4.0 Units****Intermediate Arabic 2****Prerequisite:** ARAB C280 or C280B

Second half of the Intermediate Modern Standard Arabic series, which stresses reading, writing, listening, and speaking. Basic grammatical structures learned in beginning and early intermediate courses will be expanded, and students will be able to communicate in the language about the past, present, and future, answering questions, refuting statements, and reporting information from another source. Students will learn Arabic morphological structures in greater depth and will be exposed to a greater amount of cultural information, watching movies, hearing songs, and listening to guest lecturers when available. ARAB C285A and C285B equal ARAB C285. Transfer Credit: CSU; UC

**ARABIC C285A 2.0 Units****Intermediate Arabic 2A****Prerequisite:** ARAB C280 or C280B

Beginning of the second half of the Intermediate Modern Standard Arabic series, which stresses reading, writing, listening, and speaking. Basic grammatical structures learned in beginning and early intermediate courses will be expanded, and students will be able to communicate in the language about the past, present, and future, answering questions, refuting statements, and reporting information from another source. Students will learn Arabic morphological structures in greater depth and will be exposed to a greater amount of cultural information, watching movies, hearing songs, and listening to guest lecturers when available. ARAB C285A and C285B equal ARAB C285. Transfer Credit: CSU; UC. (Must be taken with C285B for UC credit.)

**ARABIC C285B 2.0 Units****Intermediate Arabic 2B****Prerequisite:** ARAB C285A

Continuation of the second half of the Intermediate Modern Standard Arabic series, which stresses reading, writing, listening, and speaking. Basic grammatical structures learned in beginning and early intermediate courses will be expanded, and students will be able to communicate in the language about the past, present, and future, answering questions, refuting statements, and reporting information from another source. Students will learn Arabic morphological structures in greater depth and will be exposed to a greater amount of cultural information, watching movies, hearing songs, and listening to guest lecturers when available. ARAB C285A and C285B equal ARAB C285. Transfer Credit: CSU; UC. (Must be taken with C285A for UC credit.)

**ART****ART C100 3.0 Units****History and Appreciation of Art 1****Advisory:** Required for Art majors; Associate Degree credit course.

A multi-cultural survey of art from prehistoric times to Renaissance period, stressing the basic principles of art. Also, introduction to form and content and the media and methods of the visual arts. Illustrated lectures, reading and study of related exhibitions. This is a required course for Art Majors. Transfer Credit: CSU; UC

**ART C101 3.0 Units****History and Appreciation of Art 2****Advisory:** Required for Art majors; Associate Degree credit course.

A multi-cultural survey of art beginning with the Renaissance period through contemporary art. Illustrated lectures, reading, and study of current exhibits. Transfer Credit: CSU; UC

**ART C102 3.0 Units****Contemporary Art History****Advisory:** ART C100 and C101 recommended or knowledge of art historical movements.

This is a slide/lecture course dealing with the nature of twentieth century art and its origins in the late nineteenth century. Emphasis is placed on examining how art reflects history from the perspective of Eastern and Western Civilization, how style communicates the ideas of the artist and his culture and how symbols, techniques, materials, and subjects are used and expanded in twentieth-century artistic expression. Transfer Credit: CSU; UC

**ART C103 3.0 Units****History of Asian Art****Advisory:** ART C100 and C101

A survey of the major Asian cultures focusing on India, China, Japan, Southeast Asia, the Islamic World, and those areas under the sphere of influence. Class covers major religious (Buddhist, Hindu, Shinto, Islam, etc.), philosophical (Confucian, Daoist, etc.), and political currents that affected artistic production in these religions. Discussion of major art forms includes media and their uses including painting, printmaking, sculpture, architecture, and the so-called "minor arts." Also, contemporary trends in Asian art, Western influence and borrowing, Asian art in Southern California, and local sites for "experiencing" Asian traditions/culture. Transfer Credit: CSU; UC

**ART C104 3.0 Units****The History of Impressionist and Post-Impressionist Art****Advisory:** ART C100 and/or C101 or knowledge of art historical movements.

This is a slide/lecture course dealing with the culture and nature of the Impressionist and Post-Impressionist art movements that began in France in the late 19th Century and continued into the early 20th century. Emphasis is placed on examining how art reflects history from the perspective of both Eastern and Western Civilization, in particular how 19th century Japanese art and culture helped form Impressionism, how style communicates the ideas of the artist and his/her society, and how symbols, techniques, materials and subject matter are used and expanded in Impressionist and Post-Impressionist artistic expression. Transfer Credit: CSU; UC

**ART C105 3.0 Units****Introduction to Art**

This course provides an introduction to art from prehistoric times to the present. While examining the role that the visual arts play in the historical development of world cultures, the student will study a wide variety of artistic media such as architecture, painting, drawing, sculpture, graphic design, and photography. This course will also examine the visual elements such as line, color and texture, and explore the principles of design such as unity and balance to discover how they communicate ideas. Transfer Credit: CSU; UC

**ART C107 3.0 Units****Art Gallery Production and Portfolio Design**

Students will develop skills and knowledge related to gallery management and design, art careers and portfolio design. This course may be taken four times. Transfer Credit: CSU

**ART C109 3.0 Units****The History and Appreciation of Italian Renaissance Art****Advisory:** ART C101

A multicultural survey of Italian art from the end of the Gothic period through the Renaissance. Discussion of major art forms from the period including painting, sculpture, and architecture. The multicultural influences that formed Italian Renaissance art will be examined. Emphasis will be placed upon how Renaissance art reflected the culture in terms of symbols, techniques, materials, and subject matter. Also included in the course content is an examination of how Renaissance ideas influenced and formed other European cultures and the subsequent Baroque era. Illustrated lecture, reading, assignments and study of related exhibitions. Transfer Credit: CSU; UC

**ART C110 3.0 Units****Color and Design: 2D**

In this course students will develop and apply design skills using the visual elements and principles of two-dimensional design. They will use the creative process as both viewers and designers, solve visual problems, and create authentic designs using black and white and color media. Students will also study design in historical, social, and multi-cultural contexts. For general education and Art/Design majors. This course may be taken two times. Transfer Credit: CSU; UC

**ART C110A 1.5 Units****Color and Design: 2D**

The first half of a two-part course in design. Students will develop design skills by using the visual elements and principles of two-dimensional design. They will use the creative process as both viewers and designers, solve visual problems and create authentic designs using black-and-white and color media, and study design in historical, social, and multi-cultural contexts. For general education and Art/Design majors. Transfer Credit: CSU; UC

**ART C110B 1.5 Units****Color and Design: 2D****Advisory:** ART C110A

The second half of a two part course in color and design. Students will apply learned design skills using the visual elements and principles of two-dimensional design. They will use the creative process as both viewers and designers to solve advanced visual problems and create authentic designs using black and white and color media. Students will also study design in historical, social, and multi-cultural contexts. For general education and Art/Design majors. Transfer Credit: CSU; UC

**ART C111A 1.5 Units****Color and Design: 3D****Advisory:** ART C110A and C110B

This course explores three-dimensional forms, space manipulation and color interactions with an emphasis on three-dimensional design presentations, through the use of a variety of material and tools. Awareness of the creative process for viewer and artist is emphasized as well as formal analysis for both professional and student works through written and verbal critiques. Included is a survey of three-dimensional design in historical, social, and multi-cultural contexts. Generation of authentic models utilizing learned art elements will be stressed. For General Education and Art/Design majors. Transfer Credit: CSU; UC

**ART C111B 1.5 Units****Color and Design: 3D****Advisory:** ART C111A

The second half of a two-part course in three-dimensional design using the basic elements and principals. This course continues compositional analysis of student and professional works through written and verbal critiques, creation of authentic forms utilizing shape, volume, space, mass, time, and motion, and a continuing review of three dimensional design in historical, social, and multi-cultural contexts. For General Education and Art/Design majors. Transfer Credit: CSU; UC

**ART C117 1.5 Units****Life Drawing****Advisory:** ART C110A and C120

A comprehensive course in drawing from the model, which involves the student in working from observation, emphasizing composition, proportion, and anatomy, using line texture, value, modeling, gesture, and contour drawing principles. The technical application of diverse drawing materials and techniques will be included. This course may be taken two times. Transfer Credit: CSU; UC

**ART C120 3.0 Units****Drawing 1**

A drawing course for the beginning and intermediate student that includes the basic elements of shape, volume, and perspective. The technical application of diverse drawing materials will include charcoal, graphite, ink, and colored media to create illusionistic space and form. This course may be taken four times. Transfer Credit: CSU; UC

**ART C120A 1.5 Units****Drawing 1**

First segment of a two-part course in beginning drawing emphasizing composition and proportion and basic elements of shape, volume, and perspective. Introduces usage of line, texture, and various methods of shading to create illusionistic space and form. This course may be taken four times. Transfer Credit: CSU; UC

**ART C120B** **1.5 Units****Drawing 2****Advisory:** ART C120A

Second segment of a two-part course in beginning drawing emphasizing composition, proportion, basic elements of shape, volume, and perspective. Introduces working in diverse drawing materials to include black and white and colored media to create illusionist space and form. This course may be taken four times. Transfer Credit: CSU; UC

**ART C121** **3.0 Units****Life Drawing 1****Advisory:** ART C110A or ART C120A

A comprehensive course in beginning drawing from the model. Involves the student in working from observation, emphasizing composition, proportion, and anatomy, using line, texture, value, modeling, gesture, and contour drawing principles. Includes the technical application of diverse drawing materials and techniques. The concept and reactive process of making art will be examined in historical and multi-cultural contexts. This course is required for art majors and includes written and verbal critique and analysis. This class may be taken four times. Transfer Credit: CSU; UC

**ART C122** **3.0 Units****Painting 1****Advisory:** ART C110A and C120A

A comprehensive course in beginning painting. Involves the student in selection of image, color theory and color mixing, methods, materials and techniques of painting, with emphasis in oil and acrylic painting. The concept and creative process of making art will be examined in historical and multi-cultural contexts. This course is required for Art Majors and includes written and verbal critique and analysis. This course may be taken four times. Transfer Credit: CSU; UC

**ART C122A** **1.5 Units****Painting 1****Advisory:** ART C120A and C120B

First segment of a two-part course in beginning painting. Involves the student in selection of image, color theory and color mixing, methods, materials, and techniques of painting, with emphasis in oil and acrylic painting. The concept and creative process of making art will be examined in historical and multicultural contexts. This course is required for all Art majors and includes written and verbal critiques. This course may be taken four times. Transfer Credit: CSU; UC

**ART C122B** **1.5 Units****Painting 1****Advisory:** ART C122A

Second segment of a two-part course in beginning painting. Involves the student in selection of image, color theory and color mixing, methods, materials, and techniques of painting, with emphasis in oil and acrylic painting. The concept and creative process of making art will be examined in historical and multicultural contexts. This course is required for all Art majors and includes written and verbal critiques. This course may be taken four times. Transfer Credit: CSU; UC

**ART C123** **1.5 Units****Perspective Drawing****Advisory:** ART C120A and C120B

Study of the representation of three-dimensional space on the two-dimensional plane. Covers diverse methods used by various cultures throughout history. Develops the skills to apply the methods of linear perspective. This includes one, two and multiple-point perspective, circles, inclined planes, and shadows. Transfer Credit: CSU; UC

**ART C126** **1.0 Unit****The Portraiture of Frida Kahlo****Advisory:** ART C120A

Study the fascinating portraiture of Hispanic artist Frida Kahlo, whose mercurial personal life and cultural heritage deeply influenced her art. Includes biographical and technical lecture, study of the creative process in making art, and individual research. Students will create a drawing or painted portrait, in the manner of Kahlo. Transfer Credit: CSU; UC

**ART C127** **2.0 Units****Introduction to Portrait Drawing and Painting****Advisory:** ART C120 and C122

Introduces the fundamentals of drawing and painting the head and upper torso in various drawing media as well as oil or acrylic painting. Includes lecture and exploration of both historical and contemporary portraiture to produce naturalistic and abstracted work. Also explores how palette and composition work within the medium. Emphasizes awareness of the creative process and includes individual and group critiques. This course may be taken four times. Transfer Credit: CSU; UC

**ART C128** **1.5 Units****Survey of Watercolor****Advisory:** ART C120A and C120B

A survey of watercolor painting stressing concepts, techniques, and personal expression. Compositional and painting concepts as related to watercolor. Techniques and skills including basic washes, dry brush, resists, and masking. Development of student's personal expression in watercolor. Brief survey of watercolor history. Transfer Credit: CSU; UC

**ART C129** **3.0 Units****Abstract Painting****Advisory:** Basic Drawing, ART C122A

A painting course for the Intermediate and advanced student to creatively investigate the spectrum of historical and modern abstract and non-objective painting styles and methods. Both traditional and non-traditional materials will be used to explore the principles of abstraction. Specific steps to develop an authentic style of original abstract painting will be presented. This course may be taken four times. Transfer Credit: CSU; UC

**ART C130** **3.0 Units****Experimental Drawing****Advisory:** ART C110A, C120

A drawing course for the intermediate and advanced student to expand expressive and conceptual content beyond basic traditional drawing techniques. Uses both traditional and non-traditional materials as well as contemporary media to explore the parameters of drawing. Specific steps to develop an authentic style in drawing will be explored. This course may be taken four times. Transfer Credit: CSU

**ART C131** **2.0 Units****Chinese Brush Painting Teaching Techniques I**

This course is designed to train students, artists, or teachers to learn how to share the technique of this ancient dynamic form of art. The class will focus on learning the materials: paper, colors, and brushes. It will offer techniques on brush strokes used for line; texture; shading; and washes on flowers, animals, and scenery. It will show methods of critique in design and composition. It will prepare students to teach brush painting at various levels. This course may be taken four times. Transfer Credit: CSU

**ART C132** **1.5 Units****Beginning Brush Painting (Flower)**

Study the concepts in the significance of paper and brush and the history and folklore of floral studies. Learn the brush strokes used for line, texture, shading and washes to capture the beauty of flowers. This course may be taken four times. Transfer Credit: CSU; UC

**ART C133** **2.0 Units****Chinese Landscape Painting 1**

Learn the brush strokes used for line, texture, shading, and wash to capture the beauty of forests, mountains, and water. Students will learn the stroke to do design, composition, and the enchanting background of each subject. Travel in spirit to the land of Shangri-la and explore history and folklore. This course may be taken four times. Transfer Credit: CSU

**ART C134** **2.0 Units****Painting Creatures 1**

Learn the brush strokes used for line, texture, shading, and washes to capture the beauty of animals. Students will learn the strokes to do design and composition, the enchanting background of each subject, and their spiritual meaning in Chinese culture. Explore history and land of animals, birds, and marine life. This course may be taken four times. Transfer Credit: CSU

**ART C135** **2.0 Units****Survey of Chinese Brush Painting**

Focus on Chinese culture through hands-on practice of brush strokes. Designed to lead a beginner from how to hold a brush to producing finished compositions in floral, animals and landscape. Detailed instructions on the use of materials, colors, brushes, the rice paper, seals, and Chinese mounting technique. Painting subjects include orchid, bamboo, camellia, amaryllis, peony, panda, horse, and landscape. This course may be taken two times. Transfer Credit: CSU; UC

- ART C136** **1.5 Units**  
**Chinese Brush Painting 1**  
 Study of the essence of Chinese culture. Basic introduction to oriental brush, ink, and colors. Concepts in design and composition. Selection from the basic subjects, four gentlemen (bamboo, orchid, mum, plum), floral, and animal studies. Includes techniques in mounting. This course may be taken two times. Transfer Credit: CSU; UC
- ART C137** **2.0 Units**  
**History and Appreciation of Chinese Art and Culture**  
**Advisory: Completion of one semester of Chinese brush painting.**  
 A survey of the history, culture, and development of Chinese painting, and calligraphy with an overview, and critique of the works of master painters from each Chinese dynasty. The course will include nature study techniques and skills related to picture formation and composition. Emphasis on calligraphy strokes pertinent to brush painting. Transfer Credit: CSU; UC
- ART C138** **1.5 Units**  
**Watercolors with Oriental Brush**  
 Brush, the tool for all media, was invented in China. Its expert use has been developed as the main tool for communication and expression for 2000 years. Learn the variety of brushes used for line, texture, shading and washes, and how to deliver strokes with dynamic vitality. Composition includes flower, landscape, animal, and abstract expressions. This course may be taken two times. Transfer Credit: CSU
- ART C139** **1.5 Units**  
**Watercolors on Rice Paper**  
 Rice paper offers unique potential for watercolors through its absorbency. Learn which colors are most effective on rice paper and the merit and usage of raw and sized rice paper. Learn how to achieve color intensity and contrast and harmony and how to apply even wash for gradation of shades. Learn how to create special effects and texture through this remarkable handmade paper. This course may be taken two times. Transfer Credit: CSU
- ART C147A** **3.0 Units**  
**Jewelry Design**  
 This course explores jewelry making, space manipulation, surface treatment, and color interactions with an emphasis on jewelry design presentation, through the use of a variety of materials and tools. Awareness of the creative process for viewer and artist is emphasized as well as formal analysis for both cultural, professional, and student works through written and verbal critiques. Generation of authentic designs utilizing learned art elements will be stressed for General Education and visual design majors. This course may be taken four times. Transfer Credit: CSU
- ART C150A** **1.5 Units**  
**Ceramics 1**  
 Hand-building techniques in the design, forming, glazing, and firing of ceramic materials. Introduction to the use of the potter's wheel. Transfer Credit: CSU; UC
- ART C150B** **1.5 Units**  
**Ceramics 2**  
**Advisory: ART C150A**  
 Continuation of Art C150A. Hand-building techniques in the design, forming, glazing, and firing of ceramic materials. Use of the potter's wheel for instruction on basic shapes. Transfer Credit: CSU; UC
- ART C160** **3.0 Units**  
**Sculpture 1**  
**Advisory: ART C121**  
 Modeling from the human form including, techniques, concepts, composition, and casting. This course may be taken two times. Transfer Credit: CSU; UC
- ART C161** **3.0 Units**  
**Sculpture 2**  
**Advisory: ART C160**  
 A continued study in the principles and concepts of sculpture, through the creative use of techniques, and materials in carving, modeling, mold - making, and casting. This course may be taken two times. Transfer Credit: CSU; UC
- ART C174** **3.0 Units**  
**Narrative Painting**  
**Advisory: ART C224**  
 This is a painting course in which the figure is used in a context to tell a story. Students learn to utilize the skills learned in figure painting to portray or suggest actual and metaphoric situations. The content of the painting is the focus of the students' creative explorations using personal, historic, psychological, and symbolic subject matter to express an Idea. This course may be taken four times. Transfer Credit: CSU
- ART C175** **3.0 Units**  
**Mural Painting**  
 This course explores two-dimensional forms, space manipulation, and color interactions with an emphasis on two-dimensional design presentations on a large scale, through the use of a variety of materials and tools. Awareness of the creative process, for both the viewer and artist, is strengthened by formal analysis of a variety of murals through written and verbal critiques. Included is a survey of mural art in historical, social, and multi-cultural contexts. Production of authentic murals utilizing learned art elements will be stressed. Transfer Credit: CSU; UC
- ART C190** **3.0 Units**  
**Multimedia with Painter 6.0**  
**Prerequisite: ART C202**  
 Experience Painter's infinite paint box. Use Photoshop's filters in conjunction with 3D textures, plus a vast array of media to manipulate photographs or create fine art and drawings from scratch. Design web pages, create interface designs, and learn to use Painter on the World Wide Web. Transfer Credit: CSU
- ART C194** **3.0 Units**  
**Computer Animation: 3D Motion Graphics**  
**Advisory: ART C110, C120, C121, C133, BC C110**  
 Creative development of animated images through the utilization of three-dimensional motion concepts and techniques using a computer-animation system. Concept development of animation projects from storyboards through a finished video tape-recorded product. Composition analysis of student and professional works through written and verbal critiques, continuing survey of animation design in historical, social, and multicultural contexts. For general education, visual art, and multimedia majors. Transfer Credit: CSU
- ART C202** **3.0 Units**  
**Introduction to Computer as Medium**  
 In this basic "hands-on" computer class, the three most commonly used digital graphic design programs, Adobe Illustrator, Adobe Photoshop, and QuarkXPress will be explored as design and visual communication tools. Transfer Credit: CSU
- ART C203** **3.0 Units**  
**Graphic Design Principles**  
**Advisory: ART C110 and C111A and C111B**  
 Fundamentals of graphic design techniques as applied to creative solutions for printed and electronic media. Project work designed to build skills in preparation for computer-assisted design. Compositional analysis of student and master designs through written and verbal critiques. Continuing survey of design in historical, social, and multi-cultural contexts. For general education, visual art, and multimedia majors. Transfer Credit: CSU
- ART C205** **3.0 Units**  
**Digital Design with Painter and Photoshop**  
 This course will emphasize the use of the computer as an additional medium with which to create images. The extensive drawing and digital image manipulation capabilities of the computer will be explored through the use and integration of images created in Corel Painter and Adobe Photoshop. Projects assigned will use the capabilities of each program as well as the integration properties of both. Transfer Credit: CSU
- ART C206** **3.0 Units**  
**Publication Design Using QuarkXpress**  
**Advisory: ART C202 and C205**  
 In this advanced course creative graphic design skills are utilized in the creation of such projects as brochures, magazine layouts, and newsletters. An emphasis will be placed on the integration of digital images, illustrations, and typography into well - designed projects. Knowledge of Adobe Illustrator, Adobe Photoshop, and QuarkXPress is required. Transfer Credit: CSU



**ART C233** **1.5 Units**  
**Chinese Brush Character Design**

Introduction to aesthetics, brush technique, and compositional rules for writing of Chinese characters in “k'ai-shu” regular and “ts'ao-shu” styles. Traditional work of famous calligraphers will be presented. Students will learn to write their signature, date, subject title, and poetry in Chinese to enhance oriental paintings. This class will encourage development of brush style in line work and will complement the study of Chinese brush painting. Transfer Credit: CSU; UC

**ART C234** **3.0 Units**  
**Contemporary Figure Painting**  
**Advisory: ART C224**

Course in painting the figure from live models. Applies knowledge and techniques developed in ART C224 and examines historical as well as contemporary ideas. Evaluates traditional concepts of the figure and integrates the multi-culture experience with personal expression. This course may be taken four times. Transfer Credit: CSU

**ART C235** **1.5 Units**  
**Chinese Brush Painting 2**  
**Prerequisite: ART C136**

Practice of the three main schools in Chinese brush painting: flower and bird, landscape, animal and figure. Students will explore subjects' spiritual and cultural significance as well as practice the strokes. Transfer Credit: CSU; UC

**ART C236** **1.5 Units**  
**Chinese Brush Painting 3**  
**Prerequisite: ART C235**

Advanced studies of various schools in Chinese Brush Painting. Emphasis on technical variations and development of individual styles. Transfer Credit: CSU; UC

**ART C237** **3.0 Units**  
**Chinese Flower Paintings**

This class offers an artistic way to experience life and nature, with in-depth studies on ten magnificent flowers: Iris, Poppy, Lotus, Begonia, Chrysanthemum, Night-Blooming Cereus, Peony, Hydrangea, Cattleya Orchid, and Magnolia. Each subject has a particular rhythm accompanied with a natural peaceful feeling—a natural blend of strength and grace. Students will learn the strokes to do design and composition, the enchanting background of each of the subjects, and their spiritual meaning in Chinese culture. They will also share a state of mind with inner joy of tranquility. There is an incredible amount of detailed, stroke-by-stroke information. This course may be taken two times. Transfer Credit: CSU

**ART C238** **3.0 Units**  
**Chinese Flower Painting 2**

Learn the brush strokes used for line, texture, shading and washes to capture the beauty of flowers. Students will learn the strokes to do design and composition, the enchanting background of each of the subjects, and their spiritual meanings in Chinese culture. This course may be taken four times. Transfer Credit: CSU

**ART C239** **3.0 Units**  
**Watercolor 3**

**Advisory: ART C120 or C120A and C120B, or C229**

This advanced level watercolor course explores the use of both traditional and experimental watercolor techniques and methods as well as design concepts in developing expressive and conceptual content in watercolor painting. Emphasis on creative problem solving. This course may be taken four times. Transfer Credit: CSU

**ART C240** **1.5 Units**  
**Mixed Media Techniques**  
**Advisory: ART C110, C122 or C122B, C229**

This course will emphasize the creative process in 2-D and 3-D art by the combining of two or more media in a work of art. Both traditional and experimental techniques, methods, and materials will be explored. This course may be taken four times. Transfer Credit: CSU

**ART C242** **3.0 Units**  
**Expressive Painting**  
**Advisory: ART C120A and C122A**

A painting course in oil and acrylic, for the intermediate and advanced student, to expand expressive and conceptual content, beyond basic traditional painting techniques. Emphasis is on developing the specific skills and techniques relating to both contemporary and historical Expressionist painting from the late 19th and 20th century. This course will include both written and verbal critique and analysis. This course may be taken two times. Transfer Credit: CSU; UC

**ART C250A** **1.5 Units**  
**Ceramics 3**  
**Advisory: ART C150B**

Advanced Hand-building techniques in the design, forming, glazing, and firing of ceramic materials. Advanced use of the potter's wheel. Emphasis on individual creativity. Transfer Credit: CSU; UC

**ART C250B** **1.5 Units**  
**Ceramics 4**  
**Advisory: ART C250A**

Further emphasis on advanced wheel-throwing and hand-building techniques. Concentration on individual skill. Improvement to provide means of personal expression in the medium of clay. Transfer Credit: CSU; UC

**ART C261** **3.0 Units**  
**The History of Tuscan Art Part 1, From the Etruscan through the Early Renaissance**  
**Advisory: ART C100**

A multicultural survey of Tuscan Art from the prehistoric Etruscan period through the Ancient Roman, Byzantine, Medieval, and Early Renaissance periods. Discussion of major art forms from the periods including painting, sculpture, and architecture. The multicultural influences that formed pre-modern Tuscan Art will be examined. Emphasis will be placed upon how Tuscan Art reflected the period culture in terms of symbols, techniques, materials, and subject matter. Included in the course content is an examination of how Tuscan Art influenced and formed other European and Middle Eastern cultures. Illustrated lectures, field trips, reading, and study of related exhibitions. Transfer Credit: CSU; UC

**ART C262** **3.0 Units**  
**The History of Tuscan Art Part 2, From the Renaissance through the Modern Era**

**Advisory: ART C101**

A multicultural survey of Tuscan Art from the Renaissance through the Modern Era. Discussion of major art forms from the periods including painting, sculpture, and architecture. The multicultural influences that formed Tuscan Art will be examined. Emphasis will be placed upon how Tuscan Art reflected the culture in terms of symbols, techniques, materials, and subject matter. Included in the course content is an examination of how Tuscan Art influenced and formed other European and Middle Eastern cultures. Illustrated lectures, field trips, reading, and study of related exhibitions. Transfer Credit: CSU; UC

**ART C265** **3.0 Units**  
**Methods and Materials of Italian Masterworks**  
**Advisory: ART C120A**

A multicultural, multi-century survey of Italian art masterpieces with emphasis on the process of how the work was created and by whom. Includes exposure to a selection of the fine art techniques used in mural, fresco, egg tempera and oil painting, Renaissance drawing, mosaic-making, illuminated manuscript-making, ivory carving, and sculpture. Contains a studio art component: students will undertake some projects related to techniques studied. Prior art study not required. This course may be taken four times. Transfer Credit: CSU; UC

**ART C280** **1.5 Units**  
**Figure Painting/Watercolor**  
**Advisory: ART C224B and C228**

Painting the figure in water media, emphasizing observation, analysis, and personal interpretation of the model. Techniques of watercolor and color theory as applied to figure painting. History, established concepts, and experimental approaches. Critiques. This course may be taken four times. Transfer Credit: CSU; UC

**ASTRONOMY****ASTRONOMY C100** **3.0 Units**  
**Introduction to Astronomy**

Origin, characteristics, and evolution of the solar system, stars, galaxies, and the universe. Historical milestones in the science of astronomy from ancient astronomers to the space probes of today. Consideration of the future of astronomical research and current theories in astronomy. Transfer Credit: CSU; UC

**ASTRONOMY C100L** **1.0 Unit**  
**Astronomy Laboratory**

**Prerequisite: ASTR C100 or concurrent enrollment in ASTR C100 and understanding of Elementary Algebra.**

A beginning astronomy laboratory course for non-science majors. In this course the scientific method is applied to the analysis of experimental astronomical data. Transfer Credit: CSU; UC

**ASTRONOMY C101** **3.0 Units****Planetary Astronomy****Advisory:** ASTR C100

An introduction to the solar system and all its constituents (sun, planets, dwarf planets, moons, asteroids, comets, etc.), their origin and nature, and their development since the time of the creation of the solar system approximately 4.6 billion years ago. Current topics of interplanetary missions, other planetary systems, and development of life in our and in other planetary systems will be discussed. Transfer Credit: CSU

**ASTRONOMY C102** **3.0 Units****Stellar Astronomy****Advisory:** ASTR C100

A detailed study of the formation, structure, and evolution of the sun and stars, including an overview of binary systems, variable stars, Supernovae Types I and II, white dwarfs, neutron stars, black holes, and other stellar phenomena. A survey of particle physics and special and general relativity as relevant to the topics discussed will also be included. Transfer Credit: CSU

**ASTRONOMY C103** **3.0 Units****Cosmology****Prerequisite:** ASTR C100 or C102**Advisory:** If ASTR C102 is used for the prerequisite; ASTR C100

An introduction to the origin and evolution of the universe with emphasis on the major cosmological models. Galaxy types, galaxy evolution, clustering, gravitational lensing, non-luminous (dark) matter, and the cosmological constant (dark energy) will be studied. An overview of relevant particle physics and special and general relativity will be included. Transfer Credit: CSU

**ASTRONOMY C104** **3.0 Units****Tools of Astronomy****Advisory:** ASTR C100

A coherent state-of-the-art account of the instruments and techniques used in astronomy and astrophysics today. This includes telescopes and their instrumentation, as applicable to different wavelength ranges in the electromagnetic spectrum as well as other "windows" like, e.g. cosmic ray or neutrino detectors, and gravitational wave detectors. Field trips to major astronomical observatories are included. Transfer Credit: CSU

**BIOLOGY****BIOLOGY C100** **3.0 Units****Introduction to Biology**

Biology for non-science majors. A general study of the basic concepts of biology including the human body and the environment. Emphasis on the characteristics of plant and animal life, human body systems, health, genetics, and the interaction of organisms in their environment. Transfer Credit: CSU; UC

**BIOLOGY C101** **1.0 Unit****Introduction to Biology Lab****Prerequisite:** BIOL C100 or concurrent enrollment.

Biology lab for non-science majors. A general study of plant and animal life processes to acquaint the non-biology major with basic biological concepts and instruments in the laboratory. Transfer Credit: CSU; UC credit limitations. See counselor.

**BIOLOGY C104** **3.0 Units****Medical Terminology for Health Professionals**

This course introduces students to the subject of Medical Terminology and prepares them for all careers in the medical field. It covers the study of the basic elements of medical terms as well as the basic anatomy and physiology of the human body. In addition, it covers the medical terms used to describe different pathological conditions, diagnostic tests, and therapeutic procedures. Transfer Credit: CSU

**BIOLOGY C105** **3.0 Units****Introduction to Anatomy and Physiology**

This course introduces students to the subject of Anatomy and Physiology of the human body. It highlights the interaction between different body systems to maintain homeostasis. This course prepares students for many programs in the medical field. Transfer Credit: CSU; UC credit limitations. See counselor.

**BIOLOGY C120** **3.0 Units****Biology of Aging**

This course will explore normal vs. abnormal changes in aging and the human ability to adapt. Each body system will be reviewed, focusing on how age changes relate to the development of disorders, and disease in later life. Methods of assisting older persons in adapting to acute and chronic illness and in health promotion and maintenance will be discussed. Transfer Credit: CSU

**BIOLOGY C170** **4.0 Units****Human Anatomy**

Introduction to the structure and design of the human body. Includes structural components and body system interactions. Students will participate in the laboratory, which will include dissection of the cat. Appropriate for students interested in human anatomy. Satisfies the requirements for nursing, physical therapy, and physical education majors. Transfer Credit: CSU; UC

**BIOLOGY C175** **4.0 Units****Human Physiology****Prerequisite:** BIOL C170

This course introduces students to the basic physiology of different systems of the human body with emphasis on the interaction between them to maintain body homeostasis. This course is designed for paramedical biology majors (nursing, X-ray technology, physical therapy, dental hygiene, etc.) Transfer Credit: CSU; UC

**BIOLOGY C200** **3.0 Units****Pharmacology****Prerequisite:** BIOL C175

Basic principles of pharmacology, classification of drugs, methods and routes of administration, distribution, absorption, excretion, desired and toxic effects, indication and contraindication for use. Transfer Credit: CSU

**BIOLOGY C210** **5.0 Units****General Microbiology****Advisory:** CHEM C110

Major concepts of microbiology are discussed as they relate to the principal classes of microorganisms: bacteria, fungi, algae, protozoa and viruses. Topics covered include 1) functional anatomy of prokaryotes and eukaryotes, 2) microbial metabolism and genetics, 3) characteristics and control of microbial growth, 4) microbial taxonomy and methods of microbial classification, 5) host-microbe interactions, 6) mechanisms of microbial pathogenicity, 7) immunology, 8) biotechnology and human infectious diseases. The laboratory focuses on methods for identifying and characterizing microbes, including aseptic technique, microscopy, staining, cultivation, molecular biology, and bioinformatics. Both lecture and laboratory content relate to general and clinical applications. Transfer Credit: CSU; UC

**BIOLOGY C283** **4.0 Units****Genetics****Prerequisite:** BIOL C100 and CHEM C110**Advisory:** ENGL C100

This course covers the principles of Mendelian and non-Mendelian inheritance, eukaryotic and prokaryotic gene transmission, replication, mutation, recombination, gene expression and regulation, cell division, meiosis, human genetic diseases, and ethical implications of genetics. Emphasis is placed on problem solving. Transfer Credit: CSU

**BIOLOGY C291****1.0 Unit****Work Based Learning**

**Prerequisite:** Complete 5.0 Units in Biology at Coastline prior to work experience. Instructor permission required. Be employed or volunteer in a biology-related setting for 5 hours per week per unit of credit.

**Co-requisite:** Be enrolled in a total of 6.0 units including Biology work based learning.

On-campus work consists of instruction and training in all aspects of lab environment, including preparation, care, and maintenance of equipment, materials, training aids, and specimens used in the Biology Department. The student may also be employed, or serve as a volunteer, in a biology-related setting (e.g., hospital, lab, museum, park) under the supervision of a qualified professional and faculty member. This course may be taken four times. Transfer Credit: CSU

**BIOLOGY C292****2.0 Units****Work Based Learning**

**Prerequisite:** Complete 5.0 Units in Biology at Coastline prior to work experience. Instructor permission required. Be employed or volunteer in a Biology-related setting for 5 hours per week per unit of credit.

**Co-requisite:** Be enrolled in a total of 6.0 units including Biology work based learning.

On-campus work consists of instruction and training in all aspects of lab environment, including preparation, care, and maintenance of equipment, materials, training aids, and specimens used in the Biology Department. The student may also be employed, or serve as a volunteer, in a biology-related setting (e.g., hospital, lab, museum, park) under the supervision of a qualified professional and faculty member. This course may be taken four times. Transfer Credit: CSU

**BIOLOGY C293****3.0 Units****Work Based Learning**

**Prerequisite:** Complete 5.0 Units in Biology at Coastline prior to work experience. Instructor permission required. Be employed or volunteer in a Biology-related setting for 5 hours per week per unit of credit.

**Co-requisite:** Be enrolled in a total of 6.0 units including Biology work based learning.

On-campus work consists of instruction and training in all aspects of lab environment, including preparation, care, and maintenance of equipment, materials, training aids, and specimens used in the Biology Department. The student may also be employed, or serve as a volunteer, in a biology-related setting (e.g., hospital, lab, museum, park) under the supervision of a qualified professional and faculty member. This course may be taken four times. Transfer Credit: CSU

**BIOLOGY C294****4.0 Units****Work Based Learning**

**Prerequisite:** Complete 5.0 Units in Biology at Coastline prior to work experience. Instructor permission required. Be employed or volunteer in a Biology-related setting for 5 hours per week per unit of credit.

**Co-requisite:** Be enrolled in a total of 6.0 units including Biology work based learning.

On-campus work consists of instruction and training in all aspects of lab environment, including preparation, care, and maintenance of equipment, materials, training aids, and specimens used in the Biology Department. The student may also be employed, or serve as a volunteer, in a biology-related setting (e.g., hospital, lab, museum, park) under the supervision of a qualified professional and faculty member. This course may be taken four times. Transfer Credit: CSU

**BIOTECHNOLOGY****BIOTECH C100****4.0 Units****Introduction to Biological Technology Skills**

**Advisory:** Successful completion of a math class at least at the MATH C030 level.

A course designed to equip students with fundamental biological laboratory skills needed in a biotechnology laboratory. Students will learn good laboratory practices and current good manufacturing practices, participate in group meetings, receive laboratory projects, and use equipment similar to those found in biotechnology laboratories. Skills include proper industry laboratory notebook preparation, laboratory safety, and DNA manipulation, bacterial handling for cloning, sterile technique, media preparation, and quality control protocols. Internet projects assigned to enhance learning of theory and methods. Transfer Credit: CSU

**BIOTECH C105****4.0 Units****Biological Technology Skills II**

**Prerequisite:** BIOT C100

A course in advanced biological laboratory techniques used in the biotechnology industry, with an emphasis on protein detection and analysis. Protein techniques include polyacrylamide gel electrophoresis, ELISA, Bradford assay, horizontal electrophoresis, column chromatography, Western blot, GFP characterization, affinity column, dialysis, protein standard curve, sonication, ion exchange column purification, and fraction analysis. DNA techniques include PCR, restriction digests, DNA purification, and Southern blot. Students will learn to use a spectrophotometer, plot standard curves, and use a microplate reader. Internet projects assigned to enhance learning of theory and methods (virtual DNA sequencing, reading output from a DNA sequence, and entering sequences in BLAST database for DNA sequence comparison). Transfer Credit: CSU

**BIOTECH C110****3.0 Units****Overview of Quality Assurance and Medical Devices**

An overview of quality assurance systems used in the biotechnology industry, organizational functions, engineering technology, analysis, and application in an FDA regulated industry. Emphasizes the importance of adequate lot control, process and product, and record keeping. Transfer Credit: CSU

**BUILDING CODES TECHNOLOGY****BUILDING CODES TECHNOLOGY C250****3.0 Units****Introduction to Building Codes Technology**

Introduction to Building Codes Technology provides an introduction to the building code professional and the building code environment. The student will learn about the history of codes, what codes and standards are, and how they are developed, along with receiving an introduction to field inspections, plan reading, department administrations, zoning ordinances, and information on the industry and types of positions that work in a building department. The student is introduced to the various types of Building Codes, including Zoning, Grading, Structural/Architectural, Mechanical, Electrical, Plumbing, Energy, Disabled Access, and Sustainable Green Building Codes. Transfer Credit: CSU

**BUILDING CODES TECHNOLOGY C251****3.0 Units****Introduction to Green Building**

An overview of the entire process of green building, covering the theory, history, state of the industry, and best practices in green building. The course will provide an introduction to green building programs such as LEED assessment system, Build It Green, Green Globes and other standards such as ICC 700 and the State of California Green Building Code. Transfer Credit: CSU

**BUILDING CODES TECHNOLOGY C281****1.0 Units****Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Building Codes Technology for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Building Codes Technology by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Building Codes Technology. This course may be taken four times. Transfer Credit: CSU

**BUILDING CODES TECHNOLOGY C282****2.0 Units****Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Building Codes Technology for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Building Codes Technology by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Building Codes Technology. This course may be taken four times. Transfer Credit: CSU

**BUILDING CODES  
TECHNOLOGY C283** 3.0 Units

**Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Building Codes Technology for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Building Codes Technology by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Building Codes Technology. This course may be taken four times. Transfer Credit: CSU

**BUILDING CODES  
TECHNOLOGY C284** 4.0 Units

**Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Building Codes Technology for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Building Codes Technology by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Building Codes Technology. This course may be taken four times. Transfer Credit: CSU

**BUILDING CODES  
TECHNOLOGY C290** 3.0 Units

**Building Permit Technician  
and Counter Operations**

**Advisory:** BCT C250 and C300

This course covers topics of particular interest to the permit technician, or to the student preparing for a career as a building permit technician. This comprehensive course, along with the Building Permit Technician Certificate, will help students prepare for the national certification examination by covering topics of special interest to the permit technician, including building code, zoning codes, legal aspects, and building standards. Although, this course is primarily focused on topics of specific interest to the Permit Technician, it is also a recommended course for those interested in learning more about the permit process, applicable permit building codes, zoning administration, and legal aspects therein. This course may be taken four times. Transfer Credit: CSU

**BUILDING CODES  
TECHNOLOGY C300** 3.0 Units

**Introduction to the International Building Code**

The student will gain insight into building laws founded on broad-based performance principles and will become familiar with the proper use of the International Building Code. This includes administrative, occupancy, types of construction, materials, fire resistive standards, exiting, and detailed regulating provisions of the document. This course may be taken four times.

**BUILDING CODES  
TECHNOLOGY C301** 3.0 Units

**Residential/Construction Blueprint  
Reading**

Analysis of blueprints as they apply to residential/commercial construction; architectural graphic representations and their symbols for materials of construction and basic drafting principles related to working drawings. This course may be taken four times.

**BUILDING CODES  
TECHNOLOGY C302** 3.0 Units

**California Administrative Code (Title 24)**

Applies the California Code of Regulations (Title 24) as it pertains to various types of buildings. Special emphasis will be placed on California State energy regulations, building modifications for the disabled for accessibility, and includes an introduction to the California State Green Building codes. This course may be taken four times.

**BUILDING CODES  
TECHNOLOGY C303** 3.0 Units

**Non-Structural Provisions of Building Codes**

**Advisory:** BCT C300

A comprehensive course designed to give the student an understanding of the non-structural provisions of the International Building Code. Important aspects of this course are regulation of building areas, heights, location on property, fire resistance rated materials, fire suppression systems, and the means of egress of buildings. This course may be taken four times.

**BUILDING CODES  
TECHNOLOGY C304** 3.0 Units

**Concrete Codes**

**Advisory:** BCT C300

All facets of concrete construction and code requirements are covered in this course. In addition, students will become more proficient and professional in relating to concrete field practices, construction, and inspections. This course may be taken four times.

**BUILDING CODES  
TECHNOLOGY C305** 3.0 Units

**Framing Requirements of Building Code**

**Advisory:** BCT C300

This class will concentrate on the International Building Code chapters concerning, wood and steel framing, roofing and reroofing, drywall, stucco, plaster, plastics, soil classification, and foundation investigation. This course may be taken four times.

**BUILDING CODES  
TECHNOLOGY C306** 3.0 Units

**Electrical Code**

Basic safety and the use of electricity. Includes basic wiring methods used in residential and commercial buildings in conjunction with the latest edition of the National Electrical Code. Application of the principles of inspection with details of electrical construction. This course may be taken four times.

**BUILDING CODES  
TECHNOLOGY C307** 3.0 Units

**Mechanical Code**

Interpretation of the Uniform Mechanical Code as it pertains to heating and air conditioning installations; includes venting, heater and air conditioning selection, gas, electrical, and applicable State Green Building codes. This course may be taken four times.

**BUILDING CODES  
TECHNOLOGY C308** 3.0 Units

**Plumbing Code**

**Advisory:** Knowledge of building construction.

Plumbing code interpretation for inspectors and installers necessary for correct selection of material, sizing of pipe, and installation of conventional and Green Building Plumbing systems. This course may be taken four times.

**BUILDING CODES  
TECHNOLOGY C311** 3.0 Units

**International Residential Code**

Comprehensive study of International Residential Code for One and Two-Family Dwellings. Topics include all residential code requirements for building a home according to IRC, including international building, electrical, plumbing, mechanical, and fire codes. Laboratory and classroom experiences are designed to develop skills in noncommercial construction. Field experiences are used when applicable. This course may be taken four times.

**BUILDING CODES  
TECHNOLOGY C312** 3.0 Units

**Construction Estimating**

Fundamentals of Construction Estimating takes a comprehensive approach to estimating, offering readers a well-rounded, up-to-date perspective on the estimating process. It is designed for entry level courses and focuses on the process of utilizing the latest technology to compile cost estimates for general contractors. This course may be taken four times.

**BUILDING CODES  
TECHNOLOGY C314** 3.0 Units

**Green Building Codes**

**Advisory:** BCT C251

Detailed review of California Green Building Code Chapter 11 of Title 24 and ICC 700-2008 National Green building standards. The students will learn the various components for LEED for New Construction and Leadership in Energy and Environmental Design (LEED) for homes. This course may be taken four times. Transfer Credit: CSU

**BUILDING CODES  
TECHNOLOGY C316** 3.0 Units

**Masonry Codes**

**Advisory:** BCT C300

All facets of masonry construction and inspection are covered in this course. In addition to code requirements, students will learn field-testing of concrete masonry, understand sampling materials, quality control of materials, grouting, and type and placement of reinforcing steel. This course may be taken four times.

**BUSINESS****BUSINESS C007****3.0 Units****Business Mathematics**

Business Mathematics provides a practical, up-to-date coverage of widely-used topics in business including basic math, bank services, payroll, discounts and markups, simple and compound interest, stocks and bonds, consumer loans, taxes and insurance, depreciation, financial statements, and business statistics. (NOT APPLICABLE TO A.A. DEGREE)

**BUSINESS C100****3.0 Units****Introduction to Business**

Introduction to Business is an introductory course that defines and applies the fundamental principles of economics, management, ethics, leadership, marketing, management information systems (MIS), accounting, and finance to the current business environment. The course will help students select their field of business specialization and will provide the foundation for future study of business and management. It presents an in-depth examination of elements of contemporary business, from the Internet functions to the challenges of business on an international scale. Transfer Credit: CSU

**BUSINESS C101****3.0 Units****Project Management (PMP)**

The Project Management Professional class is designed to give students a solid foundation in the concepts, tools, and techniques of formal project management. Concepts and methods learned are immediately usable in the workplace, leading to a greater retention of newly acquired skills, measurable project improvements, and the achievement of desired project results. The class focuses on key concepts in each of the process and knowledge areas of project management. This course also helps the student to prepare for the Project Management Professional (PMP) certification exam. Transfer Credit: CSU

**BUSINESS C110****3.0 Units****Legal Environment of Business**

Introduction to basic business law, basic principles of American law, sources of law, the courts and the court system(s). Specific coverage of the law of contracts, torts, administrative agencies and agency, as well as Constitutional Law as it pertains to business. Transfer Credit: CSU; UC

**BUSINESS C120****3.0 Units****Personal Financial Planning**

Personal Financial Planning provides comprehensive coverage of personal financial planning in the areas of money management, career planning, taxes, consumer credit, housing and other consumer decisions, legal protection, insurance, investments, retirement planning, and estate planning. The goal of the course is to teach students the fundamentals of financial planning so they can make informed choices related to spending, saving, borrowing, and investing that lead to long-term financial security. Personal Financial Planning provides many financial planning tools using a step-by-step approach to help students identify and evaluate choices as well as understand the consequences of decisions in terms of opportunity costs. Transfer Credit: CSU

**BUSINESS C130****3.0 Units****E-Commerce: Strategic Thinking and Management**

This course provides a comprehensive introduction to e-Commerce/e-Business. The course provides comprehensive coverage of a broad spectrum of e-Commerce essentials from a global perspective centering on four key areas of strategic planning, technology, management, marketing, and finance. The course focuses on the most recent developments in online behavior and what students need to know about developing, managing, and maintaining a successful e-business. Transfer Credit: CSU

**BUSINESS C150****3.0 Units****Introduction to Marketing**

Introduction to Marketing provides a practical introduction to contemporary marketing principles as applied in an increasingly internet-driven marketplace. Analyze market characteristics, evaluate product and service strategies, and build marketing plans. Topics include pricing, promotion, and distribution; web-based storefronts and other e-commerce channels; product introduction, branding, and packaging; consumer, industrial, and government markets. Internet experience helpful. Transfer Credit: CSU

**BUSINESS C170****3.0 Units****Small Business Finance**

Upon successful completion of this course, the student should be able to identify and evaluate the various sources available for funding a small business; demonstrate an understanding of financial terminology; read, prepare and analyze a financial statement; and write a loan proposal. In addition, the student should be able to explain the importance of working capital and cash management. The student should also be able to identify financing needs, establish credit policies, and prepare sales forecasts. Transfer Credit: CSU

**BUSINESS C180****2.0 Units****Small Business Plan**

Upon successful completion of this course, the student will be able to evaluate a business concept and write a sound business plan. In the process of doing so, students will be able to assess the strengths and weaknesses of a business concept, collect and organize market research data into a marketing plan, and prepare the financial projects for their business concept. In addition, students will be able to identify and evaluate various resources available for funding small businesses. Transfer Credit: CSU

**BUSINESS C190****3.0 Units****Investments****Advisory: BUS C120**

Examination of various investment vehicles and portfolios. This course provides a comprehensive study of stocks, bonds, mutual funds, and related securities that include a detailed study of the nature of these securities and their markets. Emphasis is placed on personal investment objectives for growth, growth with income, and income with preservation of capital. Also covered are portfolio management and the effect of taxes on investment policy. Transfer Credit: CSU

**BUSINESS C197****3.0 Units****E-Commerce/Online Business**

E-Commerce/Online Business is designed for individuals, entrepreneurs, and small businesses who want to create a presence on the Internet by offering their products and/or services through online transactions. This is a hands-on course that includes setting up an e-Commerce business. Transfer Credit: CSU

**BUSINESS C222****3.0 Units****Small Business Operations and Management**

Small Business Operations and Management provides a study of the practical problems encountered in finding, organizing and operating small business enterprises. Included are topics related to initiating the business, developing strategies, marketing, financial and administrative control and related topics. Transfer Credit: CSU

**BUSINESS C281****1.0 Units****Work Based Learning**

**Prerequisite: Be employed or volunteer in a field related to Business for 5 hours per week per 1.0 unit of Work Based Learning.**

**Co-requisite: Be enrolled in a total of 7.0 units including Work Based Learning.**

To enhance each Work Based Learning participant's opportunity for success in the field of Business by bridging the gap between educational theory and on the job practices through individualized performance objectives related to the student's career or occupational goal in Business. This course may be taken four times. Transfer Credit: CSU

**BUSINESS C282** 2.0 Units**Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Business for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Business by bridging the gap between educational theory and on the job practices through individualized performance objectives related to the student's career or occupational goal in Business. This course may be taken four times. Transfer Credit: CSU

**BUSINESS C283** 3.0 Units**Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Business for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Business by bridging the gap between educational theory and on the job practices through individualized performance objectives related to the student's career or occupational goal in Business. This course may be taken four times. Transfer Credit: CSU

**BUSINESS C284** 4.0 Units**Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Business for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Business by bridging the gap between educational theory and on the job practices through individualized performance objectives related to the student's career or occupational goal in Business. This course may be taken four times. Transfer Credit: CSU

**BUSINESS COMPUTING****BUSINESS COMPUTING C080** 1.0 Unit**Computers Basics - Internet**

**Advisory:** Basic keyboarding skills helpful.

Introduction to the Internet, including terminology, operation, and navigation. Students will learn to use popular software such as Internet Explorer/Outlook Express. This course may be taken two times. Pass/No Pass Only. (NOT APPLICABLE TO A.A. DEGREE)

**BUSINESS COMPUTING C100** 3.0 Units**Introduction to Computers**

**Advisory:** Basic keyboarding skills recommended.

An introduction to computers, including terminology, basic operations, and use of basic features of word processing, spreadsheets, database, and presentation software. This course may be taken two times. Transfer Credit: CSU

**BUSINESS COMPUTING C103** 3.0 Units**Cascading Style Sheets**

**Advisory:** BC C171 or DGA C166

Cascading style sheets are the preferred way to set the "look and feel" of your web sites. In this class, you will learn to use CSS for layout, positioning, styling lists, tables, headings, and many other functions. Transfer Credit: CSU

**BUSINESS COMPUTING C104** 1.5 Units**Microsoft Windows 1**

This course provides an overview of the Windows operating system to enable the student to begin using computer programs in the Windows environment quickly. Topics covered in this overview include: program opening and closing, file saving and storage, file editing, program launching, working with folders and files, performing desktop customization, using Multimedia, communications, and other related topics. This course may be taken four times. Transfer Credit: CSU

**BUSINESS COMPUTING C107A** 1.5 Units**Keyboarding**

**Advisory:** Computer access required. Students without a computer should enroll in BC C300L to complete assignments.

Introduction to learning to touch-type on the computer. Good for personal or business use. Transfer Credit: CSU

**BUSINESS COMPUTING C107B** 1.5 Units**Keyboarding and Formatting Documents**

**Advisory:** Computer access required. Students without a computer should enroll in BC C300L to complete assignments.

Develop your typing speed and accuracy. Learn to type simple letters, memos, and more. For personal or business use. Transfer Credit: CSU

**BUSINESS COMPUTING C108** 1.5 Unit**Data Entry**

**Advisory:** Keyboarding skills of at least 25 words per minute. Computer access required. Students without a computer should enroll in BC C300L to complete assignments.

Data entry exercises on personal computers. Skills, accuracy, and speed development will be accomplished through keying of characters and numerals and the preparation and handling of source documents. Student will become familiar with common business forms and vocabulary through the use of source documents. Transfer Credit: CSU

**BUSINESS COMPUTING C109** 1.5 Unit**Keyboarding Speed and Accuracy**

**Advisory:** Computer access required. Students without a computer should enroll in BC 300L to complete assignments.

This course assumes that the student has had previous typing/keyboarding experience and wishes to increase keyboarding speed and improve accuracy. Emphasis is on techniques of typing and skill development through prescribed drills and timed writings. This course may be taken two times. Transfer Credit: CSU

**BUSINESS COMPUTING C112** 3.0 Units**Office Organization**

**Advisory:** Keyboarding skills of at least 25 words per minute.

This course prepares people to work efficiently in today's offices. Topics include how to become a successful employee, customer service, time management, proofreading and editing, punctuation review, business document production, workplace telecommunications, mail processing, filing and records management, computers in the office, meeting and conference planning, business travel, business terminology, office design, employment and career advancement, business etiquette, and using the Internet as a business tool. Transfer Credit: CSU

**BUSINESS COMPUTING C115** 1.5 Units**Customer Service/Soft Skills**

This course teaches the students to be customer service aware. Transcends superficial elements and pinpoints the skills needed to improve and sustain customer satisfaction and business relationships. Transfer Credit: CSU

**BUSINESS COMPUTING C120** 1.5 Units**Microsoft Excel 1**

**Advisory:** BC C104, basic mathematical skills, and keyboarding skills of at least 25 words per minute.

Students will learn to use Microsoft Excel to create professional worksheets that include formulas, range names, MS Excel Wizards, printing techniques, data analysis, and file management. Transfer Credit: CSU

**BUSINESS COMPUTING C121** 1.5 Units**Microsoft Excel 2**

**Advisory:** BC C120

Advanced training and practice in Microsoft Excel based on the fundamentals learned in BC C120. Topics include formulas, range names, functions, Windows, spreadsheet linking, advanced charting, databases, and advanced macros. Transfer Credit: CSU

**BUSINESS COMPUTING C123** 3.0 Units**Introduction to Quick Books**

Learn to use QuickBooks to track the financial activity of a small business. Topics include banking, accounts payable/receivable, invoicing, inventory, billing, and customer data management. Students should be familiar with personal computers and the Windows operating system. Transfer Credit: CSU

**BUSINESS COMPUTING C124** 3.0 Units**Using Adobe Acrobat**

Adobe Acrobat is the essential tool for universal document exchange. It is a reliable, efficient, and effective way to share information electronically. Acrobat lets you convert any document into an Adobe Portable Document Format (PDF) file, with its original appearance preserved, and then distribute for viewing and printing on any system. Transfer Credit: CSU

**BUSINESS COMPUTING C145** 3.0 Units  
**Medical Administrative Assistant I**  
 A hands-on course designed for students in medical assisting, nursing, and allied health programs to learn how to successfully support the front or back office of a clinic or hospital. Transfer Credit: CSU

**BUSINESS COMPUTING C147** 2.0 Units  
**Beginning Microsoft Word**  
 Advisory: BC C107A or keyboarding skills of at least 25 words per minute.

This course is designed for students who want to learn how to use Microsoft® Word latest version to create professional-looking documents for workplace, school, and personal communication needs. Students will learn the essential features and functions of computer hardware, the Windows XP or Vista operating system, and Internet Explorer. Topics cover the basics of computer hardware, an introduction to Windows XP or Vista, an introduction to Internet Explorer, creating and editing documents, formatting and maintaining documents, applying formatting and inserting objects, creating tables, and using SmartArt to create diagrams and organizational charts. This course may be taken four times. Transfer Credit: CSU

**BUSINESS COMPUTING C148** 2.0 Units  
**Intermediate Microsoft Word**  
 Advisory: BC C147

This course is designed for students who want to learn how to use Intermediate Microsoft Word latest version features to create professional-looking documents for workplace, school, and personal communication needs. Topics include how to use these features': custom numbers and bullets, multilevel list numbering, headers and footers, section breaks, charts, spelling, grammar, thesaurus, word count, custom dictionaries, research features, AutoCorrect, Quick Parts, fields, the Quick Access toolbar, themes and styles, links, cross references, special features and references, tables and indexes, comments, track changes, document protection, distribution, and digital signatures. This course may be taken four times. Transfer Credit: CSU

**BUSINESS COMPUTING C148G** 1.5 Units  
**Advanced Microsoft Word Sharing and Publishing Information**  
 Advisory: Keyboarding skills of at least 25 words per minute.

In this advanced Microsoft Word 2003 course students learn to create and compile tables of contents, indexes, figures, and authorities; create, edit, and fill in forms and form templates; track changes, accept/reject changes, and add workgroup users; and integrate data from a Microsoft Office program into Word. Transfer Credit: CSU

**BUSINESS COMPUTING C150** 3.0 Units  
**Microsoft Office Professional 1**  
 An introduction to MS Office applications — Microsoft Word, Excel, Access, PowerPoint, Outlook, and Speech Recognition. This course may be taken two times. Transfer Credit: CSU

**BUSINESS COMPUTING C160** 3.0 Units  
**Introduction to GIS (Geographic Information Systems)**  
 Advisory: BC C121 or C175

An Introduction to the concepts and use of Geographic Information Systems (GIS) and its role in analysis and decision making. Course work is based on the mapping and spatial analysis capabilities of the ArcView software program. Students will be introduced to basic cartographic principles, maps, scales coordinate systems, and projections. Through computer lab tutorials and case studies students will learn to use ArcView to view relationships, patterns, or trends that are not possible to see with traditional charts, graphs, and, spreadsheets. Transfer Credit: CSU

**BUSINESS COMPUTING C161** 3.0 Units  
**Health Information Technology - Medical Coding 1**  
 Advisory: BC C104 or ability to use Microsoft Windows.

An introductory course in Current Procedural Terminology (CPT). Systematically learn CPT codes by body system, various procedures and how to code each one. This course includes an introduction to International Classification of Diseases, 9th Revision, Clinical Modification (ICD 9-CM), and information about third party reimbursement. Transfer Credit: CSU

**BUSINESS COMPUTING C162** 3.0 Units  
**Health Information Technology - Medical Coding 2**  
 Prerequisite: BC C161  
 Advisory: BC C104 or ability to use Microsoft Windows.

A second course in Current Procedural Terminology (CPT) with emphasis on medical coding services such as medical visits, diagnostic testing and interpretation, treatments, surgeries, and anesthesia. This course covers more advanced coding concepts using step-by-step methods that give a more in-depth understanding of physician-based medical coding to ensure gathering the correct information from documents, selecting the right codes, and determining the correct sequencing of those codes. Transfer Credit: CSU

**BUSINESS COMPUTING C163** 3 Units  
**Health Information Technology - Medical Terminology 1**  
 Advisory: BC C104 or ability to use Microsoft Windows.

Introduction to medical terminology for body structure, body systems, and diagnostic work. Prefixes, suffixes, word roots, and combined word forms. Includes instruction in spelling, definition, and pronunciation. Transfer Credit: CSU

**BUSINESS COMPUTING C164** 3.0 Units  
**Health Information Technology: Review for (CCS) Certified Coding Specialist Exam**  
 Advisory: BC C161, BC C162, and C163

This course takes a practical approach to assisting the student to prepare for the facility-based Certified Coding Specialist (CCS) examination given by the American Health Information Management Association (AHIMA) of the CPC-H examination given by the American Association of Professional Coders (AAPC). The content reviews anatomy, terminology, pathophysiology, diagnostic and procedural coding, and reimbursement guidelines and issues. This course may be taken two times. Transfer Credit: CSU

**BUSINESS COMPUTING C166** 3.0 Units  
**Intermediate Geographic Information Systems (GIS)**  
 Advisory: BC C160

This intermediate course provides further study in ArcView, it is a continuation of the skills and concepts learned in BC C160, Introduction to Geographic Information System (GIS). Course work is based on the mapping and spatial analysis capabilities of ArcView software. Students will be creating and editing spatial data, geocode data, perform spatial data processing, and conduct spatial analysis. Transfer Credit: CSU

**BUSINESS COMPUTING C169** 1.0 Unit  
**Internet for Educators**  
 Advisory: Ability to use a Web browser.

Designed to provide K-14 instructors with an introduction to how the Internet can be used to enrich learning. Students will learn how to access the Internet and use popular browser menus and toolbars, use search engines to locate web sites and resources, facilitate easy access to sites through well-organized bookmarks, find and create student projects, integrate web resources and projects into classroom lessons, organize the classroom for Internet use, and locate and subscribe to RSS feeds, wikis, and blogs. Copyright, security, and analysis of content integrity will also be covered. Transfer Credit: CSU

**BUSINESS COMPUTING C170** 1.5 Units  
**Using the Internet**  
 Advisory: Keyboarding skills of at least 25 words per minute.

Hands-on course, to learn how to locate information on the Internet; access World Wide Web servers, blogs, wikis, and other resources. Send and receive E-mail. Discuss netiquette, Internet browsers, and computer requirements. Transfer Credit: CSU

**BUSINESS  
COMPUTING C171** **3.0 Units**

**Web Design/XHTML 1**

**Advisory:** BC C170 or DGA C166A

Web Design/XHTML 1 introduces students to the foundations of Web design, including planning, creating, and publishing a Web site. It emphasizes coding at the HTML/XHTML level rather than using a WYSIWYG (What You See Is What You Get) editor. The course also covers some critical issues related to Web design often overlooked in such classes (e.g., background information about the Internet and World Wide Web, copyright issues, etc.)  
Transfer Credit: CSU

**BUSINESS  
COMPUTING C171B** **3.0 Units**

**Web Design/XHTML 2**

**Advisory:** BC C171

The Web Design/XHTML 2 course continues where the Web Design/XHTML 1 course left off. Thus, it delves into advanced HTML and XHTML code, including more complex tables and frames, style sheets, and forms. Students will be introduced to XML, CGI, and JavaScript. Legal, copyright and contract issues will also be explored. Additionally, introductory information regarding project management, marketing, and e-commerce will be covered. Finally, students will get a brief overview of networking and site security issues. All lessons include relevant information regarding accessibility. Transfer Credit: CSU

**BUSINESS  
COMPUTING C171C** **3.0 Units**

**XML—Extended Markup Language**

**Advisory:** BC C171 or BC C171B or BC C174A or BC C174B, and keyboarding skills of at least 25 words per minute.

The Internet is causing a revolution in how we represent, retrieve, and process information. This has given us a universally accessible database, but in the form of an unorganized collection of documents. XML is changing how data is represented. Learn how to represent, retrieve, and process information from the Internet using XML. [Features publishing structured documents on the Web, learning methods for querying and updating structured Web documents, and learning sound techniques for writing Web data queries.] Transfer Credit: CSU

**BUSINESS  
COMPUTING C173** **1.5 Units**

**Internet Research I**

**Advisory:** BC C170 or Basic Internet knowledge and keyboarding skills of at least 25 words per minute.

Instructions using various search techniques and resources to quickly locate information on the Internet. Emphasis includes using Internet access tools, data formats and media, search engines, subject guides, library catalogs, and commercial, and government resources. Learn the secrets that the experts use to efficiently locate people and data.  
Transfer Credit: CSU

**BUSINESS  
COMPUTING C174A** **3.0 Units**

**JavaScript for Nonprogrammers**

**Advisory:** BC C170, C171, C171B and keyboarding skills of at least 25 words per minute.

A continuing web page design course for beginning to intermediate-level people who know how to create web pages but who may know next to nothing about programming. Includes many scripts that can be typed into web pages or taken straight from other web pages using an online companion for JavaScript. Utilizes plain English and only those programming terms that are necessary for an understanding of how to work with JavaScript. Transfer Credit: CSU

**BUSINESS  
COMPUTING C174B** **3.0 Units**

**JavaScript 2**

**Advisory:** BC C174A and keyboarding skills of at least 25 words per minute.

A continuation of JavaScript for Non-Programmers, this is a comprehensive hands-on coverage of both client and server side JavaScript. Individuals learn to create interactive and dynamic user interfaces and integrate databases with Web sites. Transfer Credit: CSU

**BUSINESS  
COMPUTING C175** **1.5 Units**

**Microsoft Access, Level 1**

**Advisory:** BC C104 or experience with the Windows Operating System.

Using Microsoft Access, learn database basics. Design and create tables, forms, and reports. Create SELECT queries including aggregate functions and crosstab queries to analyze and filter data. This course may be taken two times. Transfer Credit: CSU

**BUSINESS  
COMPUTING C176** **1.5 Units**

**Microsoft Access, Level 2**

**Advisory:** BC C175 or fundamental skills using a personal database.

Hands-on continuation to Microsoft Access for Windows, emphasizing relational database design, maintenance, customized forms, built-in functions, macros, an introduction to Structured Query Language and an overview of Visual Basic for Applications. This course may be taken two times. Transfer Credit: CSU

**BUSINESS  
COMPUTING C180** **2.0 Units**

**Introduction to Multimedia**

**Advisory:** Experience with a personal computer.

The course defines multimedia and shows how it will affect the way we live, learn, work, and play. Various real-world applications will be examined, including business presentations, tutorial and interactive training, education, games, and entertainment on CD-ROM. Transfer Credit: CSU

**BUSINESS  
COMPUTING C181** **3.0 Units**

**Multimedia Essentials**

**Advisory:** Experience with a personal computer.

This course defines the individual building blocks involved in multimedia. An emphasis will be placed on the integration of elements into a multimedia production. Both hardware and software issues will be discussed as well as the role multimedia plays on the Internet. Transfer Credit: CSU

**BUSINESS  
COMPUTING C185** **1.5 Units**

**Microsoft PowerPoint**

**Advisory:** BC C104, C147 or C150 or strong ability to use Microsoft Windows.

Create powerful, effective, professional presentations using Microsoft PowerPoint for Windows. Hands-on introduction to Microsoft PowerPoint for Windows, including creating, organizing ideas, editing, communicating ideas, and printing presentations. Emphasis will be on learning to use the built-in Microsoft Wizards and drawing tools to quickly generate an electronic presentation utilizing charts, slides, text, color, and clipart. Transfer Credit: CSU

**BUSINESS  
COMPUTING C194** **3.0 Units**

**Web Accessibility**

**Advisory:** Basic knowledge of HTML.

The Web Accessibility course is designed to enable participants to create new, accessible Web sites and "fix" existing, non-accessible Web sites, all at the HTML coding level. Each unit of the course contains some background information about accessibility, specific strategies for making sites accessible, hands-on practice via several practice activities, assignments related to an individual Web accessibility project, and additional optional resources to expand one's knowledge about Web accessibility. Transfer Credit: CSU

**BUSINESS  
COMPUTING C202** **3.0 Units**

**ColdFusion**

**Advisory:** BC C171 or BC C171B, and BC C175 or BC C176 and keyboarding skills of at least 25 words per minute.

ColdFusion is a popular Web server and development environment. ColdFusion will encompass simple database-query applications and move to full-featured electronic-commerce systems. Included are ColdFusion tools, ColdFusion Markup Language (CFML), SQL, and the Verity search language. Transfer Credit: CSU

**BUSINESS  
COMPUTING C204** **1.5 Units**

**Using Structured Query Language (SQL)**

**Advisory:** Students enrolled in this class should have experience with either a relational database product or administration of a server-based database.

A vendor-neutral course in using Structured Query Language (SQL) to organize, modify, and retrieve data from a relational database. Transfer Credit: CSU

**BUSINESS  
COMPUTING C205** **3.0 Units**

**Building Dynamic Web Pages with PHP and MySQL**

**Advisory:** BC C168A or BC C171 or experience creating well formed HTML pages.

An introductory course designed to enable web developers and others with limited programming experience to build dynamic web pages using PHP programming language and MySQL database. Students will learn basic programming skills, how to embed PHP scripts in HTML pages, and how to connect to and query a MySQL database. Transfer Credit: CSU

**BUSINESS COMPUTING C281** 1.0 Unit  
**Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Business Computing for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Business Computing by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Business Computing. This course may be taken four times. Transfer Credit: CSU

**BUSINESS COMPUTING C282** 2.0 Units  
**Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Business Computing for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Business Computing by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Business Computing. This course may be taken four times. Transfer Credit: CSU

**BUSINESS COMPUTING C283** 3.0 Units  
**Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Business Computing for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Business Computing by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career, or occupational goal in Business Computing. This course may be taken four times. Transfer Credit: CSU

**BUSINESS COMPUTING C284** 4.0 Units  
**Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Business Computing for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Business Computing by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Business Computing. This course may be taken four times. Transfer Credit: CSU

**BUSINESS COMPUTING C300L** 1.0 Unit  
**Computer Laboratory**

**Advisory:** Concurrent enrollment in any Coastline Community College class.

Provides Computer lab time on IBM PCS and Macs. Instructors provide limited individual attention due to the variety of software used in the lab. This course may be taken four times.

**BUSINESS COMPUTING C306** 1.5 Units  
**Web site Internship**

**Advisory:** BC C171

Create and post web pages and maintain a web site for a specific department, instructor, agency, or company. Enhance websites with tips and tricks discussed in class. This course may be taken four times.

**CHEMISTRY**

**CHEMISTRY C100** 3.0 Units  
**Principles of Chemistry**

Analysis of problems of current concern to the individual relating to his/her surroundings and the role that chemistry plays both in these problems and in their possible solutions. Transfer Credit: CSU

**CHEMISTRY C105** 2.0 Units  
**Chemistry Explorations for Teachers**

A class in basic scientific principles and methods related to chemistry. Emphasis is on developing a molecular understanding of the world, and applying the scientific method to understanding everyday phenomena. Course is designed to introduce future elementary and middle school teachers to the central ideas of chemistry through a series of laboratory experiments, hands-on exercises, and discussions. Topics have been chosen to ensure coverage of the content in state and national science education standards. Letter Grade Only. Transfer Credit: CSU

**CHEMISTRY C110** 5.0 Units  
**Introduction to Chemistry**

**Advisory:** "C" or better in Elementary Algebra.

A lab science course in principles of inorganic, organic, and biochemistry for transfer and for A.A. Degree programs in nursing, dietetics, paramedical, and other allied health fields. Not for students planning to take CHEM C130. Transfer Credit: CSU; UC

**CHEMISTRY C130** 4.0 Units  
**Preparation for General Chemistry**

**Advisory:** "C" or better in Intermediate Algebra.

An introduction to both the principles and calculations of chemistry and lab techniques, especially for those students who will be continuing with future chemistry courses. Transfer Credit: CSU; UC

**CHEMISTRY C180** 4.0 Units  
**General Chemistry A**

**Prerequisite:** Completion of CHEM C130 or a recent high school chemistry course with a grade of C, and completion of MATH C030 or a recent high school course in intermediate algebra with a grade of C or appropriate placement on a math placement assessment.

This course is the first semester of a two-semester sequence (CHEM C180 and C185). A basic course in the principles of inorganic chemistry with special emphasis on chemical calculations and structure. Letter grade only. Transfer Credit: CSU; UC

**CHEMISTRY C180L** 1.0 Unit  
**General Chemistry A Laboratory**

**Prerequisite:** Completion of CHEM C130 or a recent high school chemistry course with a grade of C, and completion of MATH C030 or a recent high school course in intermediate algebra with a grade of C or appropriate placement on a math placement assessment.

**Co-requisite:** CHEM C180 (may be waived by demonstration of satisfactory completion CHEM C180 or equivalent.)

A basic laboratory course in the principles of inorganic chemistry and lab techniques with special emphasis on chemical calculations and structure. Letter grade only. Transfer Credit: CSU; UC

**CHEMISTRY C185** 4.0 Units  
**General Chemistry B**

**Prerequisite:** CHEM C180

This course is the second semester of a two-semester sequence (CHEM C180 and CHEM C185). A basic course in the principles of inorganic chemistry with special emphasis on chemical kinetics, chemical equilibrium, electro chemistry, nuclear chemistry, acids, and bases. Letter grade only. Transfer Credit: CSU; UC

**CHEMISTRY C185L** 1.0 Unit  
**General Chemistry B Laboratory**

**Prerequisite:** CHEM C180 and CHEM C180L

**Co-requisite:** CHEM C185

This course is the second semester of a two-semester sequence (CHEM C180L and CHEM C185L). A basic course in the principles of inorganic chemistry and lab techniques with special emphasis on chemical kinetics, chemical equilibrium, electro chemistry, nuclear chemistry, acids, and bases. Letter grade only. Transfer Credit: CSU; UC

**CHEMISTRY C220** 3.0 Units  
**Organic Chemistry A**

**Prerequisite:** CHEM C185 with grade of "C" or better.

This course is the first semester of Organic Chemistry, a two semester, which includes topics on the properties and reactions of aliphatic and aromatic organic compounds. Emphasis is placed on the reaction mechanisms, fundamental principles, and modern instrumental methods. Letter grade only. Transfer Credit: CSU

**CHEMISTRY C221**                      **2.0 Units**  
**Organic Chemistry A Laboratory**  
Prerequisite: CHEM C185 with grade of "C" or better.  
Co-requisite: Concurrent enrollment in CHEM C220.  
Theory and techniques of separation, purification, synthesis, and analysis of organic compounds, including instrumental methods of chromatography and spectroscopy. Letter grade only. Transfer Credit: CSU

**CHEMISTRY C225**                      **3.0 Units**  
**Organic Chemistry B**  
Prerequisite: CHEM C220 with grade of "C" or better.  
This course is the second part of Organic Chemistry, two semesters, which includes topics on the properties and reactions of aliphatic and aromatic organic compounds. Emphasis is placed on the reaction mechanisms, fundamental principles, and modern instrumental methods. Letter grade only. Transfer Credit: CSU

**CHEMISTRY C226**                      **2.0 Units**  
**Organic Chemistry B Laboratory**  
Prerequisite: CHEM C221  
Co-requisite: CHEM C225  
Theory and techniques of separation, purification, synthesis, and analysis of organic compounds, including instrumental methods of chromatography and spectroscopy. Letter grade only. Transfer Credit: CSU

## CHINESE

**CHINESE C180**                      **5.0 Units**  
**Elementary Chinese 1**  
Advisory: Students who have completed two years of high school Chinese with a grade of "C" or better should enroll in CHIN C185 or C185A.  
This course is designed to develop the student's fundamental ability to both comprehend and converse in daily spoken Chinese. Early reading and writing skills are introduced, as well as Chinese customs and culture. Transfer Credit: CSU; UC credit limitations. See counselor.

**CHINESE C180A**                      **2.5 Units**  
**Elementary Chinese 1A**  
Advisory: Students who have completed two years of high school Chinese with a grade of "C" or better should enroll in CHIN C185 or C185A.  
This course is designed to develop the student's fundamental ability to both comprehend and converse in daily spoken Chinese. Grammar, vocabulary, and pronunciation are emphasized. Early reading and writing skills are introduced, as well as appreciation and understanding of Chinese customs and culture. Transfer Credit CSU; UC credit limitations. See counselor.

**CHINESE C180B**                      **2.5 Units**  
**Elementary Chinese 1B**  
Prerequisite: CHIN C180A  
Advisory: Students who have completed two years of high school Chinese with a grade of "C" or better should enroll in CHIN C185 or C185A.

This course is designed to develop the student's fundamental ability to both comprehend and converse in daily spoken Chinese. Grammar, vocabulary, and pronunciation are emphasized. Early reading and writing skills are introduced, as well as appreciation and understanding of Chinese customs and culture. Transfer Credit CSU; UC credit limitations. See counselor.

**CHINESE C182**                      **1.0 Unit**  
**Conversational Chinese**  
Prerequisite: CHIN C180 or C180B  
Speaking, understanding, reading, and writing Chinese (Mandarin), with emphasis on tradition and customs of China. Transfer Credit: CSU

**CHINESE C185**                      **5.0 Units**  
**Elementary Chinese 2**  
Prerequisite: CHIN C180 or C180B  
This course is designed to further develop the essential communication skills in Mandarin Chinese based on the Pinyin system, Chinese characters, and basic communicative skills learned in CHIN C180. The goal of this course is to have students carry more sophisticated communicative tasks by increasing their listening, speaking, reading, and writing proficiency. The course presents more complex language structures and further explores aspects of Chinese daily life, culture and customs. Transfer Credit: CSU; UC Credit Limitations, See counselor

**CHINESE C185A**                      **2.5 Units**  
**Elementary Chinese 2A**  
Prerequisite: CHIN C180 or C180B  
Continuation of CHIN C180. First half of CHIN C185. Designed to develop the student's fundamental ability to both comprehend and converse in daily spoken Chinese. Sentence patterns, vocabulary and pronunciation are emphasized. Reading and writing skills are continuously introduced as well as appreciation and understanding of Chinese customs and cultures in China, Taiwan and elsewhere. CHIN C180 and C185 together constitute the beginning level of the language. Transfer Credit: CSU; UC Credit Limitations, See counselor.

**CHINESE C185B**                      **2.5 Units**  
**Elementary Chinese 2B**  
Prerequisite: CHIN C185A  
Continuation of CHIN C185A. CHIN C185B is the second half of CHIN C185. Designed to develop the student's fundamental ability to both comprehend and converse in daily spoken Chinese. Sentence patterns, vocabulary and pronunciation are emphasized. Reading and writing skills are continuously introduced as well as appreciation and understanding of Chinese customs and cultures in China, Taiwan and elsewhere. CHIN C180 and C185 together constitute the beginning level of the language. Transfer Credit: CSU; UC Credit Limitations, See counselor.

**CHINESE C280**                      **4.0 Units**  
**Intermediate Chinese 1**  
Prerequisite: CHIN C185 or C185B

CHIN C280 is a continuation of CHIN C185 or C185B. It is designed to develop further the abilities students have attained to comprehend and converse daily in spoken and written Chinese at an intermediate level. Reading and writing skills are stressed and enhanced. Cultural notes, authentic reading materials, literary selections, and grammar beyond the phrasal level present new concepts to stimulate vocabulary acquisition, to provoke expressive ability, and to generate communicative competency. Cultural and philosophical aspects of the Chinese-speaking world will also be discussed. Transfer Credit: CSU; UC

**CHINESE C285**                      **4.0 Units**  
**Intermediate Chinese 2**  
Prerequisite: CHIN C280 or C280B

CHIN C285 is a continuation of CHIN C280 or of C280B. It is designed to develop further the abilities students have attained to comprehend and converse, to read and to write with everyday Chinese at an intermediate level. Reading and writing skills are stressed and enhanced in this last of the basic-skills language sequence for Chinese. Cultural notes, authentic reading materials, literary selections, and grammar beyond the phrasal level present new concepts to stimulate vocabulary acquisition, to provoke expressive ability, and to generate communicative competency. Cultural and philosophical aspects of the Chinese-speaking world will also be addressed. Transfer Credit: CSU; UC

## COMMUNICATIONS

**COMMUNICATIONS C100**                      **3.0 Units**  
**Introduction to Mass Communications**  
A study and analysis of the major media: newspapers, magazines, radio, and television covering how they function and affect society. Transfer Credit: CSU; UC

**COMMUNICATIONS C140**                      **3.0 Units**  
**Public Relations**  
Overview and analysis of the management of publicity using the media as a vehicle to persuade and influence groups of people through effective organizational communications. Various examples of successful campaigns will be examined in addition to historical events and contemporary publicity. Transfer Credit: CSU; UC

**COMMUNICATIONS C150**                      **3.0 Units**  
**Introduction to Radio, TV, Film**  
Overview and analysis of the radio, TV, and film industries in the U.S. with emphasis on the historical, cultural, and technical functions of each medium. Broadcast advertising, audience ratings, broadcast law and regulations are also explored in addition to the impact of global broadcasting, cable TV, the Internet, and satellite technologies. Transfer Credit: CSU

## COMPUTER INFORMATION SCIENCE

(ALSO, SEE COURSES LISTED UNDER INFORMATION AND COMPUTER SCIENCE)

### COMPUTER INFORMATION SCIENCE C100 3.0 Units Introduction to Information Systems

This course prepares students with a non-programming introduction to information systems and personal computer applications including word processing, spreadsheets, database and presentation software. This course may be taken two times. Transfer Credit: CSU

### COMPUTER INFORMATION SCIENCE C110 1.5 Units Introduction to Programming with Visual Basic.Net

This course teaches the students the fundamentals of programming with emphasis on programming, coding, and troubleshooting tips using Visual Basic.Net. This course may be taken two times. Transfer Credit: CSU

### COMPUTER INFORMATION SCIENCE C111 4.0 Units Introduction to Information Systems and Programming

This course is an overview of information systems and programming. Topics include Visual Basic, file concepts, electronic spreadsheets, database management, and use of Internet software. Course meets the lower division computer requirement for business majors at some CSU and UC campuses. The course may be taken two times. Transfer Credit: CSU

### COMPUTER INFORMATION SCIENCE C150 3.0 Units Introduction to C++

This course covers the beginning concepts of C++ programming. Students, with no prior computer programming knowledge, will learn the fundamentals of writing computer programs using C++. This course may be taken two times. Transfer Credit: CSU

### COMPUTER INFORMATION SCIENCE C171 1.0 Unit Computer Programming with Alice

**Advisory:** Ability to use a Graphical User Interface operating system (such as Vista or MAC OS).

Introduces both majors and non-majors to the concepts and topics of computer and simulation programming. Students with develop algorithmic thinking and abstraction through the use of a 3-D animation programming environment. This course is designed for beginning programmers, and web developers who need to understand object oriented concepts. Transfer Credit: CSU

### COMPUTER INFORMATION SCIENCE C190 3.0 Units

#### Introduction to Geographic Information Systems

**Advisory:** BC C121 and C175

An introduction to the concepts and use of Geographic Information Systems (GIS) and its role in analysis and decision making. Course work is based on the mapping and spatial analysis capabilities of the ArcView software program. Students will be introduced to basic cartographic principles, maps, scales, coordinate systems, and projections. Through computer lab tutorials and case studies, students will learn to use ArcView to view relationships, patterns, or trends that are not possible to see with traditional charts, graphs, and spreadsheets. This course may be taken four times. Transfer Credit: CSU

### COMPUTER INFORMATION SCIENCE C191 3.0 Units

#### Intermediate Geographic Information Systems

**Advisory:** CIS C190

This intermediate course provides further study in ArcView; it is a continuation of the skills and concepts learned in CIS C190, Introduction to Geographic Information System (GIS). Course work is based on the mapping and spatial analysis capabilities of ArcView software. Students will be creating and editing spatial data and geocode data, perform spatial data processing, and conduct spatial analysis. This course may be taken four times. Transfer Credit: CSU

## COMPUTER SERVICES TECHNOLOGY

### COMPUTER SERVICES TECHNOLOGY C102 3.0 Units

#### Panduit Network Infrastructure Essentials

Authorized Cisco Academy PNIE course. Lecture and labs in this course will include topics such as basic networking concepts, copper cabling, and different modes of fiber optics, safety principles, and cabling installation processes. Emphasis on hands-on training. This course may be taken four times. Transfer Credit: CSU

### COMPUTER SERVICES TECHNOLOGY C111 3.0 Unit

#### VMware vSphere

**Advisory:** CST C112 or CST C113

Virtualization allows consolidation of several hardware servers into a single hardware server to realize significant cost savings. vSphere allows for whole server farms to be consolidated on only a few physical servers. Students will learn how to partition a physical server into several virtual machines as well as how to centralize and simplify management, including how to expand capacity, optimize performance, and track cost savings using vSphere. This course may be taken four times. Transfer Credit: CSU

### COMPUTER SERVICES TECHNOLOGY C112 1.0 Unit

#### Introduction to VMware

**Advisory:** CST C116, C117, and C128

Virtualization allows a business or student to expand the utilization of a computer system. For Business it means consolidating server sprawl, optimizing technology assets, developing business continuity solutions, increasing IT productivity, and saving money. For computer technology students it means running multiple computer operating systems (Microsoft, Linux, & Novell) simultaneously on the same computer. This course may be taken four times. Transfer Credit: CSU

### COMPUTER SERVICES TECHNOLOGY C113 2.0 Units

#### Survey of Virtual Software

**Advisory:** CST C116 or C117, or C128

This class is a hands-on survey of several of the Virtualization Software products available. It includes VMWare Server, Microsoft Virtual PC, and SUSE Xen Works as well as several other products. Virtualization Software allows businesses to achieve the maximum use of their computer system potential and better plan for business continuity. Students will find that they can have multiple operating system environments for each class. This course may be taken four times. Transfer Credit: CSU

### COMPUTER SERVICES TECHNOLOGY C114 2.0 Units

#### Microsoft Office Visio

Examine, visualize, explore, and communicate complex information, data systems, processes and organizations. Learn how to quickly develop computer network diagrams, flowcharts, business process diagrams, timelines, calendars, floor plans, organizational charts, facilities management information, business intelligence, and to model and analyze business processes. This course may be taken four times. Transfer Credit: CSU

### COMPUTER SERVICES TECHNOLOGY C115 1.5 Units

#### Command/Line Scripting

This course prepares students to use Command Line Utilities and scripting techniques to manage and maintain operating systems and network appliances. This course may be taken two times. Transfer Credit: CSU

### COMPUTER SERVICES TECHNOLOGY C116 3.0 Units

#### A+ Essentials Hardware

The A+ Essentials Hardware course maps to CompTIA's A+ Essentials Hardware exam. Course covers topics related to installing, building, upgrading, repairing, configuring, troubleshooting, optimizing, diagnosing, and performing preventive maintenance of basic personal computer hardware. Lecture and hands-on experience in structured labs is included. This course may be taken two times. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C117**                      **3.0 Units**

**A+ Essentials Software**

**Advisory: CST C116**

The A+ Essentials Software course teaches necessary competencies for an entry-level IT professional. Topics include Personal Computer Components, Operating Systems, Networks, and Security. Lecture and hands-on experience in structured labs is included. The A+ Essentials Software course maps to CompTIA's A+ Essentials exam. This course may be taken two times. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C118**                      **1.5 Units**

**Network +**

**Advisory: CST C115, C116 and C117**

A basic study of networking technologies focusing on the features and functions of networking components, the knowledge and hands-on skills needed to install, configure and troubleshoot basic networking hardware, protocols and services. The course is based on the CompTIA Network+ exam objectives. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C120**                      **1.5 Units**

**A+ Test Review**

**Advisory: CST C116 and C117**

This course provides a hands-on review of materials covered in other CST A+ courses and is designed for those students who currently have a working knowledge of current Computer Hardware and Software configurations and topics. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C126**                      **3.0 Units**

**A+ Help Desk**

**Advisory: CST C116**

This course is designed for Individuals who work as help desk, call center, and remote support technicians with emphasis on troubleshooting, problem Identification, and customer service. This course may be taken two times. (CompTIA Test 220-603) Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C128**                      **3.0 Units**

**Network+/Introduction to Networking**

**Advisory: CST C115 or concurrent enrollment or successful completion of DOS test.**

This Network + certification course provides an in-depth survey of the field of Networking, including terms, OSI model, various NOS, certification requirements, and security. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C138**                      **3.0 Units**

**Network Service Monitoring**

**Advisory: CST C128**

This course provides the networking professional a complete foundation of knowledge for monitoring network services. Students will learn to install and configure software to monitor servers and network devices using methods such as SNMP and SYSLOG. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C150**                      **3.0 Units**

**NetWare Administration**

**Advisory: CST C118 and C128**

This course is designed to provide students with basic knowledge about implementing NetWare using its management tools. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C153**                      **3.0 Units**

**CompTIA Convergence +**

**Advisory: CST C128 and C215**

This course covers convergence skills including basic analysis, specification, implementation and management of basic components of data, voice and multimedia convergence applications and technologies. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C157**                      **3.0 Units**

**Microsoft SQL Database Development**

**Advisory: CST C172**

Provides an introduction to relational database fundamentals and SQL programming skills in the Microsoft environment. Topics covered include relational database architecture, database design techniques, and simple and complex query skills. This class is intended for students new to the SQL programming language. This course may be taken four times. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C160**                      **3.0 Units**

**Windows XP Professional**

**Advisory: CST C128**

This course teaches the students to plan, install, configure, and support a Windows XP Professional computer in a standalone or network environment. (Microsoft Test #70-270) Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C161**                      **3.0 Units**

**Installing and Configuring Microsoft Vista Operating System**

**Advisory: CST C128**

This course teaches the students to plan, install, configure, and support a Windows Vista Operating System in a standalone or network environment. (Microsoft Test #70-n620) Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C165**                      **3.0 Units**

**Managing and Maintaining a MS Windows Server 2003**

**Advisory: CST C128**

This course provides students with the knowledge and skills that are required to manage accounts and resources, maintain server resources, monitor server performance, and safeguard data in a Microsoft Windows Server 2003 environment. (Microsoft Course #2273, Test #70-290) Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C167**                      **3.0 Units**

**Implementing Windows 2000 Network Infrastructure**

**Advisory: CST C161**

This course is designed for professionals who will be responsible for installing, configuring, managing and supporting a network infrastructure that uses the Windows 2000 Server products. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C172**                      **3.0 Units**

**SQL Server Design and Implementation**

**Advisory: CST C165**

Installing, configuring administering and maintaining the Microsoft SQL Server database management system. Students will learn how to design logical and physical databases, create data structures, monitor secure and optimize a database, and evaluate and implement High Availability options. This course may be taken four times. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C173**                      **3.0 Units**

**MCTS – Microsoft Exchange Server – Configuration**

**Advisory: CST C165**

Microsoft Exchange Server is the e-mail solution offered by Microsoft. In this course students will learn to support, maintain, and secure a reliable messaging infrastructure in a medium to large sized messaging environment. This course is intended to give the student a basis of understanding to both maintain the Microsoft Exchange Server and to be a preparation tool for the Microsoft certified exam. This course may be taken four times. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C176**                      **1.5 Units**

**Designing Security for Microsoft Servers**

**Advisory: CST C165**

This course provides the knowledge and skills to design and implement Network Security on a Microsoft network, including assembling the design team, modeling threats, and analyzing security risks in order to meet business requirements for securing computers in a networked environment. Microsoft exam 70-298. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C177**                      **1.5 Units**

**Configuring Windows Vista Mobile Computing and Applications**

**Advisory: CST C161**

This course teaches students the skills to configure mobile computers and applications running on Windows Vista (Microsoft Course 5116). Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C178**                      **3.0 Units**

**Deploying & Maintaining Windows Vista Client 2007 Office Desktop**

**Advisory: CST C161**

This course teaches the deployment of Vista Professional and the business Desktop including installation, configuration and optimization. (Microsoft Courses 5105 and 5058) Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C179**                      **1.5 Units**

**Implementing Microsoft Office SharePoint Server 2007**

**Advisory: CST C161**

This course teaches the installation, configuration and optimization of the Microsoft SharePoint server (Microsoft Course 5061). Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C181** 3.0 Units  
**Oracle Database Programming with SQL**  
Advisory: CST C172

This course provides students with a working knowledge of relational databases using Oracle SQL through design and maintenance. SQL commands, functions and operators supported by Oracle as extensions to standard SQL are emphasized. This course supports "Oracle PL/SQL Developer Certified Associate" certification. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C184** 3.0 Units  
**MS Server 2008 Active Directory Configuration**  
Advisory: CST C128

This course provides students with the knowledge and skills to configure Active Directory Domain Services in a distributed environment, implement Group Policies, perform backup and restore and monitor and troubleshoot Active Directory related issues. Covers topics associated with the Microsoft 70-640 MCTS exam. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C185** 3.0 Units  
**MS Server 2008 Network Infrastructure**  
Advisory: CST C128

This course provides students with the knowledge and skills to configure and troubleshoot a Windows Sever 2008 network infrastructure. Students will learn to implement and configure secure network access and implement fault tolerant storage technologies through secure servers and IP-enabled networks. Covers topics associated with the Microsoft 70-642 MCTS exam. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C186** 3.0 Units  
**MS Server 2008 Applications Infrastructure Configuration**  
Advisory: CST C128

This course provides students with the knowledge and skills to configure and deploy Microsoft 2008 Applications, using applications server, IIS, terminal services, and application services. Covers topics associated with Microsoft 70-643 MCTS exam. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C187** 3.0 Units  
**MS Exchange Server 2007 Configuration**  
Advisory: CST C128

This course provides students with the knowledge and skills to install, configure, and maintain Microsoft Windows 2007 Exchange and include managing security and recipient objects/lists, mobile email retrieval, and migration. Covers topics associated with the Microsoft Exchange 2007. 70-236 TS exam. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C188** 3.0 Units  
**Configuring Microsoft Windows 7**  
Advisory: CST C128

This course provides students with hands-on experience with Windows 7 deployment, upgrades, compatibility, system settings, security features, network connectivity and mobile computing. This course covers the material from the Microsoft MCTS 680 exam. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C191** 3.0 Units  
**CompTIA Linux +**  
Advisory: CST C116 or CST C117 or CST C128

Linux + is CompTIA's vendor neutral entry level certification. Like most of CompTIA's certifications (A+, Net+, etc) Linux + has become the entry level "must have" certification. You will explore the history, various releases of Linux, and experience the installation of several of the versions. You will compare and contrast KDE against Gnome, traverse the Linux file system structure, explore the wonders of VI—scripts and the Command Line. What is a Runlevel? You will know at the end of this class. Before it is over, you will document, archive, back up, and secure the workstation. This course may be taken four times. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C195** 1.5 Units  
**Fundamentals of Linux**  
Advisory: CST C116 or C117

This course teaches students to use the basic Linux OS and Operating System commands. These include file system navigation, Graphical User Interfaces (GUI) such as Gnome and KDE, file permissions, the Linux text editors, command shells, and basic network commands. This class is mapped to the Novell CLP and LPI level 1 guidelines. This class is based upon the Novell SUSE Linux Enterprise Fundamentals, the first course in the Novell CLP certification. This course may be taken four times. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C196** 3.0 Units  
**Linux Administration I**  
Advisory: CST C118 or C128 and C195

This course provides the student with information about the essential tasks of Linux Server and network installations, file system management, backup procedures, process control, user administration, and device management. This is the second in a series of three classes and is targeted at the network administration level. This class maps to the LPI level II, Novell CLA, and CompTia Linux+ test objectives. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C201** 3.0 Units  
**Cisco Fundamentals/CCNA 1**

Lecture and labs in this introductory course will include topics such as the OSI model, IP addressing, basic cabling, network topologies, and an intro to configuring Cisco devices. This is the first in a series of courses providing preparation for students seeking the Cisco CCNA Certification. Emphasis is on hands-on training. This course may be taken four times. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C202** 3.0 Units  
**Cisco Router Configuration/CCNA 2**  
Advisory: CST C201

This course covers routing protocols, VLSM and CIDR, and RIP. It provides an introduction to the CLI and Cisco Router Configuration. This is the second in a series of courses providing preparation for students seeking the Cisco CCNA Certification. Emphasis is on hands-on training. This course may be taken four times. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C203** 3.0 Units  
**Cisco Switching/CCNA 3**  
Advisory: CST C202

This course covers switch concepts, LAN design, VLAN implantation, interVLAN routing, VTP, and Cisco switch configuration. This is the third in a series of courses providing preparation for students seeking the Cisco CCNA Certification. Emphasis is on hands-on training. Cisco Academy requires that students complete CCNA 1 (CST C201) prior to enrollment in this course. This course may be taken four times. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C204** 3.0 Units  
**Cisco WAN Configuration/CCNA 4**  
Advisory: CST C201 and C202 and C203

This course includes topics such as WAN technologies; Access Control Lists (ACLs), WAN protocols, Natting, Security, and Frame Relay. This is the fourth and last in a series of courses providing preparation for students seeking the Cisco CCNA Certification Emphasis is on hands-on training. Cisco Academy requires that students complete CCNA 1 (CST C201) prior to enrollment in this course. This course may be taken four times. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C205** 3.0 Units  
**CCNP: Implementing Cisco IP Routing**  
Advisory: CST C204 or CCNA

Students will learn to plan designs, perform tasks, and interpret performance measurements. Hands-on activities include configuring and verifying routing and routing protocols. This course covers the material in the current version of Implementing Cisco IP Routing. This course may be taken four times. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C206** 3.0 Units  
**Implementing Secure Converged Wide-Area Networks/CCNP 2**  
Advisory: CST C204 or CCNA

Introduction to secure enterprise-class network services. Learn to secure and expand the reach of an Enterprise Network. Topics include teleworker configuration and access, MPLS, IPSEC VPN, Cisco ZVPN, Cisco device hardening, IOS firewall features. This course may be taken four times. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C207 3.0 Units**

**Building Multilayer Switched Networks/  
CCNP 3**

**Advisory: CCNA**

Authorized Cisco Networking Academy CCNP course. This course covers VLAN's, Spanning-tree protocol, interVLAN routing, implementing security features, and designing and implementing a multilayer switched network. Emphasis on hands on training. This course may be taken four times. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C208 3.0 Units**

**CCNP: Troubleshooting and Maintaining  
Cisco IP Networks**

**Advisory: CST C205**

Students will learn to plan tasks, evaluate designs, and interpret performance measurements. Hands-on activities will include configuring, verifying, and troubleshooting a Cisco IP Network. This course covers the material in the current version of Troubleshooting and Maintaining Cisco IP Networks. The course may be taken four times. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C213 1.5 Units**

**Cisco Network Design**

**Advisory: CST C204**

This course teaches students the steps needed to design an internetwork that meets customer needs. Students will design a LAN and WAN using techniques that meet the objectives for the Cisco Certified Design Associate (CCDA) exam. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C215 1.5 Units**

**Introduction to Voice over IP**

**Advisory: CST C118 or C128 or CCNA**

This course teaches the basics of IP telephony and VoIP. Topics will include: PSTN vs VoIP, Enterprise Telephony, basic Telephony Signaling, and VoIP Technology. There is also a hands-on component that will teach basic VoIP setup. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C217 3.0 Units**

**Cisco Call Manager Express**

**Advisory: CST C215**

This is a second course in VoIP. Topics covered will include benefits of VoIP, OSI reference model, in depth analysis of VoIP issues, QOS, VoIP configuration issues, and VoIP applications and services. Lecture and hands-on components allow students to set up a working network. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C218 3.0 Units**

**Cisco VoIP Unity Express Voice Mail**

**Advisory: CST C202, C203, C215, C217, or CCNA**

This course is the third course in a series of VoIP courses designed to teach the basics of installing and configuring a Cisco VoIP Unity Express Voice Mail. It will include such topics as Cisco IPC Express Automated Attendant, Cisco IPC Express Integrated Voice Mail, and Cisco CME External Voice Mail. Hands-on instruction allows student to set-up and configure a basic VoIP voice mail system. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C219 3.0 Units**

**Introduction to Cisco Call Manager**

This is the second in a series of courses that will provide the skills necessary to configure and manage Cisco Call Manager. Hands-on training will allow students to set up a Voice over IP (VoIP) network, IP phones, and Voice Gateway. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C230 3.0 Units**

**Security Essentials**

**Advisory: CST C128**

This class is a survey of Network/Internet security. It will help prepare you for the CompTIA Security+ Exam as well as for the rest of the Security program at Coastline. Topics will cover: Authentication, Malicious Code, Web Security, Intrusion Detection, Cryptography, and biometrics. Class will have lecture and hands-on components. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C232 3.0 Units**

**Ethical Hacking**

**Advisory: CST C230**

What is the motive of a hacker, and how does he or she go about selecting and attacking a system? This course is designed to help the student understand the mind of a hacker. It will look at some of the tools that a hacker uses to gain access to a system and demonstrate ways to strengthen the system against those tools. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C237 1.5 Units**

**Cisco ASA and Network Security**

**Advisory: CCNA**

Network security is moving towards all-in-one security solutions. This course covers the Cisco Adaptive Security Appliance (ASA). Students will learn to configure the Cisco ASA to identify, mitigate, and respond to network attacks. This course may be taken four times. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C245 3.0 Units**

**Exploring Computer Forensics**

**Advisory: CST C232 and C238**

Introduction to Computer Forensics Investigations. The class will cover such topics as how to recognize that a computer crime has occurred and steps to follow when acquiring, authenticating, and analyzing data on a compromised system. Hands-on portion will explore the use of several Computer Forensics tools. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C248 3.0 Units**

**Certified Wireless Network  
Administrator**

**Advisory: CST C247**

This course provides the networking professional a complete foundation of knowledge for entering into or advancing in the wireless networking industry. Students will learn to design and construct wireless networking infrastructures, interoperate with other wireless networks, and design and build a wireless antenna. This course follows material suggested for the CWNA Certification. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C252 1.5 Units**

**Cisco Security Virtual Private Networks  
(VPNs)**

**Advisory: CCNA**

Students will learn how to implement VPN's on Cisco firewalls and routers. This course uses the same equipment as the Cisco ASA and Network Security class. Lecture and hands-on experience in structured labs will supply students with the skills to design, implement, maintain and troubleshoot a VPN. This course may be taken two times. Transfer Credit: CSU.

**COMPUTER SERVICES  
TECHNOLOGY C253 3.0 Units**

**Cisco ASA, PIX, and Network Security**

**Advisory: CCNA**

Network security is moving towards unified security solutions. This course covers the Cisco Adaptive Security Appliance (ASA) and Cisco Private Internet Exchange (PIX). Students will learn to configure the Cisco ASA and PIX to identify, mitigate, and respond to network attacks. This course may be taken four times. Transfer Credit: CSU.

**COMPUTER SERVICES  
TECHNOLOGY C254 3.0 Units**

**Cisco IPS/CCSP**

**Advisory: CCNA**

This course will help the student prepare for one of the Cisco CCSP IPS exams. This course covers IPS concepts, Command Line Interface and IPS Device Manager, IPS signature engines, event monitoring, sensor maintenance, and capturing network traffic. Emphasis on hands-on training. This course may be taken four times. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C258 3.0 Units**

**Linux Networking and Security**

**Advisory: CST C191**

Introductory course exploring the Linux operating system including theory and hands-on application of topics covering command line utilities, graphical tools, networking protocols and services, user and group management, system permissions, and security. This course may be taken four times. Transfer Credit: CSU

**COMPUTER SERVICES  
TECHNOLOGY C260 1.5 Units**

**CISSP (Certified Information Systems  
Security Professional)**

**Advisory: CST C128 and C230**

This course covers the ten domains of information security known as the CISSP Common Body of Knowledge (CBK). Completing this course does not guarantee CISSP certification; however, the course addresses the test objectives defined by (ISC)<sup>2</sup> for the CISSP examination. Transfer Credit: CSU

**COMPUTER SERVICES TECHNOLOGY C271** 1.5 Units**Become a Security Consultant**

Advisory: CST C128 and C230

This course shows the student how to become a security consultant. Topics will include what a security consultant is and how one becomes a security consultant and will explain the tools used, the type of training needed, and the ethics of security consulting. There will be a lecture and hands-on portions of the course with the hands-on portion demonstrating tools commonly used by a security consultant. Transfer Credit: CSU

**COMPUTER SERVICES TECHNOLOGY C281** 1.0 Unit**Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Computer Services Technology for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Computer Services Technology by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Computer Services Technology. This course may be taken four times. Transfer Credit: CSU

**COMPUTER SERVICES TECHNOLOGY C282** 2.0 Units**Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Computer Services Technology for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Computer Services Technology by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Computer Services Technology. This course may be taken four times. Transfer Credit: CSU

**COMPUTER SERVICES TECHNOLOGY C283** 3.0 Units**Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Computer Services Technology for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Computer Services Technology by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Computer Services Technology. This course may be taken four times. Transfer Credit: CSU

**COMPUTER SERVICES TECHNOLOGY C284** 4.0 Units**Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Computer Services Technology for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Computer Services Technology by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Computer Services Technology. This course may be taken four times. Transfer Credit: CSU

**COMPUTER SERVICES TECHNOLOGY C390L** 0.5 Unit**Network Laboratory**

**Advisory:** Concurrent enrollment in any Coastline Community College class.

The lab provides supervised computer lab time on network computers and servers. Microsoft, CompTIA, Cisco and other networking students can utilize specialized software and hardware for additional "hands-on" practice. This class may be taken four times.

**COUNSELING****COUNSELING C100** 1.0 Unit**Career/Life Planning**

An introduction to career/life planning including an exploration of interests, skills, values, personality traits, past experiences and life stages. Students will develop a career/life plan using gathered self-information, decision-making strategies and an awareness of psychological, sociological and physiological factors related to career/life satisfaction. Transfer Credit: CSU

**COUNSELING C101** 3.0 Units**(Same as HSVC C101)****Helping Theories and Intervention Strategies**

An overview of the major helping theories and strategies in the counseling process. Emphasis will be placed on enabling students to develop theoretical foundations and apply appropriate intervention strategies. Topics covered include dealing with a crisis and disaster, clarifying personal values, solving common problems encountered as a helper, and case management. Transfer Credit: CSU

**COUNSELING C105** 3.0 Units**Succeeding in College**

This course is designed to increase success in achieving educational, career, and life goals. It includes information on learning styles and strategies, time management, decision making, goal setting, college resources and services, memory techniques, note-taking, test-taking, and other success techniques. Students will develop educational and career plans. Transfer Credit: CSU; UC

**COUNSELING C120** 2.0 Units**Job Search Strategies**

Meeting the challenges of the current employment environment. Emphasis on traditional and non-traditional coordinated job search strategies and labor market trends. These include application and resume preparation, mailable cover letters and thank-you notes, interview techniques, follow-up procedures and employment-offer evaluation. Transfer Credit: CSU

**CRIMINAL JUSTICE**

The Criminal Justice courses below are offered online through the Military/Contract Education Program only. Students who reside in the Orange County area and who are not eligible for enrollment in our global military/contract education program are encouraged to visit our sister college, Golden West College, for local course offerings. Students may elect to receive the concentration in Criminal Justice by completing 12 units of Criminal Justice courses offered through distance learning contract/military education. Credits earned through military training and experience may satisfy this requirement. Students may also elect to obtain a Sociology Major with a specialization in Criminal Justice.

**CRIMINAL JUSTICE C110** 3.0 Units**Criminal Investigation**

This course examines fundamental principles and procedures employed to effectively investigate criminal cases. Students explore traditional methods used to manage crime scenes, preserve evidence and write reports. Students also recognize how to effectively develop sources of information, as well as obtain information from witnesses and suspects. Emphasis is placed on the investigation of specific crimes and the role of the investigator as a liaison in the criminal trial. Transfer Credit: CSU

**CRIMINAL JUSTICE C128** 3.0 Units**Criminal Procedure**

This course explores some of the basic protections the U.S. Constitution affords citizens against government intrusion when individuals are suspected of criminal conduct. It allows students to analyze legal and practical problems related to search and seizure, arrest, and interrogation law from the perspective of both law enforcement and the community member. Emphasis is placed on court decisions involving specific amendments to the Bill of Rights, as well as the Due Process Clause of the Fourteenth Amendment. Topics include important legal concepts such as the exclusionary rule, stop and frisk, probable cause, and Miranda warnings. Transfer Credit: CSU

**CRIMINAL JUSTICE C135** 3.0 Units**Introduction to Policing**

This course gives students an overview of the police and their mission. It examines the evolution of policing as well as methods, issues, and challenges to present day policing. The course also looks at technology in the service of law enforcement and explores the future of policing. Emphasis is placed on the student's developing a proper understanding of police accountability and ethical behavior. Transfer Credit: CSU

**CRIMINAL JUSTICE C140 3.0 Units**  
**Introduction to Criminal Justice**

An introductory course that examines the history, development and philosophy of the American criminal justice system. Provides an overview of law enforcement, courts and correctional systems in a democratic society. Topics include the major theories of crime causation, the nature and scope of police work, the role of courts and prison life in the United States. Covers recent trends in terrorism prevention and homeland security matters. Transfer Credit: CSU

**CRIMINAL JUSTICE C141 3.0 Units**  
**Criminal Law**

An introduction to the general doctrines of criminal liability. This course covers the historical and philosophical foundations of criminal law, as well as its purpose and structure. Students examine major conceptual legal principles and terminology. Topics include constitutional issues, legal causation, criminal defenses, parties to a crime, and inchoate offenses. Emphasis is placed on court decisions and their impact on law enforcement activities. Transfer Credit: CSU

**CRIMINAL JUSTICE C146 3.0 Units**  
**Written Communication for Criminal Justice**

This course presents techniques for accurately communicating information and ideas in a clear, concise manner within the context of the criminal justice community. It focuses on developing the student's ability to organize information and prepare effective written correspondence in a law enforcement, court, or correctional environment. The course emphasizes instruction in the mechanics of writing, vocabulary development, and methods of effectively gathering information. Students practice note-taking, report writing, and investigative strategies to assist in the administration of justice. Transfer Credit: CSU

**CRIMINAL JUSTICE C148 3.0 Units**  
**Multi-Cultural Studies in Criminal Justice**

This course examines current issues and social problems relating to the administration of justice in a culturally diverse society. It focuses on the cross-cultural contact that criminal justice professionals have with citizens, victims, suspects, and coworkers from diverse backgrounds. The course emphasizes law enforcement's role and responsibility in understanding cultural differences and respect toward those of different backgrounds. Topics include prejudice in law enforcement, hate crimes, jury bias, racial profiling, disparate treatment in prisons, and terrorism/homeland security considerations. Transfer Credit: CSU

## **CUSTOMER SERVICE ACADEMY**

**CUSTOMER SERVICE ACADEMY C010 0.5 Unit**

**Customer Service**

This course is designed to provide the student with certain key skills and attitudes in order to effectively meet the needs of customers. The student will be introduced to the concept of internal and external customers, customer satisfaction, and customer retention. Topics will include communicating with customers, developing a positive attitude, handling complaints, and developing sales skills.

**CUSTOMER SERVICE ACADEMY C015 0.5 Unit**

**Communicating with People**

This course is designed to introduce the student to key elements in communication within business organizations. Topics will include verbal and nonverbal communication, listening skills, and supervisory communication..

**CUSTOMER SERVICE ACADEMY C020 0.5 Unit**

**Team Building**

This course is designed to provide the student with an understanding of how to solve common types of problems. Students will learn to recognize various team player styles and will be introduced to team building in the workplace.

**CUSTOMER SERVICE ACADEMY C025 0.5 Unit**

**Stress Management**

This course is designed to acquaint the student with various skills the supervisor needs to help employees. Topics include stress recognition and how to manage it, job burnout and what to do about it, and employee counseling in various situations.

**CUSTOMER SERVICE ACADEMY C030 0.5 Unit**

**Time Management**

This course is designed to introduce the student to time management principles and specific tools that assist in making maximum use of time. Basic concepts of managing space will also be covered.

**CUSTOMER SERVICE ACADEMY C035 0.5 Unit**

**Conflict Resolution**

This course is designed to provide the student with an analysis of attitudes and behavior that create conflict between individuals and groups within an organization.

**CUSTOMER SERVICE ACADEMY C040 0.5 Unit**

**Attitude in the Workplace**

This course is designed to provide the student with certain key skills in the area of attitude so that they may effectively maintain a positive attitude in the workplace and at home. The student will be introduced to attitude style recognition, attitude communication, and attitude adjustment. Topics will also include the primary causes of bad attitudes, turnaround strategies to battle these bad attitudes, and specific techniques to improve these bad attitudes.

**CUSTOMER SERVICE ACADEMY C045 0.5 Unit**

**Managing Organizational Change**

This course is designed to provide the student with an understanding of change and the influence it has on an organization and the individuals in that organization.

**CUSTOMER SERVICE ACADEMY C050 0.5 Unit**

**Decision Making and Problem Solving**

This course is designed to introduce the student to decision making and problem solving as a supervisor.

**CUSTOMER SERVICE ACADEMY C055 0.5 Unit**

**Foundation Essential: Values and Ethics**

This course is designed to acquaint the student with the importance of values and ethics in the workplace. The importance of values and ethics involved in the supervisor's carrying out his/her duties will be emphasized.

## **DANCE**

**DANCE C101 1.0 - 2.0 Units**

**Modern Dance 1**

**Prerequisite: Beginning Level: None, Intermediate Level: Beginning Modern Dance or equivalent experience.**

A basic course in the fundamentals of beginning modern dance techniques. Offers a preparation of the human body as an instrument for dance. This course may be taken four times. Transfer Credit: CSU; UC

**DANCE C102 1.0 Unit**

**Performance Studies in Modern Dance**

**Prerequisite: Successful completion of DANC C101 or equivalent experience.**

Beginning/intermediate level course offering accelerated individual instruction in Modern dance technique. This course may be taken four times. Transfer Credit: CSU; UC

**DANCE C105 1.0 Unit**

**Pilates**

This course is designed to develop flexibility, strength, and coordination. It will introduce exercises with specific conditioning techniques based on Pilates Principles. This course may be taken four times. Transfer Credit: CSU; UC

**DANCE C106 1.0 Unit**

**Pilates Mat Work**

A course based on exercises and concepts developed by Joseph H. Pilates. The course will utilize "mat work" and will focus on exercises for improving body alignment, strength, coordination and breathing. This course may be taken four times. Transfer Credit: CSU; UC

**DANCE C107 1.0 Unit**

**Intermediate Pilates Mat**

**Prerequisite: DANC C105 or C106**

A course based on exercises and concepts developed by Joseph H. Pilates. The course will utilize intermediate mat work and will focus on exercises for improving body alignment, breathing, core strength and stabilization. This course may be taken four times. Transfer Credit: CSU; UC

**DANCE C108** **1.0 Unit**  
**Pilates: Beginning Reformer**  
**Prerequisite:** DANC C105 or C106 or C107  
 An instructed course based on exercises and concepts developed by Joseph H. Pilates. This course will utilize "mat" and Reformer concepts along with focusing on exercises that will work to improve body alignment, coordination and range of motion. This course may be taken four times. Transfer Credit: CSU; UC

**DANCE C110** **1.0 - 2.0 Units**  
**Ballet 1**  
**Prerequisite:** Beginning Level: None, Intermediate Level: Beginning Modern Dance  
 A course in basic ballet techniques including barre, and center work. Schedule indicates beginning or intermediate level. Course includes French terminology and musicality. This course may be taken four times. Transfer Credit: CSU; UC

**DANCE C111** **1.0 Unit**  
**Introduction to Classical Dance**  
 An introductory course in a classical technique for the very beginning ballet dances. Includes basic ballet terminology, positions and movements. This course may be taken four times. Transfer Credit: CSU; UC

**DANCE C112** **1.0 Unit**  
**Advanced Classical Technique**  
**Advisory:** DANC C110 or equivalent experience  
 An advanced course in classical technique. Longer and more complex combinations with increased use of arms and head. This course may be taken four times. Transfer Credit: CSU; UC

**DANCE C114** **1.0 Unit**  
**Classical Turns and Jumps**  
**Prerequisite:** Successful completion of DANC C110  
 An intermediate level class concentrating on various classical turning and jumping techniques alone and in combination. This course may be taken four times. Transfer Credit: CSU; UC

**DANCE C116** **1.0 Unit**  
**Jazz Workshop**  
 An instructor-choreographed class with emphasis on jazz dance. Includes learning, rehearsing, and performing several choreographic works. Beginning and intermediate levels. This course may be taken four times. Transfer Credit: CSU; UC

**DANCE C120** **1.0 Unit**  
**Jazz Technique**  
**Prerequisite:** Intermediate Level: Beginning Jazz or equivalent experience  
 A course in the fundamentals of jazz technique. Beginning and intermediate levels. This course may be taken four times. Transfer Credit: CSU; UC

**DANCE C122** **1.0 Unit**  
**Commercial Video Performance Styles**  
**Advisory:** DANC C120 or instructor approval of prior experience  
 Designed to continue jazz dance using critical analysis of in class video to emphasize auditioning and performing techniques in the current entertainment industry. Transfer Credit: CSU; UC

**DANCE C124** **1.0 Unit**  
**Performance Studies in Jazz**  
**Prerequisite:** Successful completion of DANC C120 or equivalent experience.  
 Beginning/intermediate level course offering accelerated individual instruction in Jazz technique. This course may be taken four times. Transfer Credit: CSU; UC

**DANCE C125** **1.0 Unit**  
**Tap Dance**  
 Fundamentals of tap dance evolving into more complex steps and combinations. Includes advanced rhythms and techniques. This course may be taken four times. Transfer Credit: CSU; UC

**DANCE C126** **1.0 Unit**  
**Introduction to Percussive Dance**  
 Designed to introduce and develop movement principles and skills necessary to improve in the percussive movement for dance. This course may be taken four times. Transfer Credit: CSU; UC

**DANCE C130** **1.0 Unit**  
**Broadway Tap Styles**  
**Prerequisite:** Successful completion of DANC C125 or DANC C126.  
**Advisory:** Intermediate Tap  
 An exploration of percussive dance in the style of Broadway figures such as Gene Kelly and Fred Astaire. This course may be taken four times. Transfer Credit: CSU; UC

**DANCE C140** **1.0 Unit**  
**Performance Jazz Ensemble**  
**Prerequisite:** Audition and/or successful completion of DANC C120 and C257 or equivalent experience.  
 A course designed to provide performance experience for the intermediate jazz dancer, includes learning, rehearsing, and performing one or more routines. This course may be taken four times. Transfer Credit: CSU; UC

**DANCE C141** **1.0 Unit**  
**Dance Techniques in Modern Jazz**  
**Prerequisite:** Successful completion of DANC C101 or equivalent experience.  
 Instructor-choreographed course with emphasis on integrating modern jazz techniques includes learning, rehearsing, and performing one or more routines. This course may be taken four times. Transfer Credit: CSU; UC

**DANCE C150** **1.0 Unit**  
**Improvisation**  
 Directed opportunity to explore the application of human movement to dance motivated by music, words, design and ideas. This course may be taken two times. Transfer Credit: CSU; UC

**DANCE C160** **2.0 Units**  
**Choreography**  
 A course designed to learn the fundamentals of dance composition and experience the process of creating choreographic works. This course may be taken four times. Transfer Credit: CSU; UC

**DANCE C162** **1.0 Unit**  
**Dance Production**  
 Specifically designed to learn and perform choreography with emphasis on integrating jazz and modern techniques. Also includes, rehearsing, and performing one or more choreographic pieces. This course may be taken four times. Transfer Credit: CSU

**DANCE C256** **1.0 Unit**  
**Tap Dance Repertoire**  
**Advisory:** Intermediate tap or equivalent experience.  
 An instructor choreographed course with emphasis on tap dance, includes learning, rehearsing and performing one or more routines. This course may be taken four times. Transfer Credit: CSU; UC

**DANCE C257** **1.0 Unit**  
**Jazz Repertoire**  
**Advisory:** Intermediate jazz or equivalent experience.  
 An instructor choreographed class with emphasis on jazz dance, includes learning, rehearsing and performing one or more choreographies. This course may be taken four times. Transfer Credit: CSU; UC

**DANCE C259** **1.0 Unit**  
**Modern Dance Repertoire**  
**Advisory:** Intermediate modern dance or equivalent experience.  
 An instructor choreographed class with emphasis on modern dance, includes learning, rehearsing and performing one or more choreographies. This course may be taken four times. Transfer Credit: CSU; UC

## DIGITAL GRAPHICS APPLICATIONS

**DIGITAL GRAPHICS APPLICATIONS C110** **1.5 Units**  
**Animation I**  
**Advisory:** DGA C116A  
 This course teaches the foundational animation skills. Students will plot, storyboard, and create animations using basic techniques including staging, timing, mechanics and kinetics. Drawing skills, life drawing, storytelling, mechanics of motion and animation camera techniques are covered. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C111** **1.5 Units**  
**3-D Simulation and Multimedia**  
**Advisory:** DGA C116A  
 This course teaches foundational animation skills such as 3D modeling, animation, rendering, compositing, visual effects, production, and performance skills. Hands-on training is emphasized. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C116A**      **3.0 Units**  
**Adobe Photoshop 1**

The course will introduce basic tools and techniques to explore the graphic capabilities of Adobe Photoshop. Learn how selection and editing tools are used to manipulate graphics and photographs by duplicating, deleting, replacing, or changing image elements. Create original images and produce multi-layered graphics from existing photographs. Create eye catching display graphics, color correct, and retouch photos. No art background required. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C116B**      **3.0 Units**  
**Adobe Photoshop 2**  
**Advisory: DGA C116A**

This project-based course will focus on the intermediate tools and techniques that expand the graphic capabilities of Adobe Photoshop. Learn how editing tools and actions are used to enhance images and retouch photographs by compositing, deleting, replacing, or changing image elements with filters, masks, channels, and paths. Create original images and produce multi-layered graphics for print and the web. No art background required. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C116C**      **3.0 Units**  
**Adobe Photoshop 3**  
**Advisory: DGA C116A or C116B**

The course will take the student beyond the skills studied in Adobe Photoshop 2. Study more effects such as complex texture creation, text techniques, fabric pattern design, and 3-D picture frames. Advanced photo retouching and color correction techniques will be applied to images. Investigate the principles used in reducing file size for quick loading web pages. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C118A**      **3.0 Units**  
**Introduction to Adobe Illustrator**

This course is primarily designed for the student wishing to master the basics of Adobe Illustrator. Topics covered include the working environment using appropriate tools or filters for illustrations, applying strokes and color fills, creating and editing paths, using layers, transformation effects, and gradients, working with images, and creating basic object shapes. Course is hands-on environment with lecture. No artistic background is required. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C118B**      **3.0 Units**  
**Adobe Illustrator 2**  
**Advisory: DGA C118A**

This course is primarily designed for the student wishing to expand their basic knowledge and enhance their skills using Adobe Illustrator. Topics include using Illustrator's effect and appearance features, expanded text techniques, special effects filters, stylized palettes, transformation tools, and preparing illustrations for the web. Create impressive illustrations utilizing features such as transparency, text, masking, and shadow & glow effects. Course is hands-on environment with lecture. No artistic background is required. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C120**      **3.0 Units**  
**Introduction to InDesign**

This project-based course will introduce the basic tools and techniques to explore the graphic and type capabilities of Adobe InDesign. Learn how to import and edit text; create and manipulate styles, tables, and graphics; and use effects and blend modes to create multi-page documents, such as letterhead, tri-fold brochures, flyers, and booklets for print and the web. No art background required. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C121**      **3.0 Units**  
**Introduction to Adobe Premiere**

This project-based course will introduce the basic tools and techniques to explore the capabilities of Adobe Premiere in storytelling using video. Learn how to import and edit video and audio; create; and apply transitions, effects, and animations to create movies that can be exported in various formats. No art background required. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C122**      **3.0 Units**  
**Introduction to After Effects**

This project-based course will introduce fundamental techniques used to integrate text, graphics, sound, video, and 2D/CG animation into video projects. Learn the skills used to create compelling digital effects and motion graphics to enhance storytelling and bring a new dimension to the finished video. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C130**      **3.0 Units**  
**Adobe Web Tech**

Introduction to the Web design process including the integrated use of Adobe's Web design products: Photoshop, Illustrator, Acrobat, and InDesign. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C131**      **1.5 Units**  
**Photoshop Elements for Digital Photographers**

**Advisory: Student must have access to or own a digital camera.**

This basic, introductory course will teach you how to use a digital camera with Adobe Photoshop Elements to perform the basic image editing techniques to enhance and correct images. Learn basic camera controls, camera support systems, basic lighting techniques, file formats, transfer of files, and saving options. This course may be taken four times. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C166A**      **3.0 Units**  
**Dreamweaver Basics**

To be competitive, web site developers need to stay current in the newest web technology tools. Learn to use Dreamweaver to produce visually appealing web sites with concise editable code while allowing you to use the most advanced features of this web editor. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C166B**      **3.0 Units**  
**Fireworks**

To be competitive, digital graphic developers need to stay current in the newest web technology tools. Learn to use Fireworks to produce professional graphics and animations for digital media projects. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C166C**      **3.0 Units**  
**Flash Basics**

From basic drawing to simple frame animations to complex video-enhanced materials, learn to build requisite skills with Flash, while allowing creative talent to emerge. Develop projects for the web or digital media projects. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C166F**      **3.0 Units**  
**ActionScript and Flash**  
**Advisory: DGA C166C**

ActionScript is a powerful, object-oriented programming language that signifies an important step in the evolution of the capabilities of the Flash program and player. Design and build rich internet applications using the consistent, industry standard, programming model found in ActionScript and Flash. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C168**      **1.5 Units**  
**Introduction to Survey of Multimedia Entertainment**

This course will present a survey of the multimedia industry. It will focus on entry-level jobs and responsibilities, career paths, and the necessary skills for success. The regional differences in employment and types of projects and products will be explored. An introduction of the production processes from concept to publication will be researched and discussed. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C170**      **3.0 Units**  
**Character Design**  
**Advisory: ART C121**

In this course, students will learn the principles of hand drawn character design as it pertains to the animation, comic book, feature film, and other multimedia entertainment industries. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C171**      **1.0 Unit**  
**Computer Programming with Alice**

Introduces both majors and non-majors to the concepts and topics of computer and simulation programming. Students will develop algorithmic thinking and abstraction through the use of a 3-D animation programming environment. This course is designed for beginning programmers, and web developers who need to understand object oriented concepts. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C172** 3.0 Units**Introduction to 2-D Animation**

The course will demonstrate the principles of traditional 2-D animation. Students will create animation using techniques such as acting, timing, staging, weight, and physics. The course places an emphasis on drawing skills. Work from different studios and productions will be explored. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C174** 3.0 Units**Introduction to 3-D Animation**

Advisory: DGA C172

In this course students will apply 2-D animation principles to a 3-D platform. Students are introduced to basic 3-D animation concepts such as applying key framing, camera control, and editing. Work from different studios and production will be explored. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C176** 3.0 Units**Web Animation**

The course uses industry standard animation tools in which the principles of animation are developed for web animation. Students are expected to create one short webisode with sound of at least one minute in length using these tools. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C182** 3.0 Units**Simulation Building**

Advisory: DGA C174

Students will learn to apply basic design principles to the solution of visual problems using elements of 3-D design. The student will conceptualize his/her intended design from concept into a 3-D environment. The use of primitive shape based design, 3-D coordinate systems and construction of 3-D models will be explored. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C184** 3.0 Units**Interface Design**

Same as Informatics C184

This course covers the basics of designing media using authoring software and creating animation, interactivity, and basic programming techniques. Emphasis is on interface design and development. Transfer Credit: CSU

**DIGITAL GRAPHICS APPLICATIONS C185** 3.0 Units**Interface Design Project**

Advisory: DGA C184

Students, working in teams, will design and implement a multimedia entertainment software system, paying particular attention to human computer/interface issues. Transfer Credit: CSU

**ECOLOGY****ECOLOGY C100** 3.0 Units**Human Ecology**

Provides students with an understanding of the biological implication of man's interplay with the planet. The course is focused on the biological prospects of the future as viewed by examining the biosphere and biogeochemical cycles. Future predictions and current topics will be analyzed in relationship to planet management. Transfer Credit: CSU; UC

**ECONOMICS****ECONOMICS C100** 3.0 Units**Economic Problems and Issues**

Provides an introduction to the basic tools and concepts of economic analysis with an emphasis of applying economic theory to current problems and issues. Topics include scarcity and decision making, supply and demand, and the effects of fiscal and monetary policy as applied to selected problems such as crime and drug control, pollution, taxation, Social Security, healthcare, poverty and income equality, and international trade. Transfer Credit: CSU, UC credit limitations. See counselor.

**ECONOMICS C180** 3.0 Units**Principles of Macro Economics**

Prerequisite: MATH C030

Advisory: It is strongly recommended that ECON C185 be taken prior to ECON C180.

This course examines and analyzes the economic problems of recession, unemployment and inflation. The focus of this investigation centers on business cycles, the measurement of output and income in the economy, the determination of the equilibrium level of national income, money creation and the banking system, monetary and fiscal policy options, international trade and finance and the effects of the public debt. The particular interactions of the domestic and international economies are studied throughout the course. Transfer Credit: CSU; UC

**ECONOMICS C185** 3.0 Units**Principles of Micro Economics**

Prerequisite: MATH C030

Advisory: It is strongly recommended that ECON C185 be taken prior to ECON C180

This course offers an introduction to the concepts and tools of economic analysis. The course studies price theory including supply and demand, marginal analysis, utility, cost and revenue concepts, perfect and imperfect competition, production and factor markets. Economic principles are applied to the analysis of such problems as industrial organization, the environment, public choice and the distribution of income. Transfer Credit: CSU; UC

**EDUCATION****EDUCATION C101** 0.5 Unit**Tutor Training**

Learn strategies for effective tutoring. Discover how to motivate, foster independence, stimulate active learning, and build confidence in the learner. Identify factors that affect student learning such as language and cultural differences; learn how to handle difficult tutoring situations, and to identify different learning styles. Transfer Credit: CSU

**EDUCATION C103** 2.0 Units**Introduction to Computers in Education: Technology Proficiencies for Teachers 1**

Co-requisite: EDUC C104 may be taken at the same time.

Based on the Technology Standard for a California K-12 Preliminary Teaching Credential, this class focuses on the computer proficiencies that credential candidates are required to master before they can be issued a preliminary Multiple or Single Subject Credential. The curriculum and course represent a working partnership between the California Technology Assistance Project (CTAP), Region IX and Coast Community College District's TEACH3 Program. Students will complete a portfolio in all the state mandated proficiencies and will receive certification as a Preliminary (Level I) Technology Proficient Educator. Letter Grade Only. Transfer Credit: CSU

**EDUCATION C104** 1.0 Unit**Introduction to Teaching and Learning in Diverse Contemporary Classrooms**

Advisory: Eligibility for ENGL C100.

The course will address the qualities of an effective teacher, components and purposes of an effective professional portfolio, and critical issues in diverse contemporary classrooms. Students will initiate the development of a reflective practitioner workbook, begin their electronic professional portfolio, and learn about their own learning needs and styles. Learning outcomes are aligned to the California Standards for the Teaching Profession and associated teacher performance expectations. Ten hours of arranged fieldwork /observation included. Letter Grade Only. Transfer Credit: CSU; UC

**EDUCATION C107** 1.0 Unit**Introduction to Distance Learning**

Advisory: BC C050 or basic computer skills.

Using the tools and systems of distance learning, students will develop skills that will enable them to successfully complete distance learning programs on their own in the future. This course is a 1.0 unit class that addresses the technical competencies and computer skills needed for distance learning success. Transfer Credit: CSU

**EDUCATION C108** 1.0 Unit**How to Succeed in Distance Learning**

Advisory: EDUC C107 or equivalent experience with computer technology in a distance learning environment.

This course provides an orientation to the characteristics and processes of distance learning. Students will learn the meaning of key terms used in distance education. They will experience the differences between traditional classroom and distance learning courses. They will learn how to anticipate, avoid, and/or solve typical problems encountered in distance learning environments. In addition, students will learn practical strategies and skills that will help them succeed in online, television, CD-ROM, and hybrid classes. Transfer Credit: CSU

**EDUCATION C121**                      **2.0 Units**  
**Expert Learning 1**

This course focuses on students' acquisition of expert learner skills in the areas of text comprehension and summarization, note-taking, test-taking, memory tools, graphic organizers, and time management. Transfer Credit: CSU

**EDUCATION C122**                      **2.0 Units**  
**Expert Learning 2**

**Prerequisite:** EDUC C121

This course focuses on students' acquisition of expert learner skills in the areas of textbook reading and comprehension, note-taking, listening skills, and visual notes and study tools. Transfer Credit: CSU

**EDUCATION C180**                      **3.0 Units**  
**Family/School/Community Partnerships**

A course for prospective teachers about current family, school, and community partnership models and approaches that foster two-way partnerships with families and communities of diverse backgrounds. This course covers historical, legal, social, and political perspectives regarding educational access and equity for diverse student populations found in contemporary classrooms; students learn about building relationships with ethnically and linguistically diverse families and communities along with a focus on socialization, identity development, and the developing child in a societal context. Includes ten hours of arranged fieldwork/ focused observations aligned with students' area of interest (preschool, elementary, middle school, high school). Letter Grade Only. Transfer Credit: CSU

**EDUCATION C200**                      **3.5 Units**  
**The Teaching Profession**

**Advisory:** Eligibility for ENGL C100.

Designed for students considering teaching as a career or for those interested in a class that focuses on issues facing teachers and students in today's schools. The course examines opportunities, requirements, responsibilities, and rewards in teaching as well as skills needed and problems often encountered in the classroom. Additional focus on educational philosophies and sociology of education. Includes tutoring training and 40 hours of assigned fieldwork. Meets the new California Commission on Teacher Credentialing requirement that students who are considering a teaching career have early and frequent opportunities to engage in field experiences that are linked with college/university coursework. Letter Grade Only. Transfer Credit: CSU; UC

## **ELECTRONICS**

**The Electronics courses below are offered online through the Military/Contract Education Program only. Students who reside in the local Orange County area and who are not eligible for enrollment in our global military/contract education program are encouraged to visit our sister college, Orange Coast College, for local course offerings.**

**ELECTRONICS C101**                      **3.0 Units**  
**Introduction to Electronics with Computer Applications**

**Advisory:** MATH C010

This class is an introduction to the field of Electronics. It is designed to familiarize the student with the fundamental equations, calculations, and numeric representations used by Engineers and Technicians. Topics covered will include understanding the range of magnitude of numbers (data) and their SI representation in Scientific and Engineering notation. Base conversion of numbers (hex to decimal). Analog to digital (A/D) and digital to Analog (D/A) conversion. Charting and Graphing of data and how to interpret data on different graphs (semi-log, log-log). Transfer Credit: CSU

**ELECTRONICS C102**                      **4.0 Units**  
**DC Circuit Analysis**

**Advisory:** MATH C010

Students learn to conduct an experiment using modern tools, collect data, analyze data, and write a report to professional standards. Students learn to analyze DC networks with applied scientific principles. Students develop an understanding of the function of resistors, capacitors, and inductors in a functioning circuit. Students are required to perform computer analysis using modern software tools to validate calculations and experimental results. Transfer Credit: CSU

**ELECTRONICS C103**                      **4.0 Units**  
**AC Circuit Analysis**

**Advisory:** ELEC C101 and MATH C010

Students learn to conduct an experiment using modern tools, collect data, analyze data, and write a report to professional standards. Students learn to analyze AC networks with applied scientific principles. Students develop an understanding of the function of resistors, capacitors, and inductors in a functioning circuit. Students are required to perform computer analysis using modern software tools to validate calculations and experimental results. Transfer Credit: CSU

**ELECTRONICS C104**                      **3.0 Units**  
**Digital Computer Electronics**

**Advisory:** ELEC C101 and C102

This class is a continuation of the digital logic portion of ELEC C101 and C102 (binary numbers, Logic gates AND / OR). It starts with an introduction to one-bit memory cells (Flip-Flops), comparators, ADDITION and 2's complement using discrete logic gates (XOR), decision making circuitry, sequential circuits, program counter, instruction sequencing. This class gives the student a "behind the scene look" at what makes every digital computer work. Transfer Credit: CSU

**ELECTRONICS C204**                      **4.0 Units**  
**Semiconductor Devices and Circuits**

**Advisory:** ELEC C101, C102, and C103

The student will learn the characteristics of semiconductor devices including diodes, BJTs, and FETs. Biasing and DC and AC load-lines are presented in each of the three configurations -- CB/CG, CE/CS, and CC/CD, followed by analysis and design of amplifier circuits at mid-band with emphasis on input/output impedance and gain. Students learn to design and analyze diode and transistor circuits, simulate test results with a circuit simulation package. Transfer Credit: CSU

**ELECTRONICS C210**                      **4.0 Units**  
**Analog Electric Circuit Analysis**

**Advisory:** ELEC C102 and C103 and MATH C010

Students will learn to write transfer functions of low, high, and band pass RC filters; phase lead and lag RC networks; and use complex conjugates to separate functions into gain-magnitude and phase components and sketch bode plots on semi-log axes. Write transfer functions of series and parallel RLC resonant circuits and plot their response. Determine h-parameters from device curves and convert them into small signal models to compute input/output impedance and gain. Work with four idealized forms of amplifiers -- VV, VI, IV, and II. Students learn to analyze passive RC, RC, and RLC circuits, simulate test results with EWB or PSpice, set-up test apparatus, and gather data and to prepare technical reports to professional standards. Transfer Credit: CSU

**ELECTRONICS C230**                      **3.0 Units**  
**Advanced Digital Electronics**

**Advisory:** ELEC C101, C102, and C104

The student will use discrete integrated circuits, glue logic, TTL or CMOS to simulate then prototype or breadboard functional components from the ELEC C104 class such as Multiplexers, Adders, Shift registers, stacks. These components will be ported to Altera PLDs and their operation verified. For the final project the student will construct a project from discrete components and PLDs then compare the operation / cost / complexity tradeoff in a final paper. Typical final projects in the past included Tic-Tac-Toe, a traffic signal, Pong, read/write a sequence of 1s and 0s to RAM. These projects will be converted again in ELEC C240 to run on a M68HC11 controller. Transfer Credit: CSU

**ELECTRONICS C240**                      **4.0 Units**  
**Microcomputer Systems & Assembly Programming**

**Advisory:** ELEC C101, C102, and C104

The student will learn to design, write, and debug programs in assembly and a subset of American National Standards Institute (ANSI) "C." The student will learn to download programs to the microcomputer after they have been converted on a host computer with an assembler or C compiler. The first few programs will duplicate some of the hardwired processes developed in the Advanced Digital Logic class then progress to more complex time dependant processes such as Temperature measurement, motor speed control, metering the flow of liquids. This class is the logical continuation of ELEC C104 and will rely on information learned in other electronics classes such as ELEC C204 and C210. Transfer Credit: CSU

**ELECTRONICS C272 3.0 Units****Electronic Manufacturing**

**Advisory:** ELEC C102, C103, C104, C215 and MATH C010

This course is designed to fulfill the needs of technicians seeking competency in all aspects of electronic design and fabrication techniques. It serves as a practical and realistic guide for developing skills in planning, designing and constructing electronic equipment. Students learn the process of design, from concept to completion of a piece of working hardware. Students learn the importance of safety in regards to AC wiring and protection. Students learn about modern manufacturing techniques with Printed circuit boards and automation. Students learn how to use modern CAD software to design a project, and use an outside vendor to produce a product using CAM files. Students learn to work in a group setting to design and manufacture a device. Transfer Credit: CSU

**ELECTRONICS C280 4.0 Units****Basic Electrical Machines**

**Advisory:** ELEC C101, C102, C104, and C210

This class will provide students with a broad understanding of modern electric power, where it comes from, how it is transmitted and how it is turned into useful work. The scope of the class reflects the rapid changes that have occurred in power technology over the past few years—allowing the entrance of power electronics into every facet of industrial drives, and expanding the field to open more career opportunities. Transfer Credit: CSU

**ELECTRONICS C281 1.0 Unit****Work Based Learning**

**Prerequisite:** Be employed or volunteer in the field of Electronics for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning experience participant's opportunity for success in the field of Electronics by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Electronics. Transfer Credit: CSU

**ELECTRONICS C282 2.0 Units****Work Based Learning**

**Prerequisite:** Be employed or volunteer in the field of Electronics for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning

To enhance each Work Based Learning experience participant's opportunity for success in the field of Electronics by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Electronics. Transfer Credit: CSU

**ELECTRONICS C283 3.0 Units****Work Based Learning**

**Prerequisite:** Be employed or volunteer in the field of Electronics for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning experience participant's opportunity for success in the field of Electronics by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Electronics. Transfer Credit: CSU

**ELECTRONICS C284 4.0 Units****Work Based Learning**

**Prerequisite:** Be employed or volunteer in the field of Electronics for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning experience participant's opportunity for success in the field of Electronics by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Electronics. Transfer Credit: CSU

**EMERGENCY MANAGEMENT/HOMELAND SECURITY****EMERGENCY MANAGEMENT C101 3.0 Units****Introduction to EMERGENCY MANAGEMENT**

This course introduces the student to the fundamental aspects of emergency management. It examines the roles and responsibilities of government and non-profit agencies when responding to disasters and emergencies with emphasis on man-made, natural, and technological events most likely to affect the United States. The course emphasizes the four concepts of emergency management: preparedness, mitigation, response, and recovery. Transfer Credit: CSU

**EMERGENCY MANAGEMENT C102 3.0 Units****Introduction to Homeland Security**

This introductory course explores the history, development, and organization of homeland security in the United States. It examines the roles and functions of the various components of the Department of Homeland Security and its relationship to state and local agencies. Topics include the threat of terrorism and countermeasures, the importance of the intelligence community, and how government systems can effectively prepare for and respond to security threats on American soil. Emphasis is placed on homeland security practices of the emergency manager. Transfer Credit: CSU

**EMERGENCY MANAGEMENT C105 3.0 Units****Emergency Preparedness (Formerly EMGT C100)**

This course is designed for individuals from both the private and public sector who may be responsible for developing and implementing their organization's emergency planning guide. This course will identify steps of preparedness and the importance of community involvement, education, and disaster preparedness. Preparedness levels will include natural disaster, terrorism, incidents, and events. Transfer Credit: CSU

**EMERGENCY MANAGEMENT C110 3.0 Units****Emergency Response**

This course is designed for individuals from both the private and public sector who may be responsible for developing and implementing their organization's emergency response due to incidents and/or man-made occurrences. This course will introduce the Incident Command System, identify necessary capabilities for effective response, and demonstrate coordination between various levels of government and the private sector. The course will also demonstrate how to effectively transition between the normal and emergency operations. Transfer Credit: CSU

**EMERGENCY MANAGEMENT C120 3.0 Units****Disaster Recovery**

This course is designed for individuals from both the private and public sector who may be responsible for developing and implementing their organization's emergency recovery team during contingencies. The course will define and discuss short-term restoration and long-term recovery, discuss common restoration and recovery measures and activities and challenges related to this phase of emergency management, and identify recovery planning considerations and key elements of the recovery process. Transfer Credit: CSU

**EMERGENCY MANAGEMENT C130 3.0 Units****Hazard Mitigation**

This course is designed for individuals from both the private and public sector, who may be responsible for developing and implementing their organization's hazard mitigation strategies, based upon a defined hazard analysis process. This course will review advanced concepts of mitigation, in both the pre and post disaster or man-made occurrence, with an emphasis on strategy development. Transfer Credit: CSU

**EMERGENCY  
MANAGEMENT C140**                      **3.0 Units**  
**Crisis Response for Responders (CRR)**

An introduction to crisis response for first responders of an emergency or significant incident or event. This course will assist those who are assisting people in the immediate aftermath of a disaster or other type of tragedy. Students will learn how to reduce initial stress, gather information, debrief, and produce an environment of connectedness to empower communities to heal in the recovery process. It is an organized approach to supporting emergency first responders who are involved in emergency operations under stress. The purpose of debrief is to mitigate long-term emotional trauma following the incident. Transfer Credit: CSU

**EMERGENCY  
MANAGEMENT C150**                      **3.0 Units**  
**Crisis Management of Special  
Populations**

This course discusses the challenges emergency responders face with individuals with special needs during a disaster or emergency. The course includes an overview of important issues and recommendations for solutions when establishing preparedness plans for individuals with special needs. Transfer Credit: CSU

**EMERGENCY  
MANAGEMENT C160**                      **3.0 Units**  
**Introduction to Public Information  
Officer (PIO)**

This course is a basic introduction to the role of a Public Information Officer (PIO). It is designed for those who are new to the field or have had limited exposure carrying out the role as a PIO as well as those students who have been assigned the position of PIO as an ancillary duty. The course emphasizes the basic skills and knowledge needed for emergency management PIO activities. Course topics will include the role of the PIO as well as composing press releases, public speaking, doing television interviews, and conducting awareness campaigns. Transfer Credit: CSU

## **ENGLISH**

**ENGLISH C001**                              **0.5 Unit**  
**Avoiding Sentence Errors**

Students will learn how to identify a complete sentence. Then, they will learn how to identify and eliminate sentence errors (fragments, comma splices, and run-on sentences). (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH C002**                              **0.5 Unit**  
**Avoiding Punctuation Errors**

Students will learn how to identify and correct punctuation errors. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH C003**                              **0.5 Unit**  
**Making Subjects and Verbs Agree**

This course is designed to improve students' understanding of subject/verb agreement. In English, the two major forms of agreement are that between subject and verb and that between pronoun and antecedent. Students will learn how to identify and eliminate subject/verb and pronoun agreement errors. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH C004**                              **0.5 Unit**  
**Choosing Words Correctly**

This course is designed to improve student's word choice skills. Topics include synonyms, antonyms, homonyms, inappropriate and sensitive language, and commonly misspelled and confused words. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH C005**                              **0.5 Unit**  
**Parts of Speech: A Review**

This course is designed to improve student's understanding of the parts of speech. Topics include verbs, nouns, adjectives, prepositions, articles, conjunctions, and interjections. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH C006**                              **0.5 Unit**  
**Pronouns: A Review**

This course is designed to improve students' understanding of pronouns. Topics include personal pronouns, personal pronouns with ownership, other pronouns, reflexive pronouns, pronouns and gender, pronouns and number, the use of pronouns, possessive pronouns and adjectives, and making nouns and pronouns agree in sentences. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH C007**                              **0.5 Unit**  
**Plurals and Possessives: What's the  
Difference?**

This course is designed to improve student's understanding of, and the difference between, plurals and possessives. Topics include forming plurals, plurals with-s and es, unusual plurals, and irregular plurals; forming possessives; using apostrophes; using possessives and possessive pronouns and adjectives. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH C008**                              **0.5 Unit**  
**Verb Forms: A Review**

This course is designed to improve student's understanding of verb forms. Topics include two kinds of verbs, principal and auxiliary verbs; parts of verbs; verbs and verb tenses; verb recognition; regular and irregular verbs; and confusing verbs. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH C009**                              **0.5 Unit**  
**Understanding the Writing Process**

This course is designed to improve student's understanding of the writing process. Topics include brainstorming and prewriting, gathering information, planning and organizing, revising and editing, and giving and receiving feedback. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH C010**                              **0.5 Unit**  
**Writing on the Job in the 21st Century**

This course is designed to improve students' understanding of writing for the workplace. Topics include writing business forms, writing notes and short memos, writing directions, writing business letters, writing meeting documents, and writing reports. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH C020**                              **0.5 Unit**  
**Basic Grammar**

This is a basic grammar course covering sentence structure, parts of speech, punctuation, and syntax. Emphasis is placed on grammatical structure and correct usage. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH C021**                              **0.5 Units**  
**College Spelling 1**

First half of a beginning self-paced, programmed course designed to help students master the basic rules of spelling. It addresses phonics, silent letters, plurals, words often confused, suffixes, special troublemakers, apostrophes, and dictionary use. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH C023**                              **0.5 Unit**  
**College Spelling 2**  
**Prerequisite: ENGL C021**

Second half of a beginning self-paced, programmed course designed to help students master the basic rules of spelling. It addresses phonics, silent letters, plurals, words often confused, suffixes, special troublemakers, apostrophes, and dictionary use. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH C024**                              **0.5 Unit**  
**College Vocabulary 1**

A beginning course designed to help students develop a powerful vocabulary. Students learn word usage and ways to build words using context clues, word derivatives, and prefixes and suffixes; they also learn how to correctly use a dictionary and thesaurus. (NOT APPLICABLE TO AN A.A. DEGREE)

**ENGLISH C025**                              **0.5 Unit**  
**College Vocabulary 2**  
**Prerequisite: ENGL C024**

Part two of a beginning course designed to help students develop a powerful vocabulary. Students learn word usage and ways to build words using context clues, word derivatives, and prefixes and suffixes; they also learn how to correctly use a dictionary and thesaurus. (NOT APPLICABLE TO AN A.A. DEGREE)

**ENGLISH C026**                              **0.5 Unit**  
**College Vocabulary 3**

An intermediate course designed to help students develop a powerful vocabulary. Students learn word usage and ways to build words using context clues, word derivatives, and prefixes and suffixes; they also learn how to correctly use a dictionary and thesaurus. (NOT APPLICABLE TO AN A.A. DEGREE)

**ENGLISH C027**                              **0.5 Unit**  
**College Vocabulary 4**  
**Prerequisite: ENGL C026**

Part two of an intermediate course designed to help students develop a powerful vocabulary. Students learn word usage and ways to build words using context clues, word derivatives, and prefixes and suffixes; they also learn how to correctly use a dictionary and thesaurus. (NOT APPLICABLE TO AN A.A. DEGREE)

<b>ENGLISH C037</b> <b>Study Skills</b> Co-requisite: Must be enrolled in a college-level course Learning to study is more important than acquiring bodies of information. In learning to study you are learning to think and live. Students will learn the meaning of study and the fundamental requirements of study, including concentrating, scheduling, reading, listening and note taking, memorizing, taking examinations, and actively putting one's knowledge to use. (NOT APPLICABLE TO A.A. DEGREE)	<b>0.5 Unit</b>	<b>ENGLISH C070</b> <b>Reading Skills 4</b> An advanced intermediate self-paced, computerized reading program designed to develop reading skills in comprehension, main idea, context clues, and facts and details, conclusions, judgments, inferences, vocabulary, and critical thinking skills. (NOT APPLICABLE TO A.A. DEGREE)	<b>0.5 Unit</b>	<b>ENGLISH C097</b> <b>Basic Grammar and Writing</b> This basic grammar and writing course covers sentence structure, parts of speech, punctuation, syntax, unity, and paragraph structure.	<b>3.0 Units</b>
<b>ENGLISH C040</b> <b>Reading Skills 1</b> Introduction to an individualized, self-paced, computerized reading program designed to develop reading skills in comprehension, main idea, context clues, facts, and details. (NOT APPLICABLE TO A.A. DEGREE)	<b>0.5 Unit</b>	<b>ENGLISH C071</b> <b>Writing Skills 4</b> An advanced intermediate self-paced, computerized writing program designed to improve or refresh basic writing skills for college placement exams or job placement. The student will complete a diagnostic assessment at the first session. (NOT APPLICABLE TO A.A. DEGREE)	<b>0.5 Unit</b>	<b>ENGLISH C098</b> <b>Basic English Writing</b> Prerequisite: ENGL C097 or achieve a qualifying score on the English placement test. This basic grammar and writing course covers sentence structure, parts of speech, punctuation, syntax, and paragraph structure. Students will learn to write short unified paragraphs. Students will write various types of paragraphs as well as review the basics of paragraph writing, grammar and mechanics. This course may be taken two times.	<b>3.0 Units</b>
<b>ENGLISH C041</b> <b>Writing Skills 1</b> Introduction to an individualized, self-paced, computerized writing program designed to improve or refresh basic writing skills for college placement exams or job placement. The student will complete a diagnostic assessment at the first session. (NOT APPLICABLE TO A.A. DEGREE)	<b>0.5 Unit</b>	<b>ENGLISH C080</b> <b>English Assessment for Student Success</b> An individualized assessment course to determine current reading and writing skill levels. Emphasis will be on short term, computerized, prescriptive development in these two areas as preparation for the college English placement test or for pre-employment mastery of these skills. (NOT APPLICABLE TO A.A. DEGREE)	<b>0.5 Unit</b>	<b>ENGLISH C099</b> <b>Fundamentals of Composition</b> Prerequisite: ENGL C098 or achieve a qualifying score on the English placement test. Students will analyze the writing process and composition principles with an emphasis on expository writing practice in extended paragraphs and essays. Students will also review grammar, sentence structure, and punctuation in order to express ideas clearly. This course is recommended preparation for English C100 (Freshman Composition).	<b>3.0 Units</b>
<b>ENGLISH C050</b> <b>Reading Skills 2</b> A beginning self-paced, computerized reading program designed to develop reading skills in comprehension, main idea, context clues, and facts and details, conclusions, and judgments. (NOT APPLICABLE TO A.A. DEGREE)	<b>0.5 Unit</b>	<b>ENGLISH C091</b> <b>(Formerly ENGL C039)</b> <b>Basic Reading I</b> This course provides an individualized reading program designed to develop and improve basic reading skills in comprehension, main idea, facts and details, conclusions, judgments, inferences, vocabulary, and critical thinking.	<b>0.5 Unit</b>	<b>ENGLISH C100</b> <b>Freshman Composition</b> Prerequisite: ENGL C099 or achieve a qualifying score on the English placement test. The basic principles and process of written composition will be applied through examinations and assigned essays. The process of choosing and shaping a thesis and writing an extended, well developed essay will be stressed. Practice in research and production of a research paper will be included. Letter grade only. Transfer Credit: CSU; UC	<b>3.0 Units</b>
<b>ENGLISH C051</b> <b>Writing Skills 2</b> A beginning individualized, self-paced, computerized writing program designed to improve or refresh basic writing skills for college placement exams or job placement. The student will complete a diagnostic assessment at the first session. (NOT APPLICABLE TO A.A. DEGREE)	<b>0.5 Unit</b>	<b>ENGLISH C092</b> <b>Basic Reading II</b> This course provides an individualized reading program designed to improve basic reading skills in comprehension, main idea, facts and details, conclusions, judgments, inferences, vocabulary, and critical thinking. Scanning and skimming techniques are introduced.	<b>0.5 Unit</b>	<b>ENGLISH C102</b> <b>Critical Reasoning, Reading, and Writing</b> Prerequisite: ENGL C100 This course is designed to develop critical thinking, reading and writing skills beyond the level achieved in ENGL C100. This course focuses on critical thinking skills, close textual analysis and expository writing. Students apply critical thinking skills through readings derived from themes and works in various disciplines and cultures. Students also apply critical thinking skills in writing expository argumentative essays. Letter grade only. Transfer Credit: CSU; UC	<b>3.0 Units</b>
<b>ENGLISH C060</b> <b>Reading Skills 3</b> An intermediate self-paced, computerized reading program designed to develop reading skills in comprehension, main idea, context clues, and facts and details, conclusions, judgments, inferences, and vocabulary. (NOT APPLICABLE TO A.A. DEGREE)	<b>0.5 Unit</b>	<b>ENGLISH C094</b> <b>Basic Reading III</b> This course provides an individualized reading program designed to improve basic reading skills in comprehension, main idea, facts and details, conclusions, judgments, inferences, vocabulary, and critical thinking. Scanning and skimming techniques are introduced, and extensive and intensive reading strategies are presented.	<b>0.5 Unit</b>	<b>ENGLISH C103</b> <b>Business English</b> English for careers focuses on real-world English skills that contribute to good workplace communication. It includes English principles you already know, those you learned in the past and forgot, and those you wish you had learned. Students study grammar, English usage, punctuation, spelling, vocabulary, and dictionary use from the businessperson's viewpoint. Emphasis is placed on finding and correcting types of errors people make while speaking and writing. Transfer Credit: CSU; UC	<b>3.0 Units</b>
<b>ENGLISH C061</b> <b>Writing Skills 3</b> An intermediate self-paced, computerized writing program designed to improve or refresh basic writing skills for college placement exams or job placement. The student will complete a diagnostic assessment at the first session. (NOT APPLICABLE TO A.A. DEGREE)	<b>0.5 Unit</b>	<b>ENGLISH C095</b> <b>Basic Reading IV</b> This course provides an individualized reading program designed to improve basic reading skills in comprehension, main idea, facts and details, conclusions, judgments, inferences, vocabulary, and critical thinking. Scanning and skimming techniques are introduced, and extensive and intensive reading strategies are presented. Students will learn to identify, interpret, and use figurative language.	<b>0.5 Unit</b>		

**ENGLISH C108** **1.0 Unit**  
**Library Resources and Research**

How to use today's information resources for success in education, career, and personal life. Course includes strategies for research and reports. Emphasis will be on identifying appropriate resources from the ever-expanding world of information, including print, electronic, World Wide Web, and other media. Transfer Credit: CSU; UC

**ENGLISH C133** **3.0 Units**  
**Beginning Fiction Writing**

This course focuses on the study and practice of fiction writing, and it is appropriate for students who want to learn more about writing short stories and novels. Course work will emphasize foundational fiction techniques such as developing effective plots, characters, settings, scenes, and dialogue. This course may be taken four times. Transfer Credit: CSU

**ENGLISH C135** **3.0 Units**  
**Business Writing**

**Prerequisite:** ENGL C099, C103, or achieving qualifying score on English placement test.

This course addresses techniques, strategies, and forms of business communication, including use of precise, professional, and persuasive language to achieve business goals and communicate effectively in the workplace. Using a variety of media and technologies, students will learn how to produce effective memos, letters, and reports; prepare successful resumes and employment documents; and make effective oral presentations. Transfer Credit: CSU

**ENGLISH C136** **3.0 Units**  
**Business Communication**

**Prerequisite:** ENGL C100

**Advisory:** ENGL C105

This course addresses techniques, strategies, and forms of business communication, including use of precise, professional, and persuasive language to achieve business goals and communicate effectively in the workplace. Using a variety of media, technologies, and research tools, students will learn how to write effective memos, letters, reports, and proposals; present effective oral and multimedia presentations; and prepare successful resumes and employment documents. Transfer Credit: CSU

**ENGLISH C140** **3.0 Units**  
**Introduction to Literature**

**Advisory:** ENGL C100

The primary purpose of this survey-level course is to acquaint the student with a variety of literary, poetic, dramatic, and rhetorical devices so that the student can interact with literature in a meaningful way. Letter Grade Only. Transfer Credit: CSU; UC

**ENGLISH C143** **3.0 Units**  
**Children's Literature**

**Advisory:** ENGL C100

This course provides a survey of classic and contemporary children's literature. The course will provide an overview of the literary content and social values found in selected works of children's literature. Letter Grade Only. Transfer Credit: CSU

**ENGLISH C144** **3.0 Units**  
**The International Short Story**

**Advisory:** ENGL C100

Designed for the General Education student, this course is an introduction to the modern short story, emphasizing multicultural stories from countries throughout the world. Each story will be studied with regard to character, plot, theme, point of view, setting, tone, style, and other literary devices as they function within the context of the particular story. In addition, each story will be analyzed to understand the particular culture from which it comes. Transfer Credit: CSU; UC

**ENGLISH C145** **3.0 Units**  
**American Literature: The Short Story**

**Advisory:** ENGL C100

Designed for the General Education student, this course is an introduction to the American short story, emphasizing major American writers from the nineteenth and twentieth century's and from various cultures in modern/contemporary America. Included is a view of each historical period and mindset and the study of character, plot, theme, point of view, setting, tone, style, and other literary devices as they function within the context of the particular story. Transfer Credit: CSU; UC

**ENGLISH C146** **3.0 Units**  
**Introduction to 20th Century Military Fiction**

A survey of 20th century military fiction. This course will provide an overview of the literary content and social values found in selected works of military literature. Transfer Credit: CSU

**ENGLISH C150** **3.0 Units**  
**American Literature to the Civil War**

**Advisory:** ENGL C100

This course is designed to expose students to the legends, poetry, short stories, and essays of early American writers beginning with Native Americans, through Colonialism to the Civil War. Students will examine the philosophical, cultural, religious, and historic elements related to these texts. Attention will be paid to literary devices and styles evident in individual works and the commentary made by these works on moral and social issues. Writers include Mary Rowlandson, Benjamin Franklin, Phillis Wheatley, William Apess, Frederick Douglass, Harriet Beecher Stowe, Edgar Allen Poe, Louisa May Alcott, Washington Irving, Henry David Thoreau, Nathaniel Hawthorne, Herman Melville, and many others will be included. Transfer Credit: CSU; UC

**ENGLISH C155** **3.0 Units**  
**American Literature 1865 to Present**

**Advisory:** ENGL C100

This course is designed to expose students to the poetry, short stories, essays, and novels of American writers after the Civil War to the present. Students will examine the philosophical, cultural, religious, and historic elements related to these texts. Attention will be paid to literary devices and styles evident in individual works and the commentary made by these works on moral and social issues. The course includes major writers such as Walt Whitman, Emily Dickinson, Mark Twain, F. Scott Fitzgerald, Langston Hughes, Robert Frost, Ernest Hemingway, William Faulkner, T.S. Elliott, Toni Morrison, Alice Walker, and many others. Transfer Credit: CSU; UC

**ENGLISH C164** **3.0 Units**  
**Introduction to History and Literature of Theater**

Designed for the General Education student, this course is an introduction to dramatic literature and an examination of the process of theater production. Included is a view of each period of dramatic literature in the context of history and mind set, the study of characterization and theme, and an examination of the creative process. Transfer Credit: CSU; UC

**ENGLISH C180** **3.0 Units**  
**Shakespeare**

**Advisory:** ENGL C100

Analysis and interpretation of the plays of Shakespeare, representing his comedies, histories, tragedies and romances. Includes analysis of structure, plot, characterization, staging and the use of language in a minimum of six plays. Transfer Credit: CSU; UC

**ENGLISH C290** **3.0 Units**  
**British Literature to 1800**

**Advisory:** ENGL C100

Analysis and interpretation of British Literature from the Middle Ages through the Restoration period in the eighteenth century. The course includes the literary characteristics of the major forms during this time period. Writers from this period may include Chaucer, Mallory, Elizabeth I, William Shakespeare, John Donne, Andrew Marvell, John Milton, Jonathan Swift, Samuel Johnson, and others. Transfer Credit: CSU; UC

**ENGLISH C295** **3.0 Units**  
**British Literature after 1800**

**Advisory:** ENGL C100

Analysis and interpretation of British Literature from the Romantic Period through the twentieth century. The course includes the literary characteristics of the major forms during this time period. Writers from this period may include William Blake, Robert Burns, Mary Wollstonecraft, William Wordsworth, Samuel Taylor Coleridge, John Keats, Robert Browning, Christina Rossetti, Matthew Arnold, Oscar Wilde, Joseph Conrad, Salman Rushdie, and many others. Transfer Credit: CSU; UC

**ENGLISH C296 3.0 Units****Gothic Victorian Literature**

Advisory: ENGL C100

This course is a survey of Gothic literature written during England's 19th century. The course will begin with the origins of the genre and its major conventions and go on to trace the changes in the genre as measured by its historical and social contexts. Important Gothic texts, including the pre-Victorian work *Frankenstein* and canonical Victorian texts *Dracula* and *Jane Eyre* will be studied in order to identify the components of 19th century British Gothic literature. Transfer Credit: CSU

**ENGLISH C297 3.0 Units****Contemporary Gothic Literature**

Advisory: ENGL C100

This course is a survey of Gothic literature, concentrating on critically-acclaimed novels written during the 20th century in the United States, which demonstrate the use of Gothic conventions in contemporary narrative. The course will begin with the initial development of the genre, and focus on 20th century American Gothicism and its major conventions. The course will study Nobel Prize winner Toni Morrison's "Beloved", Joyce Carol Oates's National Book award-winning "Them" and Jeffrey Eugenides "The Virgin Suicides". The course will also study the 19th century short story "Carmilla" by Le Fanu that illustrates vampire themes, and compare the story's literary conventions to contemporary Gothic themes. Transfer Credit: CSU

**ENGLISH AS A SECOND LANGUAGE INSTITUTE****ENGLISH AS A SECOND LANGUAGE C001 3.0 Units****Grammar Preparation**

Advisory: Placement by ESL assessment process.

This is a very basic course designed to provide interactive practice in comprehending and generating simple English sentences. Focus on the verb be and the simple present tense. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A SECOND LANGUAGE C002 3.0 Units****Grammar 1A**

Advisory: Placement by ESL assessment process.

This is a low, beginning course designed to provide interactive practice in comprehending and generating simple English sentences. Focus on imperatives, forms of the verb be, and the present progressive tense. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A SECOND LANGUAGE C003 3.0 Units****Reading / Writing Preparation**

Advisory: Placement by ESL assessment process.

This is a very basic course designed to provide practice in reading simple, short paragraphs and writing simple sentences in English. Focus on vocabulary building and reading comprehension. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A SECOND LANGUAGE C004 3.0 Units****Reading / Writing 1A**

Advisory: Placement by ESL assessment process.

This is a low, beginning course designed to provide practice in reading simple, short paragraphs and writing simple sentences in English. Focus on vocabulary building and reading comprehension. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A SECOND LANGUAGE C006 3.0 Units****Listening / Conversation Preparation**

Advisory: Placement by ESL assessment process.

This is a very basic listening, speaking, and pronunciation course designed to provide practice in comprehending rudimentary spoken English, speaking clearly, and engaging in simple conversations. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A SECOND LANGUAGE C007 3.0 Units****Listening / Conversation 1A**

Advisory: Placement by ESL assessment process.

This is a low, beginning listening, speaking, and pronunciation course designed to provide practice in comprehending simple spoken English, speaking clearly, and engaging in simple conversations. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A SECOND LANGUAGE C010 3.0 Units****Grammar 1B**

Advisory: Placement by ESL assessment process.

This is a beginning course designed to provide interactive practice in comprehending and generating English sentences in the simple present and present progressive tenses. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A SECOND LANGUAGE C011 3.0 Units****Grammar 1C**

Advisory: Placement by ESL assessment process.

This is a beginning course designed to provide interactive practice in comprehending and generating English sentences in the simple present, present progressive, simple past, and future tenses. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A SECOND LANGUAGE C013 3.0 Units****Reading / Writing 1B**

Advisory: Placement by ESL assessment process.

This is a beginning course designed to provide practice in reading short narrative and descriptive paragraphs and writing simple sentences in English. Focus on reading comprehension and analysis of reading passages. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A SECOND LANGUAGE C015 3.0 Units****Reading / Writing 1C**

Advisory: Placement by ESL assessment process.

This is a high, beginning course designed to provide practice in reading narrative, descriptive, and informative text and writing short paragraphs in English. Focus on reading comprehension and analysis of reading passages. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A SECOND LANGUAGE C017 3.0 Units****Listening / Conversation 1B**

Advisory: Placement by ESL assessment process.

This is a beginning listening, speaking, and pronunciation course designed to provide practice in comprehending simple narratives, descriptions, and dialogs in English, speaking clearly, and engaging in simple conversations. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A SECOND LANGUAGE C018 3.0 Units****Listening / Conversation 1C**

Advisory: Placement by ESL assessment process.

This is a high, beginning listening, speaking, and pronunciation course designed to provide practice in comprehending simple narratives, descriptions, and dialogs in English, speaking clearly, and engaging in simple conversations. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A SECOND LANGUAGE C020 3.0 Units****Grammar 2A**

Advisory: Placement by ESL assessment process.

This is a low, intermediate course designed to provide interactive practice in comprehending and generating English sentences in the present and past simple, progressive, and perfect tenses. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A SECOND LANGUAGE C021 3.0 Units****Grammar 2B**

Advisory: Placement by ESL assessment process.

This is an intermediate course designed to provide interactive practice in comprehending and generating English sentences in the present and past simple, progressive, and perfect tenses, introduction to modal auxiliaries, adjective clauses, and the passive voice. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A SECOND LANGUAGE C022 0.5 Unit****ESL: Sentence Structure 2**

Prerequisite: Placement by ESL assessment process

Advisory: Concurrent enrollment in ESL C024 and C026.

An intensive, intermediate-level grammar course for non native English speakers. A survey of common sentence structures in American English. Emphasis on developing proficiency and fluency in constructing grammatically correct English sentences. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A SECOND LANGUAGE C023 3.0 Units****Reading / Writing 2A**

Advisory: Placement by ESL assessment process.

This is a low, intermediate course designed to provide practice in reading and analyzing short text selections and writing paragraphs including a topic sentence and supporting details. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C024** 0.5 Unit  
**ESL: Reading and Writing 2**  
Prerequisite: Placement by ESL assessment process.

**Advisory: Concurrent enrollment in ESL C022 and C026.**

An intensive, intermediate-level reading comprehension and writing course for non-native English speakers with emphasis on developing vocabulary and communication skills necessary for effective reading and writing in English. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C025** 3.0 Units  
**Reading / Writing 2B**

**Advisory: Placement by ESL assessment process.**

This is an intermediate course designed to provide practice in reading and analyzing short text selections and writing paragraphs including a topic sentence and supporting details. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C026** 0.5 Unit  
**ESL: Listening and Conversation 2**

Prerequisite: Placement by ESL assessment process.

**Advisory: Concurrent enrollment in ESL C022 and C024.**

An intensive, intermediate-level course in English listening comprehension and oral communication for non-native English speakers with emphasis on skills necessary to comprehend spoken English and to speak English fluently and accurately in conversation. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C028** 3.0 Units  
**Listening / Conversation 2**

**Advisory: Placement by ESL assessment process.**

This is a low, intermediate listening, speaking, and pronunciation course designed to provide practice in engaging in conversations in response to lectures, dialogs, and narratives (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C029** 1.0 Unit  
**Citizenship Education for ESL Students**

A competency-based course designed to aid adults in becoming naturalized citizens. Students enrolled in English as a Second Language citizenship classes can prepare for the naturalization examination administered by the federal government. The course deals with the rights, privileges and responsibilities of citizenship in the United States. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C030** 3.0 Units  
**Grammar 3A**

**Advisory: Placement by ESL assessment process.**

This is a high, intermediate course designed to provide interactive practice in comprehending and generating English sentences in the simple, progressive, perfect, and perfect progressive tenses including modal auxiliaries, adjective clauses, and adverb clauses. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C032** 2.0 Units  
**ESL: Sentence Structure 3**

**Advisory: Placement by ESL assessment process**

An intensive, condensed, high, intermediate-level grammar course for non-native English speakers. A survey of common sentence structures in American English. Emphasis on developing proficiency and fluency in constructing grammatically-correct English sentences. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C033** 3.0 Units  
**Reading / Writing 3A**

**Advisory: Placement by ESL assessment process.**

This is a high, intermediate course designed to provide practice in reading and analyzing expository text selections and writing unified, coherent paragraphs with a topic sentence and well-developed supporting details. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C034** 3.0 Units  
**ESL: Reading and Writing 3**

**Advisory: Placement by ESL assessment process.**

An intensive, condensed, high intermediate-level reading comprehension and writing course for non-native English speakers. Emphasis on developing vocabulary and communication skills necessary for effective reading and writing in English. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C038** 3.0 Units  
**Listening / Conversation 3A**

**Advisory: Placement by ESL assessment process.**

This is a high intermediate, listening, speaking, and pronunciation course designed to provide interactive practice in responding to short lectures, dialogs, narratives, and an introduction to simple note taking. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C040** 4.0 Units  
**Intensive Grammar 1B**

**Advisory: Placement by ESL assessment process.**

This is an intensive, beginning course designed to provide interactive practice in comprehending and generating English sentences in the simple present and present progressive tenses. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C041** 4.0 Units  
**Intensive Grammar 1C**

**Advisory: Placement by ESL assessment process.**

This is an intensive, high beginning course designed to provide interactive practice in comprehending and generating English sentences in the simple present, present progressive, simple past, and future tenses. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C042** 4.0 Units  
**ESL: Sentence Structure 2**

Prerequisite: Placement by ESL assessment process.

**Advisory: Concurrent enrollment in ESL C044 and C046.**

An intensive, intermediate-level grammar course for non-native English speakers. A survey of common sentence structures in American English. Emphasis is placed on developing proficiency and fluency in constructing grammatically correct English sentences. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C043** 4.0 Units  
**Intensive Reading / Writing 1B**

**Advisory: Placement by ESL assessment process.**

This is an intensive, beginning course designed to provide practice in reading short narrative and descriptive paragraphs and writing simple sentences in English. Focus on reading comprehension and analysis of reading passages. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C044** 3.0 Units  
**ESL: Reading and Writing 2**

**Advisory: Placement by ESL assessment process.**

An intensive, condensed intermediate-level reading comprehension and writing course for non-native English speakers. Emphasis on developing vocabulary and communication skills necessary for effective reading and writing in English. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C045** 4.0 Units  
**Intensive Reading / Writing 1C**

**Advisory: Placement by ESL assessment process.**

This is a high, beginning course designed to provide practice in reading narrative, descriptive and informative text and writing short paragraphs in English. Focus on reading comprehension and analysis of reading passages. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C046** 4.0 Units  
**ESL: Listening and Conversation 2**

Prerequisite: Placement by ESL assessment process.

**Advisory: Concurrent enrollment in ESL C042 and C044.**

An intensive, intermediate-level course in English listening comprehension and oral communication for non-native English speakers. Emphasis is placed on skills necessary to comprehend spoken English and to speak English fluently and accurately in conversation. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C047** 4.0 Units  
**Intensive Listening / Conversation 1B**

**Advisory: Placement by ESL assessment process.**

This is an intensive, beginning listening, speaking, and pronunciation course designed to provide practice in comprehending simple narratives, descriptions, and dialogs in English; speaking clearly; and engaging in simple conversations. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C048 4.0 Units  
Intensive Listening/Conversation 1C****Advisory:** Placement by ESL assessment process.

This is an intensive, high beginning listening, speaking, and pronunciation course designed to provide practice in comprehending simple narratives, descriptions, and dialogs in English, speaking clearly, and engaging in simple conversations. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C050 4.0 Units  
Intensive Grammar 2A**

**Advisory:** Placement by ESL assessment process. This is an intensive, low intermediate course designed to provide interactive practice in comprehending and generating English sentences in the present and past simple, progressive, and perfect tenses. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C051 4.0 Units  
Intensive Grammar 2B**

**Advisory:** Placement by ESL assessment process. This is an intensive, intermediate course designed to provide interactive practice in comprehending and generating English sentences in the present and past simple, progressive, perfect tenses, and an introduction to modal auxiliaries, adjective clauses, and the passive voice. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C053 4.0 Units  
Intensive Reading/Writing 2A****Advisory:** Placement by ESL assessment process.

This is an intensive, low intermediate course designed to provide practice in reading and analyzing short text selections and writing paragraphs including a topic sentence and supporting details. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C055 4.0 Units  
Intensive Reading/Writing 2B****Advisory:** Placement by ESL assessment process

This is an intensive, intermediate course designed to provide practice in reading and analyzing short text selections and writing paragraphs including a topic sentence and supporting details. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C058 4.0 Units  
Intensive Listening/Conversation 2****Advisory:** Placement by ESL assessment process.

This is an intensive, low intermediate listening, speaking, and pronunciation course designed to provide practice in engaging in conversations in response to lectures, dialogs, and narratives. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C060 4.0 Units  
Intensive Grammar 3A****Advisory:** Placement by ESL assessment process.

This is a high, intermediate course designed to provide interactive practice in comprehending and generating English sentences in the simple, progressive, perfect, and perfect progressive tenses including modal auxiliaries, adjective clauses, and adverb clauses. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C063 4.0 Units  
Intensive Reading/Writing 3A**

**Advisory:** Placement by ESL assessment process. This is an intensive, high intermediate course designed to provide practice in reading and analyzing expository text selections and writing unified, coherent paragraphs with a topic sentence and well-developed supporting details. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C068 4.0 Units  
Intensive Listening/Conversation 3A****Advisory:** Placement by ESL assessment process.

This is an intensive, high intermediate listening, speaking, and pronunciation course designed to provide interactive practice in responding to short lectures, dialogs, narratives, and an introduction to simple note taking. (NOT APPLICABLE TO A.A. DEGREE)

**ENGLISH AS A  
SECOND LANGUAGE C130 3.0 Units  
Grammar 3B****Advisory:** Placement by ESL assessment process

This is a low, advanced course designed to provide interactive practice in comprehending and generating English sentences in the simple, progressive, perfect, and perfect progressive tenses including noun, adjective, adverb clauses, and an introduction to conditionals. Transfer Credit: CSU

**ENGLISH AS A  
SECOND LANGUAGE C132 3.0 Units  
ESL: Sentence Structure 4****Prerequisite:** Placement by ESL assessment process.**Advisory:** Concurrent enrollment in ESL C154 and ESL C156.

An intensive, advanced-level English grammar course for non-native English speakers. A survey of American English sentence structures. Emphasis is placed on developing proficiency and fluency in constructing grammatically correct English sentences. Transfer Credit: CSU

**ENGLISH AS A  
SECOND LANGUAGE C133 3.0 Units  
Reading/Writing 3B****Advisory:** Placement by ESL assessment process.

This is a low, advanced course designed to provide practice in reading and analyzing a variety of essays and articles and writing extended, well-developed comparison/contrast, cause/effect and persuasive paragraphs. Transfer Credit: CSU

**ENGLISH AS A  
SECOND LANGUAGE C134 3.0 Units  
ESL: Reading and Writing 4****Prerequisite:** Placement by ESL assessment process.

An intensive, advanced-level reading comprehension and essay writing course for non-native English speakers. Emphasis is placed on developing communication skills necessary for accurate reading and writing for academic purposes. Transfer Credit: CSU; UC

**ENGLISH AS A  
SECOND LANGUAGE C136 3.0 Units  
ESL: Listening and Conversation 4****Prerequisite:** Placement by ESL assessment process.**Advisory:** Concurrent enrollment in ESL C032 and C034.

An intensive, advanced-level course in English listening comprehension and oral communication for non-native English speakers. Emphasis is placed on skills necessary to comprehend spoken English and to speak English fluently and accurately in conversation. Transfer Credit: CSU

**ENGLISH AS A  
SECOND LANGUAGE C138 3 Units  
Listening/Conversation 3B****Advisory:** Placement by ESL assessment process.

This is a low, advanced listening, speaking, and pronunciation course designed to provide interactive practice in comprehending and responding to short lectures, dialogs, and narratives. Focus on guided note taking. Transfer Credit: CSU

**ENGLISH AS A  
SECOND LANGUAGE C140 3.0 Units  
Grammar/Writing 4A****Advisory:** Placement by ESL assessment process.

This is an advanced course in paragraph writing. Students will refine their use of English syntax and write extended, fully-developed definition, process, descriptive, opinion, and narrative paragraphs. Transfer Credit: CSU

**ENGLISH AS A  
SECOND LANGUAGE C141 3.0 Units  
Grammar/Writing 4B****Advisory:** Placement by ESL assessment process.

This is a high, advanced course in paragraph writing. Students will refine their critical thinking skills and use of English syntax. Course curriculum includes introduction to short essays. Transfer Credit: CSU

**ENGLISH AS A  
SECOND LANGUAGE C143 3.0 Units  
Reading/Writing 4A****Advisory:** Placement by ESL assessment process.

This is an advanced course designed to provide practice in reading and analyzing a variety of essays and articles and writing extended, well-developed classification, comparison/contrast, and cause/effect and argument paragraphs. Transfer Credit: CSU

**ENGLISH AS A  
SECOND LANGUAGE C145 3.0 Units  
Reading/Writing 4B**

**Advisory:** Placement by ESL assessment process.  
This is a high, advanced course designed to provide practice in reading and analyzing a variety of essays and articles and writing extended, well-developed definition, comparison/contrast, opinion, and argument paragraphs. Transfer Credit: CSU

**ENGLISH AS A  
SECOND LANGUAGE C147 3.0 Units  
Listening/Conversation 4A**

**Advisory:** Placement by ESL assessment process.  
This is an advanced listening, conversation, and pronunciation course designed to provide practice in taking effective notes on short lectures and academic topics. Students will also work on refining oral communication skills. Transfer Credit: CSU

**ENGLISH AS A  
SECOND LANGUAGE C148 3.0 Units  
Listening/Conversation 4B**

**Advisory:** Placement by ESL assessment process.  
This is a high, advanced listening, conversation, and pronunciation course designed to provide practice in taking effective notes on short lectures and academic topics. Students will also work on refining oral communication skills. Transfer Credit: CSU

**ENGLISH AS A  
SECOND LANGUAGE C150 4.0 Units  
Intensive Grammar 3B**

**Advisory:** Placement by ESL assessment process.  
This is an intensive, low advanced course designed to provide interactive practice in comprehending and generating English sentences in the simple, progressive, perfect, and perfect progressive tenses including noun, adjective, adverb clauses, and an introduction to conditionals. Transfer Credit: CSU

**ENGLISH AS A  
SECOND LANGUAGE C153 4.0 Units  
Intensive Reading/Writing 3B**

**Advisory:** Placement by ESL assessment process.  
This is a low, advanced course designed to provide practice in reading and analyzing a variety of essays and articles and writing extended, well-developed comparison/contrast, cause/effect and persuasive paragraphs. Transfer Credit: CSU

**ENGLISH AS A  
SECOND LANGUAGE C158 4.0 Units  
Intensive Listening/Conversation 3B**

**Advisory:** Placement by ESL assessment process.  
This is an intensive, low advanced listening, speaking, and pronunciation course designed to provide interactive practice in comprehending and responding to short lectures, dialogs, and narratives. Focus on guided note taking. Transfer Credit: CSU

**ENGLISH AS A  
SECOND LANGUAGE C160 4.0 Units  
Intensive Grammar/Writing 4A**

**Advisory:** Placement by ESL assessment process.  
This is an advanced course in paragraph writing. Students will refine their use of English syntax and write extended, fully-developed definition, process, descriptive, opinion, and narrative paragraphs. Transfer Credit: CSU

**ENGLISH AS A  
SECOND LANGUAGE C161 4.0 Units  
Intensive Grammar/Writing 4B**

**Advisory:** Placement by ESL assessment process.  
This is a high, advanced course in paragraph writing. Students will refine their critical thinking skills and use of English syntax. Course curriculum includes introduction to short essays. Transfer Credit: CSU

**ENGLISH AS A  
SECOND LANGUAGE C163 4.0 Units  
Intensive Reading/Writing 4A**

**Advisory:** Placement by ESL assessment process.  
This is an advanced course designed to provide practice in reading and analyzing a variety of essays and articles and writing extended, well-developed classification, comparison/contrast, and cause/effect and argument paragraphs. Transfer Credit: CSU

**ENGLISH AS A  
SECOND LANGUAGE C165 4.0 Units  
Intensive Reading/Writing 4B**

**Advisory:** Placement by ESL assessment process.  
This is a high, advanced course designed to provide practice in reading and analyzing a variety of essays and articles and writing extended, well-developed definition, comparison/contrast, and opinion and argument paragraphs. Transfer Credit: CSU

**ENGLISH AS A  
SECOND LANGUAGE C167 4.0 Units  
Intensive Listening/Conversation 4A**

**Advisory:** Placement by ESL assessment process.  
This is an intensive, advanced listening, conversation, and pronunciation course designed to provide practice in taking effective notes on short lectures on academic topics. Students will also work on refining oral communication skills. Transfer Credit: CSU

**ENGLISH AS A  
SECOND LANGUAGE C168 4.0 Units  
Intensive Listening/Conversation 4B**

**Advisory:** Placement by ESL assessment process.  
This is an intensive, high advanced listening, conversation, and pronunciation course designed to provide practice in taking effective notes on short lectures on academic topics. Students will also work on refining oral communication skills. Transfer Credit: CSU

**ENGLISH AS A  
SECOND LANGUAGE C408 0.0 Unit  
ESL: Preparation**

**Advisory:** Placement by ESL assessment process.  
A beginning course in English grammar, conversation, reading, and writing. This course is for students with little or no knowledge of the English language. Emphasis is placed on basic sentence structures and simple, practical conversation skills.

**ENGLISH AS A  
SECOND LANGUAGE C412 0.0 Unit  
ESL: Sentence Structure 1**

**Advisory:** Placement by ESL assessment process.  
An intensive, beginning English grammar course for non-native English speakers. A survey of simple sentence structures in American English. Emphasis on developing proficiency and fluency in constructing grammatically-correct English sentences.

**ENGLISH AS A  
SECOND LANGUAGE C414 0.0 Unit  
ESL: Reading and Writing 1**

**Advisory:** Placement by ESL assessment process.  
A beginning-level course in English reading and writing for non-native English speakers. Emphasis on developing vocabulary and communication skills necessary for reading and comprehending simple, short paragraphs and writing simple sentences.

**ENGLISH AS A  
SECOND LANGUAGE C416 0.0 Unit  
ESL: Listening and Conversation 1**

**Advisory:** Concurrent enrollment in ESL C412 and C414.

An intensive, beginning-level course in English listening comprehension and oral communication for non-native English speakers. Emphasis is placed on skills necessary to comprehend spoken English and to speak English fluently and accurately.

**ENGLISH AS A  
SECOND LANGUAGE C435 0.0 Unit  
ESL: Advanced Pronunciation**

**Advisory:** Placement by ESL assessment process.  
A pronunciation and communication course for non native English speakers of intermediate to advanced level English proficiency. Emphasis is placed on highly accurate pronunciation and comprehension of American English speech patterns and communication skills necessary for common business and social situations.

## **ENVIRONMENTAL STUDIES**

**ENVIRONMENTAL  
STUDIES C100 3.0 Units  
Introduction to Environmental Science**

Environmental Science for non-science majors, which features armchair field trips on the development of natural resources and related environmental problems, with emphasis on energy resources. This course includes real field trips to a geothermal power plant, a solar power plant, a wind farm, a Superfund cleanup project, and the headquarters of the South Coast Air Quality Management District. Transfer Credit: CSU

## **FOODS AND NUTRITION**

**FOODS AND NUTRITION C170 3.0 Units  
Nutrition**

Scientific concepts of nutrition relating to the functioning of nutrients in the basic life processes, individual needs, and food sources of nutrients, current nutrition issues, and diet analysis will be emphasized. Transfer Credit: CSU

**FOODS AND NUTRITION C175 3.0 Units  
Nutrition and Aging**

Fundamentals of foods and nutrition and food topics related to the health and well being of older adults. Transfer Credit: CSU

**FRENCH****FRENCH C061 2.0 Units****Intermediate Practical French****Advisory:** FREN C060

This is a continuing course in the fundamental skills of spoken and basic written French. Students will refine correct pronunciation and basic structural patterns and will acquire vocabulary necessary to understand and carry on simple conversations in French. They will be introduced to print media and will come to understand simple documents written in French.

**FRENCH C107 0.5 Unit****French Grammar Fundamentals**

Introduction to and practice with basic grammatical processes and terminology in French. Transfer Credit: CSU

**FRENCH C108 0.5 Unit****French Grammar Practicum**

Practical applications of basic grammatical processes and terminology in French. Transfer Credit: CSU

**FRENCH C109 0.5 Unit****French Grammar Review**

Review of basic grammatical processes and terminology in French. Transfer Credit: CSU

**FRENCH C119 0.5 Unit****French Language and Culture Basics**

Introduction to the French language culture, and the francophone world. Transfer Credit: CSU

**FRENCH C120 0.5 Unit****French Culture in Media**

A survey course concentrating on media-sourced readings and writings of the countries, customs, and cultures where French is or has been spoken, included in its dialectal or historical forms. Global interconnections are to be emphasized among francophone civilizations and between the francophone and the Anglophone. Students will learn and employ vocabulary and writing styles consistent with social and regional dialects. Transfer Credit: CSU

**FRENCH C144 2.0 Unit****Introduction to French Short Stories**

Introduction to the short story in French and the francophone world, emphasizing the uniqueness of the genre. Features will be emphasized that make the stories of various countries and traditions similar, and distinctive ways will be discussed in which each country has realized this traditionally French genre. Stories will be analyzed with regard to plot, character, theme, point of view, setting, tone, style, and other literary devices. In addition, each story's particular linguistic features and socio-cultural context will be examined. Transfer Credit: CSU

**FRENCH C158 2.0 Units****French for Business****Prerequisite:** FREN C180

Introduction to fundamental skills of spoken French, developing ability to communicate using vocabulary and structures especially serviceable in travel and business. Emphasis is on development of aural/oral skills through practical "situational dialogues" mimicking likely encounters that students will have. Finding one's way; changing currency; discussing issues of finance and international affairs in a simple manner; using telephones and taking telephone messages; and making reservations for lodging, eating, and transport will be among the situations presented. Student participation is encouraged, and an intensive format may be employed to expedite learning. Transfer Credit: CSU

**FRENCH C160 2.0 Units****Beginning Practical French**

Introduction to fundamental skills of French, concentrating on pronunciation and structural patterns especially useful in travel and business. Sound pattern production and perception as well as listening will be emphasized, and simple reading and writing introduced. Situational dialogues will offer students opportunities to learn specialized vocabulary for special circumstances, such as finding their way, changing currency, using telephones, and making reservations for lodging, eating, and transport. Schedules and short news items, as well as cultural vignettes and language/country profiles, will provide extra-linguistic context. Transfer Credit: CSU

**FRENCH C176 1.0 Unit****Introductory Conversational French****Prerequisite:** FREN C180 or C180B

Conversational course using vocabulary and grammar of elementary French, concentrating on customs, words, and structures useful to the Anglophone who would do business with or in the francophone world, including Canada, Senegal, Côte d'Ivoire, Belgium, and Switzerland, among others. Transfer Credit: CSU

**FRENCH C177 1.0 Unit****Elementary Conversational French****Prerequisite:** FREN C180 or C180B

Conversational course using vocabulary and grammar of elementary French, concentrating on customs, words, and structures useful to the Anglophone who would do business with or in the francophone world, including Canada, Senegal, Côte d'Ivoire, Belgium, and Switzerland, among others. Transfer Credit: CSU

**FRENCH C178 1.0 Unit****Intermediate Conversational French****Prerequisite:** FREN C180 or C180B

Conversational course using vocabulary and grammar of elementary French, concentrating on words and structures useful to the Anglophone who would interact with the francophone world, including Canada, Senegal, Côte d'Ivoire, Belgium, and Switzerland, among others. Transfer Credit: CSU

**FRENCH C179 1.0 Unit****Advanced Conversational French****Prerequisite:** FREN C180 or C180B

Conversational course using vocabulary and grammar of colloquial French, concentrating on words and structures useful to the Anglophone who would interact with the francophone world, including Canada, Senegal, Côte d'Ivoire, Belgium, and Switzerland, among others. Transfer Credit: CSU

**FRENCH C180 5.0 Units****Elementary French 1**

Introduction to French language, culture and thought with emphasis upon listening, comprehension, speaking, reading and basic writing skills. Students will become acquainted with fundamental sounds, forms and structures of French and will be aware of the cultural and linguistic backgrounds of Francophone countries. Transfer Credit: CSU; UC Credit Limitations, See counselor.

**FRENCH C180A 2.5 Units****Elementary French1A**

Introduction to French language, culture and thought with emphasis upon listening, comprehension, speaking, reading and basic writing skills. Students will become acquainted with fundamental sounds, forms and structures of French and will be aware of the cultural and linguistic backgrounds of Francophone countries. Transfer Credit: CSU; UC Credit Limitations, See counselor.

**FRENCH C180B 2.5 Units****Elementary French 1B****Prerequisite:** FREN C180A

This course is designed to enhance the fundamental abilities developed in students in Introductory Elementary French to comprehend and to converse in ordinary, standard colloquial French. Reading and writing skills are strengthened, and customs and cultures of the Francophone world are noted. FREN C180B is equal to the second half of FREN C180. Transfer Credit: CSU; UC credit limitations. See counselor.

**FRENCH 183 2.0 Units****Review of Elementary French****Prerequisite:** FREN C180 or C180A and C180B

**Advisory: Students who have completed two years of high school French with a grade of "C" or better should enroll in FREN C185.**

This course is designed to improve the student's fundamental skills in both comprehension and communication through writing in basic French. A review of vocabulary and grammar will be provided through interactive lessons. Audio and video materials in French will be included to continue development of listening and reading comprehension skills. This course may be taken four times. Transfer Credit: CSU

**FRENCH C184** **2.0 Units**  
**Introduction to French Phonetics and Phonology**

**Prerequisite:** FREN C180, or one semester, minimum, of college-level French.

Study and practice of the sounds of French, emphasizing the historical development of the French sound system as well as pronunciation, sound patterns, and a history of French vocabulary and intonation. Course uses language history texts as well as poetry, songs, folk tales, and other literary devices, emphasizing pronunciation, production, and comprehension of spoken French, including vocabulary and sound systems unique to colloquial dialects. This course may be taken two times. Transfer Credit: CSU

**FRENCH C185** **5.0 Units**  
**Elementary French 2**

**Prerequisite:** FREN C180 or FREN C180B, or completion of two years of high school French with a grade of "C" or better.

Continuation of FREN C180 or C180B, designed to enhance the student's abilities to comprehend and converse, to read and to write in standard French at the second-semester college level. Diverse cultural and philosophical features of the francophone world will be discussed, and reading and writing skills broadened and deepened. The notions of language, dialect, and socio-cultural variation will be discussed. FREN C185 comprises the single-semester equivalent of FREN C185A and FREN C185B combined. Transfer Credit: CSU; UC Credit Limitations, See counselor.

**FRENCH C185A** **2.5 Units**  
**Elementary French 2A**

**Prerequisite:** FREN C180 or C180B, or completion of two years of high school French with a grade of "C" or better.

Continuation of FREN C180 or C180B, designed to enhance the student's abilities to comprehend and converse, to read and to write in standard French at the second-semester college level. Diverse cultural and philosophical features of the francophone world will be discussed, and reading and writing skills broadened and deepened. The notions of language, dialect, and socio-cultural variation will be discussed. FREN C185A comprises the first half, and FREN C185B the second half, of FREN C185. Transfer Credit: CSU; UC Credit Limitations, See counselor.

**FRENCH C185B** **2.5 Units**  
**Elementary French 2B**

**Prerequisite:** FREN C185A or completion of three years high school French with a grade "C" or better.

Continuation of FREN C185A, designed to enhance the student's abilities to comprehend and converse, to read and to write in standard French at the second-semester college level. Diverse cultural and philosophical features of the francophone world will be discussed, and reading and writing skills broadened and deepened. The notions of language, dialect, and socio-cultural variation will be discussed. FREN C185B comprises the second half, and FREN C185A the first half, of FREN C185. Transfer Credit: CSU; UC credit limitations. See counselor.

**FRENCH C186** **1.0 Unit**  
**Topics in French**

**Prerequisite:** FREN C180

Discussion in French using controversial and topical matters. Opportunities will be proposed to enlarge the vocabulary and to increase the ability to present ideas. Listening to and evaluating the ideas of others will precede spontaneous self-expression. Readings from popular and traditional sources will comprise writing prompts. Transfer Credit: CSU

**FRENCH C190** **1.0 Unit**  
**Introduction to French Culture and Geography 1**

**Advisory:** Some knowledge of French language, history, arts, or culture will be most beneficial.

Brief overview in English of the history, geography, economic and political systems and culture of the French speaking people and countries. Transfer Credit: CSU

**FRENCH C191** **1.0 Unit**  
**French Culture and Geography 2**

**Advisory:** FREN C190 or some knowledge of French.

In depth study of related aspects of France and the French, including culture and cultural traits, tourism, geology and geography, politics and government, demographics, agriculture and industry, all examined both with relation to historical development and to current status. Transfer Credit: CSU

**FRENCH C193** **2.0 Units**  
**(Formerly French C196)**

**Introductory Readings in French**

**Prerequisite:** FREN C180 or FREN C180B

A survey course introducing readings and writings from the countries, customs, and cultures where French is or has been spoken, are included in its dialectal or historical forms. Global interconnections are to be emphasized among francophone civilizations and between the francophone and the Anglophone. Transfer Credit: CSU

**FRENCH C194** **1.0 Unit**  
**Intermediate Reading and Writing in French Culture**

**Prerequisite:** FREN C180, C180B, or C193

A survey course employing readings and writings from the countries, customs, and cultures where French is or has been spoken, are included in its dialectal or historical forms. Global interconnections are to be emphasized among francophone civilizations and between the francophone and the Anglophone. Students will learn and employ vocabulary and writing styles consistent with social and regional dialects. Transfer Credit: CSU

**FRENCH C195** **1.0 Unit**  
**Intermediate Reading in French**

**Prerequisite:** FREN C180 or C180B

A survey course using readings and writings to improve awareness of the countries, customs, and cultures where French is or has been spoken, are including in its dialectal or historical forms. Global interconnections, as well as diverse vocabulary and structures are to be emphasized among francophone civilizations and between the francophone and the Anglophone. Transfer Credit: CSU

**FRENCH C197** **2.0 Units**  
**CLEF (Culture, littérature, écriture en français) and/or (Culture, Literature, and Writing in French)**

Introduction to French culture through literature and writing, concentrating on themes, styles, philosophies, and argumentation patterns characteristic of francophone Canada, Polynesia, and Africa, as well as Europe. Folklore, songs, poetry, drama, fiction, and non-fiction will be discussed; "explication de texte" style criticism will be performed. Transfer Credit: CSU

**FRENCH C198** **2.0 Units**  
**Current Issues in French Culture and Communication**

**Prerequisite:** One semester, minimum, of college-level French.

Course emphasizing fluency and comprehension improvement in French, using vocabulary and grammar learned in elementary French courses, augmented by structures unique to colloquial dialects, to understand and produce written French in a number of contexts. Current issues of importance to French and francophone society will be studied, with the aim of improving linguistic and cultural competence. This course may be taken four times. Transfer Credit: CSU

**FRENCH C260** **3.0 Units**  
**French Short Story and Novel**

**Advisory:** FREN C185

French fictional literature, both historical and contemporary, that is for intermediate to advanced-level students. Course is designed to excite and augment student awareness of French fiction through readings, analyses and discussions in French. Transfer Credit: CSU; UC

**FRENCH C261** **3.0 Units**  
**French Drama and Poetry**

**Advisory:** FREN C185

French theater and poetry, both historical and contemporary designed for intermediate to advanced-level students. Course is designed to challenge and enrich student knowledge through readings, discussions and media presentations in French. Emphasis is placed upon improvement of speaking, reading and comprehension skills through studies and practice of drama and poetry. Transfer Credit: CSU; UC

**FRENCH C280** **4.0 Units**  
**Intermediate French 1**

**Prerequisite:** FREN C185 or at least two semesters of college-level French.

Continuation of FREN C185, designed to develop further the student's ability to read, write, comprehend, and converse in daily spoken and written French at an intermediate level. The course emphasizes the improvement of reading and writing proficiency as the basis for improved speaking and listening skills. Cultural notes, authentic reading materials, literary selections, and grammar practice are offered to broaden the vocabulary and to improve communicative competence. Socio-cultural, psycholinguistic, and philosophical trappings of the French language and francophone cultures are discussed. FREN C280A + C280B = FREN C280 sequence. Transfer Credit: CSU; UC

**FRENCH C280A****2.0 Units****Intermediate French 1A**

**Prerequisite:** FREN C185 or two semesters of college-level French.

Continuation of FREN C185 or C185B, designed to develop further the student's ability to read, write, comprehend, and converse in daily spoken and written French at a third-semester, or intermediate-level. The course emphasizes the improvement of reading and writing proficiency as the basis for improved speaking and listening skills. Cultural notes, authentic reading materials, literary selections, and grammar practice are offered to broaden the vocabulary and to improve communicative competence. Socio-cultural, psycholinguistic, and philosophical trappings of the French language and francophone cultures are discussed. FREN C280A is the first half of a FREN C280A + C280B = FREN C280 sequence. Transfer Credit: CSU; UC credit limitations. See counselor.

**FRENCH C280B****2.0 Units****Intermediate French 1B**

**Prerequisite:** FREN C280A or three semesters of college-level French.

Continuation of FREN C280A, designed to develop further the student's ability to read, write, comprehend, and converse in daily spoken and written French at a fourth-semester, or intermediate-level. The course emphasizes the improvement of reading and writing proficiency as the basis for improved speaking and listening skills. Cultural notes, authentic reading materials, literary selections, and grammar practice are offered to broaden the vocabulary and to improve communicative competence. Socio-cultural, psycholinguistic, and philosophical trappings of the French language and francophone cultures are discussed. FREN C280B is the second half of a FREN C280A + C280B = FREN C280 sequence. Transfer Credit: CSU; UC credit limitations. See counselor.

**FRENCH C285****4.0 Units****Intermediate French 2**

**Prerequisite:** FREN C280 or at least three semesters of college-level French.

Continuation of FREN C280, designed to develop further the student's ability to read, write, comprehend, and converse in daily spoken and written French as it is produced in France and in other francophone countries. The course emphasizes improvement of intermediate-level reading and writing proficiencies as the bases for improving speaking and listening skills and as the sources for enhancement of inter-cultural understanding. Transfer Credit: CSU; UC

**FRENCH C290****1.0 Unit****Francophone Culture and Civilization**

**Prerequisite:** FREN C180

Survey of the arts, cultures, histories, economies, and civilizations of the varied areas comprising the francophone world, dating from before their contact with France and the French to the present time. The course will develop language competencies such as reading and writing and will enhance students' listening and speaking skills, offering them practice in hearing and using forms of French commonly heard outside France. Authentic materials originating from francophone cultures will be used to stimulate group discussions on a variety of topics ranging from current events to global issues. Transfer Credit: CSU

**FRENCH C291****3.0 Units****Introduction to Methods in Translation and Interpretation in French**

**Advisory:** Advance-level competence in French.

Introduction to historical methodologies of and modern theories defining the practice of translation and interpretation in French, offering a multi-faceted foundation for the study of multi-lingual, multi-cultural presentations of information, as well as a context for studying strategies and an opportunity to use theoretical/research background in audiovisual, technical, commercial, legal, and literary domains. Transfer Credit: CSU; UC

**GEOGRAPHY****GEOGRAPHY C100****3.0 Units****World Regional Geography**

This course covers the physical and cultural features of various regions of the world. It examines the relationship between the physical environment and the cultural, political, and economic development of human societies, the reciprocal impact of human societies upon the environment, and current and potential world problems relating to geographic issues. Transfer Credit: CSU; UC

**GEOGRAPHY C180****3.0 Units****Physical Geography**

This course examines the physical elements of geography with particular attention to the earth as a planet. Students will study the interactions between the atmosphere, biosphere, hydrosphere, and lithosphere, how these interactions create particular environments, and the impact of human actions upon earth's environments. Transfer Credit: CSU; UC

**GEOGRAPHY C185****3.0 Units****Cultural Geography**

This course surveys the broad landscape of global cultures in terms of their spatial distributions and interactions. It focuses on how culture shapes physical spaces, how humans perceive these spaces, and how culture and place define people's lives and identity. Transfer Credit: CSU; UC

**GEOLOGY****GEOLOGY C100****3.0 Units****General Geology**

A study of the composition and structure of the earth and the internal and external processes that modify the crust and the surface. Rock and mineral formation, geologic hazards, resource discovery, and uses will be covered. Transfer Credit: CSU; UC credit limitations. See counselor.

**GEOLOGY C130****3.0 Units****California Geology**

A study of California's topography, natural resources, and economic patterns with emphasis on current problems related to geographic factors. During the course, students will develop an overall understanding of geology and then examine specific California regions, learning how and why California has so many geologic wonders. Transfer Credit: CSU; UC

**GEOLOGY C140****3.0 Units****Introduction to Geology**

This course is for non-science majors. Topics include causes and effects of diminishing natural resources and geologic phenomena (earthquakes, volcanoes, etc.); relation of geologic phenomena to earth as a dynamic system; man-made problems such as pollution and waste disposal. Transfer Credit: CSU; UC

**GEOLOGY C141****1.0 Unit****Geology Lab**

**Prerequisite:** GEOL C140 or concurrent enrollment.

Laboratory study of basic physical geology. Emphasizes skills needed for identification of minerals and rocks, interpretation of land surface features based on topographic maps and the understanding of folding, faulting and rock relationships through interpretation of geologic maps. Transfer Credit: CSU; UC credit limitations. See counselor.

**GERONTOLOGY****GERONTOLOGY C120****3.0 Units****Professional Issues in Gerontology**

**Advisory:** SOC C120

This multidisciplinary course addresses the current issues relevant to the older adult population and those working with this population. Biological, psychological, and sociological issues that affect the aged such as health, housing, legislation, education, safety, employment, and grief are covered. Professional issues such as ethics, job burnout, and dealing with loss are also discussed. Emphasis is placed on meeting these needs in the local area with an investigation of community resources. Transfer Credit: CSU

**GERONTOLOGY C123**                      **2.0 Units**  
**Activity Leadership**

**Co-requisite:** 36 hours of employment or volunteer work in the activity department in a Health Care setting.

Provides the information and knowledge needed to plan, direct and implement activity programs in compliance with state and federal regulations. Training in leadership skills, management, and supervision of employees and volunteers. Provides the 36-hour certificate of attendance required to meet State Title 22 and OBRA (Federal) Regulations for a "Qualified Activity Director" in RCFE and Skilled Nursing Facilities. Transfer Credit: CSU

**GERONTOLOGY C124**                      **3.0 Units**  
**Aging and Public Policy**

Cultural and global perspectives of aging and their impact on policy development are examined. Compares and contrasts cultural and global views towards aging and care-giving; philosophical foundations of policy development; social support services networks; retirement income policies; housing options; health care options available and chronic care and community-based services. Transfer Credit: CSU

**GERONTOLOGY C130**                      **3.0 Units**  
**Techniques in Working with the Frail Elderly**

**Advisory:** SOC C120

Specifically targeted for students interested in working in the field of aging as an aide in adult day care, assisted living, or residential care facilities; or homemaker agencies; or as care givers for family members. Provides in-depth practical information on how to work with elderly clients who are frail due to advanced age or dementia. Transfer Credit CSU

**GERONTOLOGY C140**                      **3.0 Units**  
**Aging in a Multicultural Society**

A multicultural course that addresses how one's ethnic background impacts health care attitudes, the delivery of social services, care-giving expectations, and attitudes towards death and dying. Students completing this course will learn the importance of establishing culturally competent health care and social programs for ethnically diverse aging populations. Transfer Credit: CSU

**GERONTOLOGY C190**                      **0.5 Units**  
**Issues in Gerontology**

A topical course covering current issues of concern to those in the field of gerontology. Topics vary each semester. This course may be taken four times. Transfer Credit: CSU

**GERONTOLOGY C191**                      **1.0 Unit**  
**Issues in Gerontology**

A topical course covering current issues of concern to those in the field of gerontology. Topics vary each semester. This course may be taken four times. Transfer Credit: CSU

**GERONTOLOGY C192**                      **1.5 Units**  
**Issues in Gerontology**

A topical course covering current issues of concern to those in the field of gerontology. Topics vary each semester. This course may be taken four times. Transfer Credit: CSU

**GERONTOLOGY C193**                      **2.0 Units**  
**Issues in Gerontology**

A topical course covering current issues of concern to those in the field of gerontology. Topics vary each semester. This course may be taken four times. Transfer Credit: CSU

**GERONTOLOGY C194**                      **2.5 Units**  
**Issues in Gerontology**

A topical course covering current issues of concern to those in the field of gerontology. Topics vary each semester. This course may be taken four times. Transfer Credit: CSU

**GERONTOLOGY C195**                      **3.0 Units**  
**Issues in Gerontology**

A topical course covering current issues of concern to those in the field of gerontology. Topics vary each semester. This course may be taken four times. Transfer Credit: CSU

**GERONTOLOGY C273**                      **3.0 Units**  
**Careers in Gerontology—A Field Practicum**

**Prerequisite:** Be employed or volunteer in the field of Gerontology for a total of 40 hours during the semester.

A focus on career options in the field of gerontology. Bridges the gap between educational theory and on-the-job practices through a placement in the field of gerontology. Transfer Credit: CSU

**GERONTOLOGY C281**                      **1.0 Unit**  
**Work Based Learning**

**Prerequisite:** Be employed or volunteer in the field of Gerontology for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

Enhances opportunities for success and bridges the gap between educational theory and on-the-job practices through individualized performance objectives related to career or occupational goals in the field of Gerontology. This course may be taken four times. Transfer Credit: CSU

**GERONTOLOGY C282**                      **2.0 Units**  
**Work Based Learning**

**Prerequisite:** Be employed or volunteer in the field of Gerontology for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

Enhances opportunities for success and bridges the gap between educational theory and on-the-job practices through individualized performance objectives related to career or occupational goals in the field of Gerontology. This course may be taken four times. Transfer Credit: CSU

**GERONTOLOGY C283**                      **3.0 Units**  
**Work Based Learning**

**Prerequisite:** Be employed or volunteer in the field of Gerontology for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

Enhances opportunities for success and bridges the gap between educational theory and on-the-job practices through individualized performance objectives related to career or occupational goals in the field of Gerontology. This course may be taken four times. Transfer Credit: CSU

**GERONTOLOGY C284**                      **4.0 Units**  
**Work Based Learning**

**Prerequisite:** Be employed or volunteer in the field of Gerontology for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

Enhances opportunities for success and bridges the gap between educational theory and on-the-job practices through individualized performance objectives related to career or occupational goals in the field of Gerontology. This course may be taken four times. Transfer Credit: CSU

## **HEALTH**

**HEALTH C100**                                      **3.0 Units**  
**Personal Health**

Examination of personal and community health issues and problems. Provides basic information for healthful living, stressing positive health behavior and personal responsibility. Areas of emphasis include: life cycle changes, emotional and sexual adjustment, disease prevention and control, personal fitness, nutrition, stress, substance use and abuse, environmental and consumer health. Transfer Credit: CSU; UC

**HEALTH C120**                                      **0.5 - 2.0 Units**  
**Personal Wellness Lifestyle**

Skills and strategies for promoting the total well being of the person, including physical fitness, nutritional awareness, coping with stress through relaxation, and taking responsibility for one's health. Decisions affecting individual and social health will be emphasized. This course may be taken two times. Transfer Credit: CSU

**HEALTH C121**                                      **3.0 Units**  
**Introduction to Health Care Management**

This course introduces students to the subject of Health Care Management and prepares them to start their career in that field. It covers all aspects of management such as communication, coordination, leadership, planning, and decision making. In addition, it also covers organization design, staffing, and budgeting within the context of health care management and administration. Transfer Credit: CSU

**HEALTH C175****3.0 Units****Healthy Aging**

Physical and emotional aspects of healthful living in the later years. Emphasis is placed on the healthy changes that occur during the aging process, ways of coping with these changes, and preventative measures to maximize good health. Transfer Credit: CSU

**HEALTH C281****1.0 Unit****Work Based Learning**

**Prerequisite:** Be employed or volunteer in the field of Health Care Management for 10 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7 units including Work Based Learning.

This course will enhance students' ability to succeed in the field of Health Care management by providing an opportunity to bridge the gap between theory and practice. Students will have specific performance objectives relative to their career or occupational goal in the field of Health Care Management. Transfer Credit: CSU

**HEALTH C282****2.0 Units****Work Based Learning**

**Prerequisite:** Be employed or volunteer in the field of Health Care Management for 10 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7 units including Work Based Learning.

This course will enhance students' ability to succeed in the field of Health Care management by providing an opportunity to bridge the gap between theory and practice. Students will have specific performance objectives relative to their career or occupational goal in the field of Health Care Management. Transfer Credit: CSU

**HEALTH C283****3.0 Units****Work Based Learning**

**Prerequisite:** Be employed or volunteer in the field of Health Care Management for 10 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7 units including Work Based Learning.

This course will enhance students' ability to succeed in the field of Health Care management by providing an opportunity to bridge the gap between theory and practice. Students will have specific performance objectives relative to their career or occupational goal in the field of Health Care Management. Transfer Credit: CSU

**HEALTH C284****4.0 Units****Work Based Learning**

**Prerequisite:** Be employed or volunteer in the field of Health Care Management for 10 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7 units including Work Based Learning.

This course will enhance students' ability to succeed in the field of Health Care management by providing an opportunity to bridge the gap between theory and practice. Students will have specific performance objectives relative to their career or occupational goal in the field of Health Care Management. Transfer Credit: CS

**HISTORY****HISTORY C115****3.0 Units****Latin American History and Culture**

This introductory course in Latin American history covers the Caribbean, Central America, and South America from pre-Columbian times to the present. It emphasizes the development of the cultures, social institutions, political forms, and economic structures of this region, including the complex interactions between Native-American, African, and European societies and the significance of international political and economic connections. Transfer Credit: CSU

**HISTORY C120****3.0 Units****History of American Women**

The course will examine the traditional and developing roles of women in American history. Emphasis will be on the 19th century struggle to gain equal status legally, the struggle of the twentieth century woman to solidify and build on these gains, comparisons of the images developed through literature and mass media with the realities of women's lifestyles and women's contributions to economic, political and social change particularly in the twentieth century. Transfer Credit: CSU; UC

**HISTORY C122****3.0 Units****Chicano History**

This introductory course explores the role played by peoples of Mexican heritage in the development of the United States with a particular focus upon the Southwest. This class will evaluate the significance of Mexican/Latino culture, the status of Chicanos as a minority group within the U.S. society, and the struggles for civil rights. Transfer Credit: CSU; UC

**HISTORY C124****3.0 Units****Vietnamese - American History and Culture**

An introductory course on the history of the Vietnamese-American experience in the 20th century. This course will examine Vietnamese culture, the impact of foreign intervention on the Vietnamese, and finally migration and integration into the U.S. society. Transfer Credit: CSU

**HISTORY C125****3.0 Units****Modern Iraqi History and Culture**

An introductory course on the modern history of the Iraqi experience. This course will examine Iraqi culture, the impact of foreign intervention on Iraq, and 20th century historical developments. Topics will include the British Occupation, Sykes-Picot Treaty, World War II, Baathist politics, and conflict with the United States. The challenges of regional Middle Eastern politics, petroleum, and religious life will be studied, and connections to the present situation will be debated and analyzed. Transfer Credit: CSU

**HISTORY C128****3.0 Units****History of Modern China**

The course surveys the social, cultural, economic, and political development of China from the 17th century to the present, with a particular emphasis upon the 20th century. The class will focus on the transformation of traditional Chinese society in the context of the collapse of the Qing Empire and the rise of Communism. Transfer Credit: CSU; UC

**HISTORY C132****3.0 Units****History of Britain and Ireland I**

This course surveys the history of the British Isles from the Neolithic age through the 17th century. It explores how various cultures synthesized to create English, Scottish, Welsh, and Irish identities. Major topics include Celtic culture, Roman imperialism, Viking impact, and the Tudor and Stuart monarchies as well as the development of parliamentary institutions and the Common Law. Transfer Credit: CSU

**HISTORY C135****3.0 Units****History and Britain and Ireland II**

This course surveys the history of the British Isles from the 17th century to the present. Content spans the major political, economic, social, cultural, and intellectual forces that have shaped the United Kingdom and Ireland. Historical emphasis is placed on constitutional development, the impact of the industrial revolution, and the origins and consequences of British imperialism, Irish nationalism, the world wars, the Cold War, decolonization, the growth of the European community, and contemporary British and Irish culture. Transfer Credit: CSU

**HISTORY C146****3.0 Unit****History of Mexico**

An introductory course on Mexican history and culture from pre-history to modern times. Emphasis will be on ancient civilizations, colonization, independence, foreign intervention, the Revolution of 1910, and modern developments. Transfer Credit: CSU; UC

**HISTORY C150****3.0 Units****History of California**

This course covers the development of California from the earliest times to the present, analyzing the different cultures which have inhabited this region and the diverse societies they have created. Topics include the impact of the natural environment, the relationship between California and the nation, the growth of differences between Northern and Southern California, the role of myth and dreams in the evolution of the state, and the impact of social diversity, including but not limited to categories such as race, ethnicity, class, and gender. Transfer Credit: CSU; UC

**HISTORY C155****3.0 Units****The American West**

This course explores the evolution of the trans-Mississippi West from earliest times to the present. Key topics include the interaction between nature and human society; the significance of the Western mythos in American society; the impact of racial and cultural diversity; the role played by government in the creation of the West; and the evolving role of the West within the context of the nation and the world. Transfer Credit: CSU; UC

**HISTORY C160** **3.0 Units**  
**World History 1**

A survey of the economic, political, social, and cultural evolution of civilizations in Asia, the Near East, Europe, Africa, and the Americas, from antiquity to 1500 C.E. This course covers the origin and early development of human civilizations in each region as well as unique cultural traditions and the beginnings of interactions between the different societies. Transfer Credit: CSU; UC

**HISTORY C165** **3.0 Units**  
**World History 2**

This course traces the economic, political, social, and cultural evolution of civilizations in Asia, the Near East, Europe, Africa, and the Americas from 1500 to the present. It covers the varied impact of industrialization and the creation of a global economy, the evolution and interaction of disparate political systems, and the development of diverse cultural, social, and ideological trends. Transfer Credit: CSU; UC

**HISTORY C170** **3.0 Units**  
**U.S. History to 1876**

A comprehensive examination of the history of the United States from the beginnings of exploration to the end of reconstruction after the Civil War. It covers the political, economic, diplomatic, social, and cultural aspects of American life during this time span. This course fulfills the UC and CSU requirements for the BA degree and is transferable to all state institutions of higher learning. Transfer Credit: CSU; UC

**HISTORY C175** **3.0 Units**  
**U.S. History Since 1876**

A comprehensive examination of the history of the United States from Reconstruction to the present time that covers the political, economic, diplomatic, social, and cultural aspects of American life. This course fulfills the UC and CSU requirements for the BA degree and is transferable to all state institutions of higher learning. Transfer Credit: CSU; UC

**HISTORY C180** **3.0 Units**  
**Western Civilization I**

A study of the development of western culture from the earliest beginnings to 1550 with an emphasis upon the impact of philosophical, social, and economic factors upon western civilization. Transfer Credit: CSU; UC

**HISTORY C185** **3.0 Units**  
**Western Civilization II**

A survey of the development of present day Western society from 1550 to the present, the course will emphasize the cultural, and socio-economic changes wrought by the Reformation, the Enlightenment, the Scientific Revolution, industrialization and imperialism. It will also trace the political evolution of the West by examining a variety of political trends, including liberalism, nationalism, socialism, communism, and fascism. Transfer Credit: CSU; UC

## **HUMAN SERVICES**

**HUMAN SERVICES C100** **3.0 Units**  
**Introduction to Human Services**

A comprehensive survey of the development and scope of the human services field, with a global sensitivity, covers the history of human services, current theories and models of helping, ethics, administration, and careers in human services. Transfer Credit: CSU

**HUMAN SERVICES C101** **3.0 Units**  
**(Same as COUN C101)**  
**Helping Theories and Intervention Strategies**

An overview of the major helping theories and strategies in the counseling process the emphasis will be placed on enabling students to develop theoretical foundations and apply appropriate intervention strategies. Topics covered include dealing with a crisis and disaster, clarifying personal values, solving common problems encountered as a helper, and case management. Transfer Credit: CSU

**HUMAN SERVICES C102** **3.0 Units**  
**Introduction to Crisis Intervention**

This course examines crisis theory, types of crises, crisis intervention strategies and referral procedures. Topics will include: ethical and cultural issues, death and dying, substance abuse, suicide, victimization, AIDS and HIV, and PTSD. Students become familiar with the assumptions of crisis theory and how it shapes interventions. Transfer Credit: CSU

**HUMAN SERVICES C103** **1.5 Units**  
**Introduction to Stress Management**

The course examines stress management in the helping professions and its relationship to health, disease, motor performance, and life quality. Everyday stressors and intervention strategies for managing stress effectively are analyzed. Transfer Credit: CSU

**HUMAN SERVICES C104** **3.0 Units**  
**Treatment Issues in Substance Abuse**

This course will introduce students to theoretical and intervention models involved in the treatment of substance dependencies. Students will explore the effects of substance abuse on the individual, the family unit, workplace, and the community. Topics include counselor characteristics, legal and ethical issues facing substance abuse counselors, pharmacology, and substance abuse assessment, issues of diversity and treatment, group counseling, family counseling, codependency and enabling, and modalities of treatment. Transfer Credit: CSU

**HUMAN SERVICES C115** **0.5 Units**  
**Youth Mentoring**

Designed to prepare students to become mentors, this course will cover mentoring goals and strategies. Participants will learn how to communicate and develop a relationship with a child or adolescent, and how to plan age-appropriate activities, set goals, problem-solve, and handle crises. Transfer Credit: CSU

**HUMAN SERVICES C272** **2.0 Units**  
**Practicum (Field Placement)**

**Advisory:** HSVC C100 and C101. May be taken concurrently.

This course will provide students with the opportunity to apply theories and skills learned in the Human Services program to actual workplace practice. Students will work/participate in a help-agency under the guidance of an approved supervisor. Students will be expected to use learned interviewing and communication skills, document issues and reactions in journals, take part in discussions, and focus on self-awareness. Transfer Credit: CSU

**HUMAN SERVICES C273** **3.0 Units**  
**Practicum (Field Placement)**

**Prerequisite:** HSVC C100 or permission of instructor.

Through online and community agencies, students will learn the work of human services delivery through supervised participation. The course will emphasize student self-awareness and self-esteem, interviewing and communication skills, the relationship of theory and practice, and agency and client systems. Transfer Credit: CSU

## **HUMANITIES**

**HUMANITIES C100** **3.0 Units**  
**Introduction to the Humanities**

A cultural survey of Western Civilization from its roots in prehistory to its influence throughout the world. Consideration of religious, intellectual, sociopolitical, and cultural values as they have influenced artistic expressions in specific historical periods. Transfer Credit: CSU; UC

**HUMANITIES C110** **3.0 Units**  
**Humanities through the Arts**

A survey of cultural achievement as expressed through the art mediums of music, literature, drama, film, painting, sculpture and architecture. Emphasis will be on the history, techniques, interpretation, and evaluation of individual works of Western art. Transfer Credit: CSU; UC

**HUMANITIES C130** **3.0 Units**  
**History and Appreciation of the Cinema**

Historical development of film in America as an art form and as a business. Transfer Credit: CSU; UC

## INFORMATICS

### INFORMATICS C102 3.0 Units

#### Concepts of Programming Languages II

**Prerequisite:** INFM C111, C141, C142, C143, and C144; ICS C123 and C141; PHIL C115; ENGL C100; MATH C225 with a "C" or better grade.

In-depth study of major programming paradigms: imperative, functional, declarative, object-oriented, and aspect-oriented. Understanding the role of programming languages in software development and the suitability of languages in context, including domain-specific languages. Designing new languages for better software development support. Transfer Credit: CSU

### INFORMATICS C111 3.0 Units

#### Software Methods and Tools

**Prerequisite:** INFM C141, C142, C143, and C144; ICS C123; PHIL C115; ENGL C100; MATH C225 with a "C" or better grade.

Concepts and techniques of constructing software in a systematic fashion, including detailed design techniques, specifications, programming methods, quality-inducing procedures, development tools, team techniques, testing, estimation, and performance improvement. Laboratory work involves exercises to illustrate important concepts, methods, and tools. Transfer Credit: CSU

### INFORMATICS C113 3.0 Units

#### Requirements Analysis and Engineering

**Prerequisite:** INFM C111, C141, C142, C143, and C144; ICS C123 and C141; PHIL C115; ENGL C100; MATH C160 and C225 with a "C" or better grade.

Students learn the systematic process of developing requirements through cooperative problem analysis, representation, and validation. Develop techniques of software-intensive systems through successful requirements analysis techniques and requirements engineering. Transfer Credit: CSU

### INFORMATICS C115 3.0 Units

#### Software Specification and Quality Engineering

**Prerequisite:** INFM C102, C111, C113, C141, C142, C143, and C144; ICS C123 and C141; PHIL C115; ENGL C100; MATH C160 and C225 with a "C" or better grade.

A hands-on course in preparing to produce high-quality software through the use of software specifications and other techniques. What constitutes software quality; how to specify it; how to plan for it; how to measure it; software specification; testing; and software process. Transfer Credit: CSU

### INFORMATICS C121 3.0 Units

#### Software Design I

**Prerequisite:** INFM C102, C111, C113, C131, C141, C142, C143, and C144; ICS C123 and C141; PHIL C115; ENGL C100; MATH C160 and C225 with a "C" or better grade.

An introduction to software and design principles, paradigms, tools, and techniques. Topics include alternative and architectural styles, iterative refinement, and design patterns, mapping design onto code, design tools, and design notations. The course includes extensive practice in creating designs and in the study of existing designs. Transfer Credit: CSU

### INFORMATICS C131 3.0 Units

#### Human Computer Interaction

An introduction to human-computer interaction with an emphasis placed on user interface design. Students learn about Human Computer Interaction (HCI) theory, guidelines for effective interface design, and the evaluation of user interfaces. Transfer Credit: CSU

### INFORMATICS C132 3.0 Units

#### Project in Human Computer Interaction and User Interfaces

A project based course in which students, working in teams, will design and implement new software/web based systems, paying particular attention to human computer interface issues. Transfer Credit: CSU

### INFORMATICS C141 4.0 Units

#### Informatics Core Course I

Fundamental concepts of computer software design and construction that includes data, algorithms, functions, and abstractions. Overview of computer systems: data representation, architectural components, operating systems, and networks. Introduction to information systems: parties involved architectural alternatives, usability, and organizational and social concerns. Transfer Credit: CSU

### INFORMATICS C142 4.0 Units

#### Informatics Core Course II

**Advisory:** INFM C141

This course introduces object-oriented programming concepts and techniques classes, objects, inheritance, interfaces, formal languages, automata, and the Java programming language. It introduces additional data structures (hash tables and balanced trees) and explores the basis for making tradeoffs and design decisions among alternative data structures and implementations. Transfer Credit: CSU

### INFORMATICS C143 4.0 Units

#### Informatics Core Course III

**Advisory:** INFM C141 and C142

This course describes the development process for large-scale software systems, explores the tools and techniques available to facilitate development and enhance quality, and provides students with the opportunity to apply these tools and techniques to a problem of significant size. Transfer Credit: CSU

### INFORMATICS C144 1.0 Unit

#### Seminar in Informatics Research Topics

**Advisory:** INFM C141, C142, and C143.

This seminar course explores the current research topics in Informatics. Experts, faculty members, and student team's present topics related to software/interface design, programming and interface design. Transfer Credit: CSU

### INFORMATICS C168 1.5 Units

#### Introduction/Survey of Multimedia Entertainment

This course will present a survey of the multimedia industry. It will focus on entry-level jobs and responsibilities, career paths, and the necessary skills for success. The regional differences in employment and types of projects and products will be explored. An introduction of the production processes from concept to publication will be researched and discussed. Transfer Credit: CSU

### INFORMATICS C171 1.0 Unit

#### Computer Programming with Alice

This course introduces both majors and non-majors to the concepts and topics of computer and simulation programming. Students will develop algorithmic thinking and abstraction through the use of a 3-D animation programming environment. This course is designed for beginning programmers, and web developers who need to understand object oriented concepts. Transfer Credit: CSU

### INFORMATICS C176 3.0 Units

#### Web Animation

The course uses industry standard animation tools in which the principles of animation are developed for web animation. Students are expected to create one short webisode with sound of at least one minute in length using these tools. Transfer Credit: CSU

### INFORMATICS C182 3.0 Units

#### Simulation Building

**Advisory:** DGA C174

Students will learn to apply basic design principles to the solution of visual problems using elements of 3-D design. The student will conceptualize his/her intended design from concept into a 3-D environment. The use of primitive shape based design, 3-D coordinate systems and construction of 3-D models will be explored. Transfer Credit: CSU

### INFORMATICS C184 3.0 Units

#### Interface Design

**Same as DGA C184**

This course covers the basics of designing media using authoring software and creating animation, interactivity, and basic programming techniques. Emphasis is on interface design and development. Transfer Credit: CSU

### INFORMATICS C185 3.0 Units

#### Interface Design Project

**Advisory:** INFM C184

Students, working in teams, will design and implement a multimedia entertainment software system, paying particular attention to human computer/interface issues. Transfer Credit: CSU

## INFORMATION AND COMPUTER SCIENCE

(ALSO, SEE COURSES LISTED UNDER COMPUTER INFORMATION SCIENCE)

### INFORMATION AND COMPUTER SCIENCE C123 3.0 Units

#### Fundamental Data Structures

**Prerequisite:** INFM C141 and C142, PHIL C115; ENGL C100 with a "C" or better grade.

An introduction to computer science that is primarily concerned with the topic of data structures: what various ones are and how they are used, and the pros and cons, in terms of execution time and memory usage, of choosing one over another. Transfer Credit: CSU; UC

**INFORMATION AND COMPUTER SCIENCE C141** 3.0 Units  
**Concepts of Programming Languages 1**  
Prerequisite: INFM C141, C142, and C144; ICS C123; PHIL C115; ENGL C100 with a "C" or better grade.

Explore a broad range of approaches to programming, the technical principles and characteristics of different programming languages, and the issues that programming language designers must consider. Transfer Credit: CSU; UC

## ITALIAN

**ITALIAN C180** 5.0 Units  
**Elementary Italian 1**

**Advisory: Students who have completed two years of high school Italian with a grade of "C" or better should enroll in ITAL C185 or ITAL C185A.**

Beginning course designed to develop students' fundamental ability to both comprehend and converse in daily spoken Italian. The course emphasizes listening, speaking, reading and writing skills, and introduces basic aspects of the life and culture of Italy. Transfer Credit: CSU; UC credit limitations. See counselor.

**ITALIAN C180A** 2.5 Units  
**Elementary Italian 1A**

**Advisory: Students who have completed two years of high school Italian with a grade of "C" or better should enroll in ITAL C185**

Beginning course designed to develop student's fundamental ability to both comprehend and converse in daily spoken Italian. The course emphasizes listening, speaking, reading and writing skills, and introduces basic aspects of the life and culture of Italy. Equivalent to the first half of ITAL C180. Transfer Credit: CSU; UC credit limitations. See counselor.

**ITALIAN C180B** 2.5 Units  
**Elementary Italian 1B**

Prerequisite: ITAL C180A

Second half of beginning course designed to develop students' fundamental ability to both comprehend and converse in daily spoken Italian. The course emphasizes listening, speaking, reading and writing skills, and introduces basic aspects of the life and culture of Italy. Equivalent to the second half of ITAL C180. Transfer Credit: CSU; UC Credit Limitations, See counselor.

**ITALIAN C182** 1.0 Unit  
**Conversational Italian**

**Advisory: ITAL C180 or C180A and C180B**

Conversational course in Italian designed to promote comprehension, build vocabulary and review specific grammar points through readings and oral exercises. Transfer Credit: CSU

**ITALIAN C185** 5.0 Units  
**Elementary Italian 2**

Prerequisite: ITAL C180 or C180B

Continuation of ITAL C180 or C180B, emphasizing acquisition of proficiency in listening comprehension, fluency in speaking, and competence in writing and reading. Cultural traditions including an introduction to Italian folkways, arts, architecture, literature, drama, dance, geography, history, government, and religions will be emphasized. Transfer Credit: CSU; UC credit limitations. See counselor.

**ITALIAN C185A** 2.5 Units  
**Elementary Italian 2A**

Prerequisite: ITAL C180 or C180B

A continuation of elementary level coursework, augmenting basic skills in reading, speaking, understanding, and writing simple Italian. ITAL C185A is equivalent to the first half of ITAL C185, the second level of elementary Italian language studies. Transfer Credit: CSU; UC Credit Limitations, See counselor.

**ITALIAN C185B** 2.5 Units  
**Elementary Italian 2B**

Prerequisite: ITAL C185A

Advanced elementary course in speaking, listening, reading, and writing Italian to achieve simple competence in production, perception, and comprehension. Study of grammar, vocabulary, pronunciation, literature, the media, customs, and culture of Italy. Practice of writing using Italian stylistics. Transfer Credit: CSU; UC Credit Limitations, See counselor.

**ITALIAN C280** 4.0 Units  
**Intermediate Italian 1**

Prerequisite: ITAL C185 or C185B with a grade of "C" or better.

Continuation of ITAL C185 or C185B, with further development of language skills at the intermediate level and exploration of cultures related to the Italian language. Additional emphasis on reading and writing, with an introduction to selected literary works.

**ITALIAN C285** 4.0 Units  
**Intermediate Italian 2**

Prerequisite: ITAL C280 with a grade of "C" or better.

Continuation of ITAL C280, with further refinement of language skills at the intermediate level and investigation of cultures related to the Italian language in preparation for higher level specialized work.

## JAPANESE

**JAPANESE C180** 5.0 Units  
**Elementary Japanese 1**

**Advisory: Students who have completed two years of high school Japanese with a grade of "C" or better should enroll in JAPN C185 or C185A.**

This course is designed to develop the student's fundamental ability to both comprehend and converse in daily spoken Japanese. Early reading and writing skills are introduced, as well as the Japanese customs and culture. Transfer Credit: CSU; UC Credit Limitations, See counselor.

**JAPANESE C180A** 2.5 Units  
**Elementary Japanese 1A**

**Advisory: Students who have completed two years of high school Japanese with a grade of "C" or better should enroll in JAPN C185 or C185A.**

This course is designed to develop the student's fundamental ability to both comprehend and converse in daily spoken Japanese. Early reading and writing skills are introduced, as well as Japanese customs and cultures. JAPN C180A is equal to the first half of JAPN C180. Transfer Credit: CSU; UC Credit Limitations, See counselor.

**JAPANESE C180B** 2.5 Units  
**Elementary Japanese 1B**

**Advisory: Students who have completed two years of high school Japanese with a grade of "C" or better should enroll in JAPN C185 or C185A.**

This course reviews and expands the student's fundamental ability developed in introductory elementary Japanese to comprehend and converse in daily spoken Japanese. Reading and writing skills are strengthened. An introduction to Japanese customs and culture is continued. JAPN C180B is equal to the second half of JAPN C180. Transfer Credit: CSU; UC Credit Limitations, See counselor.

**JAPANESE C182** 1.0 Unit  
**Conversational Japanese**

Prerequisite: JAPN C180A

A conversational course using vocabulary and grammar studied in elementary Japanese courses. Transfer Credit: CSU

**JAPANESE C185** 5.0 Units  
**Elementary Japanese 2**

Prerequisite: JAPN C180 or C180B

Advanced beginning course continuing JAPN C180 or C180B emphasizing listening, speaking, grammar, reading, comprehension, writing skills in elementary Japanese and introducing features of the history, life, and culture of Japan through readings, discussions, audio cassettes, and video presentations. Transfer Credit: CSU; UC Credit Limitations, See counselor.

**JAPANESE C185A** 2.5 Units  
**Elementary Japanese 2A**

Prerequisite: JAPN C180 or C180B

Advanced beginning course continuing JAPN C180 or C180B emphasizing listening, speaking, grammar, reading, comprehension, writing skills in elementary Japanese and introducing features of the history, life, and culture of Japan through readings, discussions, audio cassettes, and video presentations. JAPN C185A is equal to the first half of JAPN C185. JAPN C185A and C185B are equivalent to JAPN C185. Transfer Credit: CSU; UC Credit Limitations, See counselor.

**JAPANESE C185B** 2.5 Units  
**Elementary Japanese 2B**  
**Prerequisite:** JAPN C185A

Advanced beginning course continuing JAPN C185A emphasizing listening, speaking, grammar, reading, comprehension, writing skills in elementary Japanese and introducing features of the history, life, and culture of Japan through readings, discussions, audio cassettes, and video presentations. JAPN C185B is equal to the second half of JAPN C185. Transfer Credit: CSU; UC credit limitations. Transfer Credit: CSU

**JAPANESE C186** 1.0 Unit  
**Topics in Japanese**  
**Advisory:** JAPN C180, C180B or C185A

A conversational Japanese course using vocabulary and grammar studied in the intermediate level of Japanese fundamentals. The topics will be a continuation of JAPN C182 and suggested topics may be selected by students and the instructor. Transfer Credit: CSU

## LEADERSHIP

**LEADERSHIP C140** 3.0 Units  
**Leadership 1**

An introductory participative course designed for individuals wanting to improve their current leadership and management skills. Emphasis is on assessing leadership skills; analyzing management styles; evaluating interactions among leaders, followers, and situations, communicating within groups; reducing conflicts; setting goals; delegating tasks; utilizing parliamentary procedure; and conducting effective meetings through the Student Advisory Council. Transfer Credit: CSU

**LEADERSHIP C145** 3.0 Units  
**Leadership 2**  
**Advisory:** LEAD C140

A participative course designed for individuals wanting to improve their current leadership and management skills. Topics include knowing what leadership is, challenging the process, inspiring a shared vision, enabling others to act, modeling the way, recognizing contributions and accomplishments, and becoming a caring and effective leader through the Student Advisory Council. Other topics include evaluating personal leadership and management skills, solving problems creatively, communicating supportively, gaining power and influence, managing conflict, and motivating others. Transfer Credit: CSU

**LEADERSHIP C150** 3.0 Units  
**Leadership 3**  
**Advisory:** LEAD C140 and C145

An introductory participative course designed for individuals wanting to improve their current leadership and management skills. Topics include reviewing leadership myths and communication realities, studying the different phases of group development, analyzing the various task and social dimensions within groups, evaluating both competitive and cooperative group climates, and moving from defensive to supportive group environments. Additional topics include evaluating leadership roles within groups, analyzing defective and effective decision making and problem solving techniques, reviewing power and conflict management strategies, handling difficult people, and becoming an effective leader through the Student Advisory Council (student government). Transfer Credit: CSU

**LEADERSHIP C155** 3.0 Units  
**Leadership 4**  
**Advisory:** LEAD C140, C145, and C150

A participative course designed for individuals wanting to improve their current leadership and management skills. Topics include assessing the connection between leadership and communication; comparing various communication styles and leadership approaches; and analyzing the similarities and differences among leadership, power, influence, and motivation. Additional topics include evaluating leadership characteristics and qualities within individuals, small groups, and large organizations. Students practice their creative leadership skills through the Student Advisory Council (student government). Transfer Credit: CSU

## LEARNING SKILLS

**LEARNING SKILLS C921** 0.0 Units  
**Supervised Tutorial Services Attendance**

This course provides tutorial assistance to students requesting educational support to increase student success. Permission to register will be given at the Student Success Center.

## LEGAL ASSISTANT

SEE PARALEGAL STUDIES

## LIBRARY/INFORMATION SCIENCE

**LIBRARY/INFORMATION SCIENCE C100** 1.0 Unit  
**Introduction to the Virtual Library**

Introduction to electronic information resources and services available through the Coastline Virtual Library. Students will develop basic research skills, such as creating a search topic, developing a search strategy, using electronic search tools, and distinguishing between the different types of resources available. Students will learn to apply critical thinking skills to the research process. Knowledge and skills from this course will provide a foundation upon which future research skills may be built. Transfer Credit: CSU

**ENGLISH C108** 1.0 Unit  
**Library Resources and Research**

How to use today's information resources for success in education, career, and personal life. Course includes strategies for research and reports. Emphasis will be on identifying appropriate resources from the ever-expanding world of information, including print, electronic, World Wide Web, and other media. Transfer Credit: CSU; UC

## LINGUISTICS

**LINGUISTICS C100** 3.0 Units  
**Introduction to Linguistics**

Introduction to the study of human language and systems of communication, providing a theoretical basis for practical applications, such as diagnosis and treatment of language disorders, planning of "language arts" curricula, fights against illiteracy, learning of foreign language and acquisition of native tongues, and the development of computerized speech products. Human language will also be examined as a special form of communication, within the context of other human and non-human signing systems. Transfer Credit: CSU; UC

## MANAGEMENT AND SUPERVISION

**MANAGEMENT AND SUPERVISION C100** 3.0 Units  
**Business Organization and Management**

Business Organization and Management is a course designed to provide a comprehensive review of the role of management in the current business environment. Students will be introduced to the terminology, theories, and principles that make up the core of business management. The 21st Century workplace is undergoing dramatic changes. Organizations are reinventing themselves for speed, efficiency, and flexibility and are creating a strategic advantage with customer-focused leadership. Teams are becoming the basic organizational building block with increased emphasis on employee participation and empowerment. Transfer Credit: CSU

**MANAGEMENT AND SUPERVISION C101** 3.0 Units  
**Management and Employee Communication**

Management and Employee Communications is designed to provide communication strategies applied in the supervisory and management roles and responsibilities in today's rapidly changing workplace environments. Topics include development of speaking, listening, and writing skills for managers/supervisors, consistent with good human relations, leadership, and problem solving principles. The course content emphasizes memos and letters, reports, career communications, oral communication, global and multicultural issues, legal and ethical situations, and communication technology. Transfer Credit: CSU

**MANAGEMENT AND SUPERVISION C102****3.0 Units****Human Relations**

Explores the influence of individual differences, interpersonal dynamics and culture on human relations. Focus is on learning to apply the principles of these social sciences as skills. Emphasis is on improving working relationships and dealing with a variety of people and situations. This course is designed for on-the-job trainees or mid-management trainees who are seeking further insights in dealing with coworkers and management. Transfer Credit: CSU

**MANAGEMENT AND SUPERVISION C104****3.0 Units****Human Resource Management**

This course is an introduction to current human resource management practices in equal opportunity and affirmative action, personnel planning and recruiting, job analysis, interviewing techniques, human resource strategic planning, and employee development and training. A practical "hands-on approach" will blend skill-building opportunities with traditional management principles to help prepare to become effective supervisors and managers in today's workplace environments. Transfer Credit: CSU

**MANAGEMENT AND SUPERVISION C283****3.0 Units****Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Management and Supervision for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Management and Supervision by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Management and Supervision. This course may be taken four times. Transfer Credit: CSU

**MANAGEMENT AND SUPERVISION C284****4.0 Units****Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Management and Supervision for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Management and Supervision by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Management and Supervision. This course may be taken four times. Transfer Credit: CSU

**MARINE SCIENCE****MARINE SCIENCE C100****3.0 Units****Introduction to Marine Science**

A general study of the marine environment. Examines the chemical, biological and geological properties of the sea, the sea as a natural resource and its geo-political and economic impact. Transfer Credit: CSU; UC

**MARINE SCIENCE C100L****1.0 Unit****Marine Sciences Oceanography Laboratory**

An orientation to marine science research process, techniques, equipment, institutions, and training/education centers. Investigations of physical and chemical properties of the sea, conditions of the air/sea/land interface, review of biological taxonomy and classification, study of longitude, latitude, ocean basin geography and geology. Evaluation of the sea as a physical, chemical biological and recreational resource. Analyses of human efforts to control pollution manage fisheries and monitor the ocean world. Transfer Credit: CSU

**MARINE SCIENCE C105****4.0 Units****Marine Biology****Prerequisite:** MRSC C100

A study of the marine environment, interaction of species, populations, and communities. Taxonomy of marine plants and animals through invertebrates, fish, reptiles, birds, and mammals. Transfer Credit: CSU; UC

**MATHEMATICS****MATHEMATICS C004****0.5 Unit****Math Skills 1**

An individualized, self-paced, computerized math program designed to develop, improve, or refresh math skills for college placement exams, job placement, or general math usage. The student will complete a diagnostic assessment at the first session. (NOT APPLICABLE TO A.A. DEGREE)

**MATHEMATICS C005****3.0 Units****Beginning Mathematics****Advisory:** Take Math placement test.

Fundamental operations of arithmetic including operations on whole numbers, fractions, decimals, percents, and descriptive statistics, geometry, and consumer applications. (NOT APPLICABLE TO A.A. DEGREE)

**MATHEMATICS C006****0.5 Units****Math Skills 2**

An intermediate self-paced, computerized math program designed to develop, improve, or refresh math skills for college placement exams, job placement, or general math usage. The student will complete a diagnostic assessment at the first session. (NOT APPLICABLE TO A.A. DEGREE)

**MATHEMATICS C007****3.0 Units****Business Mathematics**

Business Mathematics provides a practical, up-to-date coverage of widely-used topics in business including basic math, bank services, payroll, discounts and markups, simple and compound interest, stocks and bonds, consumer loans, taxes and insurance, depreciation, financial statements, and business statistics. (NOT APPLICABLE TO A.A. DEGREE)

**MATHEMATICS C008****3.0 Units****Pre-Algebra**

**Prerequisite:** MATH C005 or MATH C007 with a grade of "C" or better or achieve qualifying score on Math placement test.

Introduction to algebraic expression and linear equations with an emphasis on the arithmetic of integers, fractions, decimal numbers, and rules of exponents. Applications include ratios, percentages, and graphs.

**MATHEMATICS C010****4.0 Units****Elementary Algebra**

**Prerequisite:** MATH C008 with a grade of "C" or better or achieve qualifying score on Math placement test.

Numerical and algebraic operations, number systems, linear and quadratic equations/inequalities, polynomials, factors, roots and exponents, and applications.

**MATHEMATICS C020****3.0 Units****Plane Geometry**

**Prerequisite:** MATH C010 with a grade of "C" or better or achieve qualifying score on Math placement test.

Construction, congruence, proof, geometric inequalities, parallel lines, perpendicular lines, planes, coordinate geometry, circles and similarity.

**MATHEMATICS C030****4.0 Units****Intermediate Algebra**

**Prerequisite:** MATH C010 with a grade of "C" or better or achieve qualifying score on Math placement test.

Review of elementary algebra, linear and quadratic equations, curve plotting, exponents, radicals, polynomials, systems of equations/inequalities, nonlinear equations, logarithmic and exponential functions, complex numbers, and applications.

**MATHEMATICS C040****4.0 Units****Intermediate Algebra for Liberal Arts Students**

**Prerequisite:** MATH C010 with a grade of "C" or better, or achieve qualifying score on Math placement test.

Modeling and real-world applications of linear, quadratic, polynomial, radical, rational, logarithmic, and exponential functions. Graphing calculator is required. Designed for Liberal Arts students needing to demonstrate proficiency in Intermediate Algebra. Successful MATH C040 students may enroll in MATH C100 or MATH C160.

**MATHEMATICS C070** 5.0 Units  
**Intermediate Algebra and Trigonometry**  
 Prerequisite: MATH C010 with a grade of “C” or better, or achieve qualifying score on Math placement test.

**Advisory:** MATH C020 with a grade of “C” or better.  
 Topics covered will be functions, linear and quadratic equations curve sketching, exponents, rational expressions, rational exponents, logarithms, systems of equations, determinants, Cramer’s rule, conic sections, trigonometric and inverse trigonometric triangles, and complex numbers. This is an intense and fast-paced course designed for students intending to continue into pre-calculus.

**MATHEMATICS C080** 0.5 Unit  
**Math Assessment for Student Success**

An individualized assessment course to determine current math skill level. Emphasis will be on short term, computerized, prescriptive development in math as preparation for the college math placement text or for pre-employment mastery of math. (NOT APPLICABLE TO A.A. DEGREE)

**MATHEMATICS C100** 3.0 Units  
**Liberal Arts Math**

Prerequisite: MATH C030 with a grade of “C” or better or achieve qualifying score on Math placement test.

This course will focus on the mathematics involved in current issues, topics and applications that directly affect students’ lives. Topics may include personal finance, environmental issues, the social sciences, politics and voting, business and economics, graph theory, fractals, art, and music. Transfer Credit: CSU

**MATHEMATICS C103** 3.0 Units  
**Statistics for Elementary Teachers**

Prerequisite: MATH C030 with a grade of “C” or better or achieve qualifying score on Math placement test.

This course is designed for prospective teachers. It is an activity-based exploration of statistics aligned with the California State Mathematics Standards for K-12. Topics include data representation and analysis, randomization and sampling, measures of central tendency and dispersion, hypothesizing, and statistical inference. Letter Grade Only. Transfer Credit: CSU

**MATHEMATICS C104** 3.0 Units  
**Real Numbers for Elementary Teachers**

Prerequisite: MATH C030 with a grade of “C” or better or achieve qualifying score on Math placement test.

This course will build fluency and understanding of basic mathematical concepts and develop reasoning, problem-solving, and communicating skills. The course involves using technology, participating in group work and projects, and observing and/or teaching in local elementary schools. Topics covered include whole numbers, integers, rational numbers, real numbers, number theory, ratio, and proportion. Letter Grade Only. Transfer Credit: CSU; UC

**MATHEMATICS C106** 3.0 Units  
**Geometry for Elementary Teachers**

Prerequisite: MATH C030 with a grade of “C” or better or achieve qualifying score on Math placement test.

This course will build fluency and understanding of basic mathematical concepts and develop reasoning, problem solving, and communicating skills. The course involves using technology, participating in group work and projects, and observing and/or teaching in local elementary schools. Topics covered include data analysis, probability, geometry, measurement, algebra, and coordinate geometry. Letter Grade Only. Transfer Credit: CSU; UC

**MATHEMATICS C115** 4.0 Units  
**College Algebra**

Prerequisite: MATH C030 with a grade of “C” or better or achieve qualifying score on Math placement test.

Basic concepts of algebra, equations and inequalities along with functions and graphs, polynomial and rational functions, exponential and logarithmic functions, systems, matrices and determinants, linear programming, conic sections, sequences, series, and combinatorial. Transfer Credit: CSU; UC

**MATHEMATICS C120** 3.0 Units  
**Trigonometry**

Prerequisite: MATH C030 with a grade of “C” or better or achieve qualifying score on Math placement test.

**Advisory:** MATH C020

Circular functions, trigonometric identities and graphs, inverse functions, triangles, vectors, applications, and imaginary and complex numbers. Transfer Credit: CSU

**MATHEMATICS C140** 4.0 Units  
**Business Calculus**

Prerequisite: MATH C115 or MATH C170 with a grade of “C” or better or achieve qualifying score on Math placement test.

For Business, Management, and Social Science majors. Functions, graphs, limits, continuity, derivatives, and integrals of exponential and logarithmic functions, the Chain Rule, multivariable functions, differential equations, and applications. Transfer Credit: CSU; UC

**MATHEMATICS C150** 4.0 Units  
**Finite Mathematics with Applications**

Prerequisite: MATH C030 with a grade of “C” or better or achieve qualifying score on Math placement test.

Topics include sets, logic, number bases, number theory, mathematical systems, equations, graphs, probability, statistics, matrices, Markov chains, and game theory, with applications. Transfer Credit: CSU; UC

**MATHEMATICS C160** 4.0 Units  
**Introduction to Statistics**

Prerequisite: MATH C030 with a grade of “C” or better or achieve qualifying score on Math placement test.

Topics covered include collecting of data, sampling, probability, hypothesis testing, analyzing of variance, nonparametric testing, and correlating for application in the natural sciences, social sciences, business, and management. Use of statistical technology will be introduced. Transfer Credit: CSU; UC

**MATHEMATICS C170** 5.0 Units  
**Precalculus**

Prerequisite: MATH C120 with a grade of “C” or better or achieve a qualifying score on Math placement test.

Topics include algebra review, complex numbers, sequences and series, polynomial, rational, exponential, logarithmic, and trigonometric and inverse functions, vectors, analytic geometry, linear systems, matrices, elementary theory of equations, and polar coordinates. This course is designed for those students planning to study calculus. Transfer Credit: CSU; UC

**MATHEMATICS C180** 5.0 Units  
**Calculus 1**

Prerequisite: MATH C120 or MATH C170 with a grade of “C” or better or achieve a qualifying score on Math placement Test.

A first course in the calculus sequence. It satisfies the requirement for majors in mathematics, science, or engineering. Topics include limits, derivatives of algebraic and transcendental functions, applications of derivatives, indefinite integrals, definite integrals, the Fundamental Theorem of Calculus, and applications of integration. Transfer Credit: CSU; UC credit limitations. See counselor.

**MATHEMATICS C185** 5.0 Units  
**Calculus 2**

Prerequisite: MATH C180 with a grade of “C” or better or achieve a qualifying score on Math placement test.

Second course in the calculus sequence. It satisfies the requirement for majors in mathematics, science, or engineering. Topics include techniques and applications of integration, calculus applied to parametric curves and polar curves, analytic geometry, sequences, series, and an introduction to differential equations. Transfer Credit: CSU; UC

**MATHEMATICS C280** 5.0 Units  
**Calculus 3**

Prerequisite: MATH C185 with a grade of “C” or better.

Multivariable calculus including vectors, vector-valued functions, functions of several variables, partial derivatives, multiple integrals, calculus of vector fields, Green’s Theorem, Stokes’ Theorem, and the Divergence Theorem. Transfer Credit: CSU; UC

**MATHEMATICS C285** 5.0 Units  
**Introduction to Linear Algebra and Differential Equations**

Prerequisite: MATH C280 with a grade of “C” or better.

Introduction to linear algebra and differential equations, matrices, determinants, eigenvectors and eigenvalues, inverse and implicit function theorems, linear methods and numerical methods, Fourier series, and Laplace transforms Transfer Credit: CSU; UC

## MUSIC

### **MUSIC C100** **3.0 Units** **History and Appreciation of Music**

The study of the major genres, forms, styles, and periods of musical history since the Middle Ages with an emphasis on listening with an increased awareness of the musical material of the composers and characteristics of each period. Transfer Credit: CSU; UC

### **MUSIC C103** **3.0 Units** **World Music**

This course will give the student an appreciation of the elements of music through recorded or performed examples from each of the continents of the world. Emphasis is given to the music of the Americas, Asia, and Africa, and the folk music of Europe, as well as the primary composers of the Western classical tradition. Transfer Credit: CSU

### **MUSIC C104** **3.0 Units** **History of Popular Music in America**

A study of the major popular musical styles of American music from 1840 to the present, with an emphasis on their definition, differentiation, interaction, influence, development, and transformation. Many performers and musical styles will be examined through lectures, demonstrations, and audio or visual presentations. Transfer Credit: CSU

### **MUSIC C105** **3.0 Units** **History of Rock Music**

An overview of the social and musical characteristics of music in the Rock and Roll era, 1950's through the present, with emphasis on its impact on American culture today. Multimedia selections will be used. Transfer Credit: CSU; UC

### **MUSIC C106** **3.0 Units** **History of Jazz**

An overview of the social and musical characteristics of music in the Jazz era from the early 20th century to the present, with an emphasis on its impact on American culture and the world. An appreciation of Jazz History will be achieved through compact discs, videos, live performances, and multimedia. Transfer Credit: CSU; UC

### **MUSIC C130** **2.0 Units** **Beginning Guitar**

**Prerequisite: Must have own acoustic or electric guitar.**

For the beginning player, or a player with no prior professional instruction. Studies include basic chord forms, scales and music theory. Focus is on music styles of the last 40 years and is very "rock" oriented. Students learn songs of their choice as part of the curriculum. Student must provide own acoustic or electric guitar. Daily practice is necessary for satisfactory progress. This course may be taken four times. Transfer Credit: CSU; UC

### **MUSIC C131** **2.0 Units** **Intermediate Guitar**

**Prerequisite: Must have own acoustic or electric guitar.**

**Advisory: MUS C130**

Continuation of MUS C130 or placement at instructor's discretion. Studies include advanced chord forms, modes, diatonic music theory, improvisation and song analysis. Focus is on music styles of the last 40 years and is very rock oriented. Students learn songs of their choice as part of the curriculum. Student must provide own acoustic or electric guitar. Daily practice is necessary for satisfactory progress. This course may be taken two times. Transfer Credit: CSU; UC

## PARALEGAL STUDIES

### **LAW C100** **3.0 Units** **Introduction to Paralegal Studies**

Introductory course covering the relationship between paralegals and attorneys and clients. Topics include structure of the profession, federal and state court systems, ethical standards, legal terminology, investigation techniques, research, case and statute analysis, overview of legal practice areas, and communication. Transfer Credit: CSU

### **LAW C105** **3.0 Units** **Civil Litigation 1**

**Advisory: LAW C100 and C127**

Learn, analyze, and examine the basic principles of civil litigation as applicable to jurisdiction, venue, and preparation of pleadings, discovery, motions, trial preparation, and alternative dispute resolution by plaintiffs and defendants in the California court system. Transfer Credit: CSU

### **LAW C110** **1.5 Units** **Civil Litigation 2**

**Advisory: LAW C105 and C120**

Basic principles of civil litigation as applicable to discovery, injunctions, attachments, summary judgment, dispute resolution, and develop and improve legal writing skills and style. Transfer Credit: CSU

### **LAW C115** **1.5 Units** **Criminal Litigation**

**Advisory: LAW C100 and C120**

The criminal court system and litigation in criminal cases, constitutional law, criminal law, criminal procedure; including investigation, prosecution, defenses, discovery, motions, trial preparation, and appeal in criminal cases. Transfer Credit: CSU

### **LAW C118** **3.0 Units** **Legal Analysis and Briefing**

**Advisory: LAW C100, C127, and/or C128**

Learn the methods and procedures of statutory and case law analysis, including proper briefing and persuasive writing techniques. Transfer Credit: CSU

### **LAW C120** **3.0 Units** **Legal Research**

**Advisory: LAW C100 or C127, C118, and C128**

Course in legal research methods and writing by examination and analysis of the law, written legal memoranda, and supervised library assignments. Students will have a working knowledge of statutory and case law, secondary sources, and computerized research techniques. Transfer Credit: CSU

### **LAW C122** **1.0 Unit** **Computer Assisted Legal Research**

**Prerequisite: LAW C120 or concurrent enrollment.**

**Advisory: LAW C118**

This course is a continuation of LAW C120, solving legal research problems with computer assisted legal research resources. Transfer Credit: CSU

### **LAW C126** **3.0 Units** **Legal Aspects of Health Care Administration**

This course introduces students to the legal and ethical issues that affect the health care industry, health care providers, and health care managers. It covers all related topics such as tort law, criminal aspects of health care, patient confidentiality, release of medical information, informed consent, corporate and personal liability, and medical malpractice. Special emphasis is placed on the procedures that protect the security of health care data. Transfer Credit: CSU

### **LAW C127** **3.0 Units** **Legal Procedure 1**

Knowledge and skills required of paralegals and legal assistants, including procedures and functions in the court structure and litigation procedures including personal injury and general civil cases, probate, family law, dissolution, adoption, and bankruptcy. Transfer Credit: CSU

### **LAW C128** **3.0 Units** **Legal Procedure 2**

**Advisory: LAW C127 or concurrent enrollment.**

Continuation of LAW C127, including civil procedures in unlimited and limited courts with emphasis on preparing, filing, and bring to judgment breach of contract, landlord-tenant and personal injury actions, including discovery, law and motion, research, arbitration, calendaring; business entities and formation of small corporations, real estate terminology; criminal law introduction; and skills, techniques, and abilities the paralegal will be expected to have in the workplace. Transfer Credit: CSU

### **LAW C130** **1.5 Units** **Law Office Management**

**Advisory: LAW C100 or C120 and C128**

A study of the systems and procedures for management and administration of legal entities, including structure and decision process, delegation, personnel selection, job descriptions, office policies, file systems, calendar systems, records management, new matters and client conflicts, facilities, communication, technology, billing systems, risk management, ethics, and paralegal employment. Transfer Credit: CSU

<p><b>LAW C135</b>                      <b>1.5 Units</b>  <b>Family Law</b>  <b>Advisory:</b> LAW C100 or C127</p> <p>Topics include organization and jurisdiction of the Family Law Court, marriage, annulment, dissolution, and non-marital property agreements, custody, support, visitation, use of family code and current case law applications, preparation for trial, temporary orders, appeals, and judgment enforcement. Transfer Credit: CSU</p>	<p><b>LAW C158</b>                      <b>3.0 Units</b>  <b>Intellectual Property</b>  <b>Advisory:</b> LAW C100 and C105</p> <p>A study of the requirements and procedures for obtaining and maintaining patent, trademark, copyright protection, and trade secret under the laws of the United States and foreign laws, including regulations, formulate search requests, preparation of applications, forms and documents, maintenance of records and protection of information through litigation or licensing. Transfer Credit: CSU</p>	<p><b>LAW C281</b>                      <b>1.0 Units</b>  <b>Work Based Learning</b>  <b>Prerequisite:</b> Be employed or volunteer in a field related to Paralegal for 5 hours per week per 1.0 unit of Work Based Learning.  <b>Co-requisite:</b> Be enrolled in a total of 7.0 units including Work Based Learning.</p> <p>To enhance each Work Based Learning participant's opportunity for success in the field of Paralegal by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Paralegal. This course may be taken four times. Transfer Credit: CSU</p>
<p><b>LAW C142</b>                      <b>3.0 Units</b>  <b>Probate Administration/Estate Planning</b>  <b>Advisory:</b> LAW C100 or C127</p> <p>Organization and jurisdiction of the Probate Court, administration of estates, including gift, income, inheritance and estate taxes, estate litigation, and will contests, conservatorships, guardianships and intestate succession, wills and other disposition of property, review of probate avoidance mechanisms, trust administration after death, and elder law. Transfer Credit: CSU</p>	<p><b>LAW C160</b>                      <b>1.5 Units</b>  <b>Civil Trial and Evidence</b>  <b>Advisory:</b> LAW C105 and C120</p> <p>Basic principles of preparing a civil case for trial, including preparation of a trial notebook, pre-trial and post-trial motions, jury instructions, verdicts, judgments, and the principles of evidence and its preparation for presentation in court. Transfer Credit: CSU</p>	<p><b>LAW C282</b>                      <b>2.0 Units</b>  <b>Work Based Learning</b>  <b>Prerequisite:</b> Be employed or volunteer in a field related to Paralegal for 5 hours per week per 1.0 unit of Work Based Learning.  <b>Co-requisite:</b> Be enrolled in a total of 7.0 units including Work Based Learning.</p>
<p><b>LAW C148</b>                      <b>1.5 Units</b>  <b>Elder Law</b>  <b>Advisory:</b> LAW C100 or C142</p> <p>Substantive and procedural law and federal, state, and administrative regulations, as they pertain to the senior population, including Social Security, Medicare, Medi-Cal/SSI, funding sources, pensions, residential and/or long term care, and applicable probate statutes. Transfer Credit: CSU</p>	<p><b>LAW C161</b>                      <b>3.0 Units</b>  <b>Tort Law</b>  <b>Advisory:</b> LAW C100, C105, and C127</p> <p>The substantive and procedural law of tort law principles in intentional tort, negligence, and strict liability in tort in a study and instruction developed for paralegals. Transfer Credit: CSU</p>	<p>To enhance each Work Based Learning participant's opportunity for success in the field of Paralegal by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Paralegal. This course may be taken four times. Transfer Credit: CSU</p>
<p><b>LAW C150</b>                      <b>3.0 Units</b>  <b>Corporate/Business Organizations</b>  <b>Advisory:</b> LAW C100 and C128</p> <p>Introduction to the formation, maintenance and dissolution of corporations (C and S, professional, and non-profit), partnerships, sole proprietorships, limited liability companies (federal and state), securities regulations; including corporate reorganizations, stock and asset sales, mergers and consolidations and the simple sale of small business. Transfer Credit: CSU</p>	<p><b>LAW C164</b>                      <b>3.0 Units</b>  <b>Contract Law</b>  <b>Advisory:</b> LAW C100 and C128</p> <p>The substantive and procedural law of contracts [transactional and litigation] in a study and instruction developed for paralegals. Transfer Credit: CSU</p>	<p><b>LAW C283</b>                      <b>3.0 Units</b>  <b>Work Based Learning</b>  <b>Prerequisite:</b> Be employed or volunteer in a field related to Paralegal for 5 hours per week per 1.0 unit of Work Based Learning.  <b>Co-requisite:</b> Be enrolled in a total of 7.0 units including Work Based Learning.</p>
<p><b>LAW C152</b>                      <b>3.0 Units</b>  <b>Conflict Analysis and Resolution</b>  <b>Advisory:</b> LAW C100</p> <p>This course introduces the student to the basic skills needed to begin evaluating client needs regarding the use of alternative solutions to resolving conflicts and explore the changing climate of litigation-oriented practices, including ethical considerations. Transfer Credit: CSU</p>	<p><b>LAW C165</b>                      <b>3.0 Units</b>  <b>Contract and Tort Law</b>  <b>Advisory:</b> LAW C100</p> <p>The substantive and procedural law of contract (transactional and litigation) and of tort law principles in intentional tort, negligence, and strict liability in tort in a study and instruction developed for paralegals. Transfer Credit: CSU</p>	<p>To enhance each Work Based Learning participant's opportunity for success in the field of Paralegal by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Paralegal. This course may be taken four times. Transfer Credit: CSU</p>
<p><b>LAW C155</b>                      <b>3.0 Units</b>  <b>Bankruptcy Law and Procedures</b>  <b>Advisory:</b> LAW C100 or C127and C105</p> <p>An overview of federal bankruptcy law and procedures for the paralegal; introduction to the functions and working of bankruptcy court, the United States Trustee and bankruptcy counsel, examination of Chapters 7, 11, 13, schedules preparation, creditor representation, and bankruptcy research. Transfer Credit: CSU</p>	<p><b>LAW C170</b>                      <b>3.0 Units</b>  <b>Computer Applications for the Paralegal</b>  <b>Advisory:</b> LAW C100 and keyboarding skills at 30 words per minute.</p> <p>This course is designed to acquaint paralegals with basic computer use, including software programs utilized by attorneys (word processing, spreadsheets, and document databases), law-related public databases, non-law public databases, systems management, research, time and billing, and other applications. Transfer Credit: CSU</p>	<p><b>LAW C284</b>                      <b>4.0 Units</b>  <b>Work Based Learning</b>  <b>Prerequisite:</b> Be employed or volunteer in a field related to Paralegal for 5 hours per week per 1.0 unit of Work Based Learning.  <b>Co-requisite:</b> Be enrolled in a total of 7.0 units including Work Based Learning.</p> <p>To enhance each Work Based Learning participant's opportunity for success in the field of Paralegal by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Paralegal. This course may be taken four times. Transfer Credit: CSU</p>

**LAW C390** **2.0 Units****Legal Clinic Practicum/Ethics**

Advisory: LAW C100 and C127

Students in the clinic will work directly under the direction and supervision of clinic attorneys and experienced paralegal instructors. Students will interview clinic clients, prepare and monitor client files, set up interview schedules and perform various management duties relating to clinic operations. Students will examine and evaluate the regulation of lawyers, paralegals and the unauthorized practice of law. This course may be taken two times.

**PHILOSOPHY****PHILOSOPHY C100** **3.0 Units****Introduction to Philosophy**

This course provides an introduction to the main ideas, methods, and problems of philosophy. Topics include the nature of philosophy and reality, questions of human nature and free will, relationship between mind and body, the question of God, sources of knowledge, and personal and social ethics. Multicultural and feminist issues are woven into traditional Western material, including contributions from India (Hinduism and Buddhism), China (Confucianism), Japan (Zen Buddhism), and Native American philosophy, among others. Transfer Credit: CSU; UC

**PHILOSOPHY C113** **3.0 Units****Philosophical Approaches to Sustainability**

A philosophical course focusing upon global environmental issues such as scarcity of resources, world hunger, animal welfare, conservation, and preservation. Transfer Credit: CSU; UC

**PHILOSOPHY C115** **3.0 Units****Logic and Critical Thinking**

Introduction to thinking logically and critically. It will cover the concepts of persuasion, argument, and semantic and logical consistency. It will identify deductive and inductive proofs through categorical and sentential logic. It will address the accurate use of language, both meaning and structure. It will evaluate the effects of advertising, politics, religion, the news media, and textbook creation. It will address the critical thinking issues in such world effecting aspects as philosophies, religions, cultural influences, and history. It will explore the gulf between theory and practice. Transfer Credit: CSU; UC

**PHILOSOPHY C120** **3.0 Units****Ethics**

A comprehensive look at major ethical and moral issues of today. Transfer Credit: CSU; UC

**PHILOSOPHY C140** **3.0 Units****Organizational Ethics**

The elements of moral ethical reasoning appropriate to individuals in organizations in all fields, including business, finance, law, engineering, government, media, social services, scientific research, medicine and neonatal units, and the environment. The focus is on the ethical and social responsibilities of professionals, wherever employed. Transfer Credit: CSU; UC

**PHOTOGRAPHY****PHOTOGRAPHY C100** **2.0 Units****Introduction to Photography and Laboratory**

Prerequisite: Students must provide own adjustable lens camera.

Emphasis on camera technique, film processing, printing and presentation of black and white and color photographs. For those interested in photography vocationally and non-vocationally. Transfer Credit: CSU; UC

**PHOTOGRAPHY C102** **2.0 Units****Photography Techniques and Appreciation**

An introductory course in photography which approaches photography as an art form and means of communication as well as a technical skill. Covers basic mechanical principles of the camera and techniques of responding to the content and structure of photographs. Television guests include renowned photographers, museum curators, historians and critics exploring the many dimensions of photography. Specific photographic assignments are designed to expand photographic vision. Transfer Credit: CSU

**PHOTOGRAPHY C105** **3.0 Units****Basic Non-Laboratory Photography**

Fundamentals of black and white and color photography for personal use. Includes basic information on lenses, filters, film, lighting methods, flash systems, and other accessories. Course will also include application of lighting, composition, design and color theory, with shooting sessions and critiques. Recommend students use 35mm camera. This course may be taken two times. Transfer Credit: CSU

**PHOTOGRAPHY C107** **1.0 Unit****Black and White Darkroom**

Advisory: PHOT C105

Production of custom quality black and white enlargements from personal negatives. Processing techniques of black and white film. Students purchase their own photographic paper and have personal black and white negatives to print or be willing to shoot black and white film to print. This course may be taken two times. Transfer Credit: CSU

**PHOTOGRAPHY C110** **1.5 Units****Creative Darkroom Techniques**

Explores special darkroom techniques which can be employed vocationally or non-vocationally. Includes high contrast, negative sandwich, texturizing, toning, light tracings, and solarization. Transfer Credit: CSU

**PHOTOGRAPHY C120** **2.0 Units****Special Subjects 1**

Advisory: Basic fundamental knowledge of photography.

Introduction to photographic specialty areas including photographing natural and artificial light; photography during inclement weather, photographing people; still life, land, sea and nightscapes, techniques for emphasizing motion; the use of specialized photographic equipment including lenses, filters, and flashes; the understanding of special effects photography including multiple exposure, slide manipulation, and color theory. Class also includes photography as an art form, a study, and a recreation. Recommend students use a 35 mm camera. This course may be taken two times. Transfer Credit: CSU

**PHOTOGRAPHY C121** **2.0 Units****Special Subjects 2**

Advisory: Basic fundamental knowledge of photography.

Introduction to advanced photographic specialty areas; photography as a career including commercial, portraiture, fashion, wedding, and stock photography. Photography as an art including gallery showings, composition, self promotions, the designing of a photograph, travel, and nature photography. Special effects photography emphasizing on "how it is done." Recommend students use a 35 mm camera. This course may be taken two times. Transfer Credit: CSU

**PHYSICAL EDUCATION****PHYSICAL EDUCATION C101** **1.0 Unit****Personal Fitness and Wellness**

Individualized program of exercise, fitness, stress control and body weight control to improve muscle strength, endurance, flexibility, and overall physical fitness to achieve and maintain a healthy lifestyle. Transfer Credit: CSU; UC

**PHYSICAL EDUCATION C102** **0.5 - 1.0 Unit****Lifetime Fitness**

Individualized program for adults to achieve and maintain physical fitness. This course may be taken four times. Transfer Credit: CSU; UC See counselor.

**PHYSICAL EDUCATION C103** **0.5 - 1.0 Unit****Physical Conditioning**

Participation in selected activities designed to improve endurance, strength, flexibility, and body contour personalized to the needs of individual. This course may be taken four times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C105** **0.5 - 1.0 Unit****Weight Training**

A weight training exercise program designed to improve muscle strength, endurance, and physical fitness. This course may be taken four times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C107** 0.5 - 1.0 Unit  
**Gymnastics**

Basic skills of gymnastics to develop conditioning, tone, balance, strength, endurance, and flexibility. This course may be taken four times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C108** 0.5 - 1.0 Unit  
**Aerobics 1**

A beginning aerobic exercise program designed to maximize optimum cardiovascular conditioning, overall flexibility, endurance, strength and physical fitness. This course may be taken four times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C109** 0.5 - 1.0 Unit  
**Cardiovascular Fitness**

An intermediate exercise program focusing on cardiovascular fitness and conditioning. This course may be taken four times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C112** 0.5 - 1.0 Unit  
**Step Aerobics**

Contemporary workout designed to improve each participant's strength and cardiovascular endurance level through steady-state stepping movements using various platform heights requiring gradually increased strength and endurance. This course may be taken four times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C114** 0.5 - 1.0 Unit  
**Cross Training**

A multi-dimensional approach to total body fitness. Cross training will encompass aerobics, running, and weight training and will provide the student an opportunity to develop and maintain a complete conditioning program which balances cardiovascular conditioning, strength, flexibility, and coordination. See counselor. This course may be taken four times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C115** 0.5 - 1.0 Unit  
**Tai Chi Beginning**

A focus on movement, balance, and concentration for greater health and well-being. This course may be taken four times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C116** 0.5 - 1.0 Unit  
**Tai Chi Intermediate**

**Advisory: PE C115**

An intermediate level of Tai Chi skills including movement, balance, and concentration. This course may be taken four times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C118A** 0.5 - 1.5 Units  
**Introduction to Yoga 1**

An overview course in yoga, the integrated study of health and movement. It includes breathing techniques, yoga postures, meditation, and relaxation. Emphasis is on practicing the principles of breathing and deep relaxation to reduce stress as well as practicing the postures to improve flexibility, balance, and strength. The first segment of a two-part course. This course may be taken four times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C118B** 0.5 - 1.5 Units  
**Introduction to Yoga 2**

An overview of yoga, which is an integrated study of health. It includes breathing techniques, yoga postures, meditation, and relaxation. Emphasis is on practicing the principles of breathing and deep relaxation to reduce stress as well as practicing the postures to improve flexibility, balance, and strength. The second segment of a two-part course. This course may be taken four times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C119A** 0.5 - 1.5 Units  
**Hatha Yoga 1**

Designed to teach a variety of yoga postures. Breathing, concentration/meditation and relaxation techniques will be presented as a method of personal development encompassing body, mind, and spirit. The first segment of a two-part course. This course may be taken four times. Transfer Credit: CSU; UC credit limitations.

**PHYSICAL EDUCATION C119B** 0.5 - 1.5 Units  
**Hatha Yoga 2**

Designed to reach a variety of beginning and intermediate yoga postures. Breathing, concentration/meditation and relaxation techniques will be presented as a method of personal development encompassing body, mind, and spirit. This course may be taken four times. Transfer Credit: CSU; UC credit limitations.

**PHYSICAL EDUCATION C120** 0.5 - 1.0 Unit  
**Swimming**

A basic course to improve swimming skills and increase performance. This course may be taken four times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C121A** 0.5 - 1.5 Units  
**Power Yoga 1**

Power Yoga is an ancient Eastern practice, connecting movement using mind, body, and breathing practice. The course focuses on dynamic movement to keep the body strong, flexible, and relaxed. The first segment of a two-part course. This course may be taken four times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C121B** 0.5 - 1.5 Units  
**Power Yoga 2**

Power Yoga is an ancient Eastern practice, connecting movement using mind, body and breathing practice. The course focuses on dynamic movement to keep the body strong, flexible and relaxed. The second segment of a two-part course. This course may be taken four times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C123** 1.0 Unit  
**Lifesaving**

**Prerequisite: Ability to swim 500 yards continuously, using crawl, sidestroke, backstroke and breaststroke, surface dive in deep water, standing front dive, and tread water for one minute.**

All the basic skills required for the American Red Cross Lifesaving Certificate. Transfer Credit: CSU; UC

**PHYSICAL EDUCATION C124** 2.0 Units  
**Water Safety Instructor**

**Advisory: Current American Red Cross Advanced Lifesaving Certificate.**

American Red Cross water safety instructor training course. Principles and methods of teaching swimming, basic diving, lifesaving, and water safety. Transfer Credit: CSU; UC

**PHYSICAL EDUCATION C125** 0.5 - 1.0 Unit  
**Swimnastics**

Exercise using the resistance and buoyancy of water in a program of physical conditioning for swimmers and non swimmers alike. This course may be taken four times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C126A** 0.5 - 1.5 Units  
**Relaxation Movements 1**

The students will participate in a variety of techniques from various Eastern healing traditions which can include Hatha Yoga, Qigong, Taiji (Tai Chi) that are designed to improve quality of life on all levels-physical, emotional, and spiritual. Breathing, concentration/meditation, self-massage, gentle flowing movement, strengthening poses, and relaxation techniques will be presented. The first segment of a two-part course and may be taken four times. Transfer Credit: CSU; UC

**PHYSICAL EDUCATION C126B** 0.5 - 1.5 Units  
**Relaxation Movements 2**

The students will participate in a variety of techniques from various Eastern healing traditions which can include Hatha Yoga, Qigong, Taiji (Tai Chi) that are designed to improve quality of life on all levels-physical, emotional, and spiritual. Breathing, concentration/meditation, self-massage, gentle flowing movement, strengthening poses, and relaxation techniques will be presented. The second segment of a two-part course. This course may be taken four times. Transfer Credit: CSU; UC

**PHYSICAL EDUCATION C136**      **0.5 - 1.0 Unit**  
**Tennis Beginning**

Fundamentals of tennis including rules, equipment, footwork, strokes, and general playing skill development. This course may be taken two times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C137**      **0.5 - 1.0 Unit**  
**Tennis 2**

Intermediate tennis – includes continued skill development in the volley, lob and smash, consisting of ground strokes and serves as well as singles and doubles games strategy. This course may be taken two times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C140**      **0.5 - 1.0 Unit**  
**Golf Beginning**

Fundamentals of golf, including stance, grip, swing, selection and care of equipment, and skill development. Driving range and playing experience will include instruction and tips on driving and fairway shots, putting, chipping, and sand shots. This course may be taken two times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C141**      **0.5 - 1.0 Unit**  
**Golf Intermediate**

Intermediate golf – Includes skill development with woods and irons, rules, etiquette, and scoring. This course may be taken two times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C147**      **0.5 - 1.0 Unit**  
**Volleyball Beginning**

Fundamentals of volleyball including skill development, rules, selection and care of equipment, drills, and team competition. This course may be taken two times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C148**      **0.5 - 1.0 Unit**  
**Volleyball Intermediate**

**Prerequisite: PE C147 or equivalent competency**  
Continuation of Volleyball 1. Includes continued skill development, offensive and defensive team strategies and tactics, and team competition. This course may be taken two times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C164**      **0.5 - 1.0 Unit**  
**Bicycling**

**Prerequisite: Student must furnish own bicycle.**  
Fundamentals of cycling for health, recreation, and competition. Course includes selection and care of equipment, cycling skills and techniques, safety factors, time trials, individual and group competition. This course may be taken four times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C169A**      **0.5 - 1.5 Unit**  
**Self-Defense Arts**

The first segment of a two-part course. The student will participate in and sample a variety of techniques from various Martial Arts, which can include Aikido, Judo, Karate, and Hawaiian Lua that are designed to increase self-awareness, confidence, and assertiveness when faced with a physical confrontation. The Laws of Self-Defense will also be covered in the course. This course may be taken four times. Transfer Credit: CSU

**PHYSICAL EDUCATION C169B**      **0.5 - 1.5 Unit**  
**Self-Defense Arts Part 2**

The second segment of a two-part course. The student will participate in and sample a variety of techniques from various Martial Arts, which can include Aikido, Judo, Jujitsu, Karate, and Hawaiian Lua, that are designed to increase self-awareness, confidence, and assertiveness when faced with a physical confrontation. The Laws of Self-Defense will also be covered in the course. This course may be taken four times. Transfer Credit: CSU

**PHYSICAL EDUCATION C172**      **0.5 - 1.0 Unit**  
**Karate Beginning**

Fundamentals of karate, including preparation/conditioning, balance, flexibility, and development of skills and techniques. This course may be taken two times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C173**      **0.5 - 1.0 Unit**  
**Karate Intermediate**

**Prerequisite: PE C172**  
Intermediate techniques in karate including preparation/conditioning, balance, flexibility, and development of intermediate skills. This course may be taken two times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C174**      **0.5 - 1.0 Unit**  
**Cardio-Kickboxing**

Increase student's balance and strength while sculpting his/her body and reducing his/her reaction time. Basic movements of kickboxing will be introduced and practiced. This course may be taken four times. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICAL EDUCATION C190**      **3.0 Units**  
**Physiology of Exercise**

This course is designed for the student who has an interest in health, wellness, fitness, or sports, or who is planning a career in the fitness industry. This course will cover the basic principles and functions of the three main systems of the body: cardiovascular-respiratory system, metabolic system, and neuromuscular system. Emphasis will be placed on the body's response to exercise conditioning. Transfer credit CSU, UC

**PHYSICAL EDUCATION C190L**      **1.0 Unit**  
**Physiology of Exercise Lab**

**Prerequisite: PE C190**

**Co-requisite: PE C190**

An introduction to techniques and analysis used to determine the body's responses, adjustments, and adaptations to physical activity. Students will be assigned various lab activities that demonstrate the main concepts presented in PE C190, Physiology of Exercise. Students will demonstrate an understanding of the scientific processes of the neurological, cardiovascular, respiratory, muscular, and metabolic systems. Transfer Credit: CSU

## PHYSICS

**PHYSICS C110**      **3.0 Units**  
**Conceptual Physics**

**Advisory: MATH C010 and C020**

Discusses the fundamental laws of nature: mechanics, Newton's Laws, energy, momentum, rotational dynamics, gravity, properties of 3 states of matter, heat and thermodynamics, harmonic motion, waves, and sound. Other topics will be selected from electricity and magnetism, light, and modern physics. Transfer Credit: CSU; UC credit limitations. See counselor.

**PHYSICS C111**      **1.0 Unit**  
**Conceptual Physics Laboratory**

**Prerequisite: PHYS C110 or concurrent enrollment.**

**Advisory: MATH C010 and C020**

Introductory Physics Laboratory to complement PHYS C110. This course utilizes lectures and demonstrations to present various principles of physics in a non-mathematical manner as discussed in PHYS C110. Transfer Credit: CSU; UC

**PHYSICS C120**      **4.0 Units**  
**Algebra Based Physics: Mech**

**Advisory: MATH C030 and PHYS C110 or concurrent enrollment.**

The course covers mechanics, heat, and sound. It satisfies the physics requirement of biological science programs (except University of California Programs) and technical programs, except physics, chemistry, or engineering. It satisfies requirements as liberal arts elective. Transfer Credit: CSU; UC

**PHYSICS C125**      **4.0 Units**  
**Algebra based Physics: Elec/Mag**

**Advisory: MATH C030 and PHYS C120 or concurrent enrollment.**

The course covers electricity, magnetism, light/optics and modern physics. It satisfies the physics requirement of biological science programs and technical programs, except physics, chemistry, or engineering. It satisfies requirements as liberal arts elective. Transfer Credit: CSU; UC

**PHYSICS C185** 4.0 Units  
**Calculus Based Physics: Mech**  
**Advisory:** MATH C030, PHYS C120 and C125 or concurrent enrollment.

The course covers mechanics, heat and sound. Topics include kinematics and dynamics in one and two-dimensions, Newton's Laws of Motion, Energy and Momentum, conservation principles, rotational motions, elasticity, Hook's Law, simple harmonic motion, wave behavior, interference and standing waves, properties of fluids, Pascal's principle and Bernoulli's principle, temperature, heat, calorimetry, the Gas Laws, and the Laws of Thermodynamics. Transfer Credit: CSU

**PHYSICS C280** 4.0 Units  
**General Physics: Electricity Magnetism**  
**Advisory:** MATH C180 and C185, PHYS C110, C120, C125, and C185 or concurrent enrollment.

The course covers electricity and magnetism. Topics include electric fields, Gauss's Law, electric potential, capacitance and dielectrics, current and resistance, direct current circuits, magnetic fields, sources of the magnetic fields, Faraday's Law, inductance, alternating current circuits, and electromagnetic waves. Lecture and Lab. Transfer Credit: CSU

**PHYSICS C285** 4.0 Units  
**General Physics: Light and Modern Physics**  
**Advisory:** MATH C180 and C185, PHYS C110, C120, C125, C185, and C280 or concurrent enrollment.

The course covers light, optics, and modern physics. Topics include nature of light and laws of geometric optics, image formation, and interference of light waves, diffraction patterns and polarization, relativity, introduction to quantum physics, quantum mechanics, atomic physics, molecules, and solids. Transfer Credit: CSU

## POLITICAL SCIENCE

**POLITICAL SCIENCE C100** 3.0 Units  
**American Government**

An introduction to the principles and problems of government, with particular attention to the American political system at all levels. Emphasis is on the human factor in politics and the realities of government at work. Transfer Credit: CSU; UC

**POLITICAL SCIENCE C110** 3.0 Units  
**Survey of Current Issues**  
**Advisory:** Read the U.S. Constitution prior.

An analysis of crucial current political issues in American society and the world. This course will focus on defining key problems facing modern society and potential resolutions. Students will learn how to evaluate contemporary issues in an informed manner and construct arguments based upon reliable data and appropriate political science theory. Transfer Credit: CSU; UC

**POLITICAL SCIENCE C130** 3.0 Units  
**Comparative Politics**

This class provides a comparative analysis of governments in various regions of the world, including Latin America, Asia, Europe, Africa, and the Middle East by examining the differences in the structures and functions of major political systems, including democratic, communistic, and monarchical types of governance. Transfer Credit: CSU; UC

**POLITICAL SCIENCE C140** 3.0 Units  
**Politics of the Middle East**

An introduction to the principles and problems of government, with particular attention to the American political system at all levels. Emphasis is on the human factor in politics and the realities of government at work. This course satisfies the state college requirement on the Constitution of the United States and California State and local government. Transfer Credit: CSU; UC

## PROCESS TECHNOLOGY

**PROCESS TECHNOLOGY C110** 3.0 Units

**Introduction to Process Technology**

Introduction to Process Technology provides an overview of various process industries (oil and gas, chemical, mining, power generation, pulp and paper, water and waste water treatment, food and beverage, and pharmaceutical), basic chemistry, basic physics, safety, health, environment and security, quality, teams, process drawings, and process equipment. Transfer Credit: CSU

**PROCESS TECHNOLOGY C111** 3.0 Units

**Health, Safety, and Environment**

**Advisory:** PTEC C110

The purpose of this course is to provide an introduction into the field of Safety, Health, and Environment within the process industry. Within this course, students will be introduced to various types of plant hazards, safety and environmental systems, equipment, and regulations under which plants are governed. Transfer Credit: CSU

**PROCESS TECHNOLOGY C112** 1.5 Units

**Quality Management**

The purpose of this course is to provide an introduction to the field of Quality within the process industry. Within this course students will be introduced to many process industry-related quality concepts, including operating consistency, continuous improvement, plant economics, team skills, and statistical process control (SPC). Transfer Credit: CSU

**PROCESS TECHNOLOGY C113** 3.0 Units

**Process Technology I: Equipment**

**Advisory:** PTEC C110

The purpose of this course is to provide an introduction to the field of equipment within the process industry. Within this course, students will be introduced to many process industry-related equipment concepts including purpose, components, operation, and the Process technician's role for operating and troubleshooting the equipment. Transfer Credit: CSU

**PROCESS TECHNOLOGY C114** 3.0 Units

**Process Technology II: Systems**

**Advisory:** PTEC C113

The purpose of this course is to study the interrelation of process equipment and process systems. Students will be able to arrange process equipment into basic systems, describe the purpose and function of specific process systems, explain how factors affecting process systems are controlled under normal conditions, and recognize abnormal process conditions. Transfer Credit: CSU

**PROCESS TECHNOLOGY C115** 3.0 Units

**Process Control III: Operations**

**Advisory:** PTEC C114

The purpose of this course is to provide an introduction to the field of operations within the process industry. Within this course, students will use existing knowledge of equipment, systems, and instrumentation to understand the operation of an entire unit. Students study concepts related to commission, normal startup, normal operations, normal shutdown, turnarounds, and abnormal situations as well as the process technician's role in performing the tasks associated with these concepts within an operating unit. Transfer Credit: CSU

**PROCESS TECHNOLOGY C116** 3.0 Units

**Instrumentation I**

**Advisory:** PTEC C115

The purpose of this course is to study the interrelation of instrumentation used in the petrochemical and refining industries. Students will be able to identify instrumentation loops and explain how industrial processes are controlled by instruments and loops. Transfer Credit: CSU

**PROCESS TECHNOLOGY C117** 3.0 Units

**Instrumentation II**

**Advisory:** PTEC C116

The purpose of this course is to study the advanced instrumentation used in the petrochemical and refining industries. Students will be able to select instrumentation loops and describe industrial processes controls. Transfer Credit: CSU

**PROCESS TECHNOLOGY C281** 1.0 Unit

**Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Process Technology for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Process Technology by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Process Technology. This course may be taken four times. Transfer Credit: CSU

**PROCESS TECHNOLOGY C282** 2.0 Units  
**Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Process Technology for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Process Technology by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Process Technology. This course may be taken four times. Transfer Credit: CSU

**PROCESS TECHNOLOGY C283** 3.0 Units  
**Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Process Technology for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Process Technology by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Process Technology. This course may be taken four times. Transfer Credit: CSU

**PROCESS TECHNOLOGY C284** 4.0 Units  
**Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Process Technology for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Process Technology by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Process Technology. This course may be taken four times. Transfer Credit: CSU

## **PSYCHOLOGY**

**PSYCHOLOGY C100** 3.0 Units  
**Introduction to Psychology**

Fundamentals of human psychology. Using a scientific approach to the study of human behavior, this course examines and integrates physiological, intrapsychic, and social/behavioral perspectives on human thought and behavior. Major units include biological bases of behavior, sensation, perception, motivation, learning and memory, maturation and development, personality, and social psychology. Transfer Credit: CSU; UC

**PSYCHOLOGY C104** 3.0 Units  
**Drama Therapy: For Clinical and Personal Application**

This class serves as an introduction to drama therapy. It will expose students to the theory of drama therapy, its evolution as a profession, its roots in both theater and psychology, as well as providing students experiential learning about its application in both clinical and everyday situations. Transfer Credit: CSU

**PSYCHOLOGY C115** 3.0 Units  
**Child Growth and Development**

Examination of human development from conception through adolescence. Includes the biological, psychological, and socio-cultural aspects of the maturation process. Letter Grade Only. Transfer Credit: CSU

**PSYCHOLOGY C118** 3.0 Units  
**Transitions through the Life Span**

This course offers an engaging look at human development across the life span, paying particular attention to the biological, cognitive, and psychosocial processes that people experience as they adapt to life circumstances. Transfer Credit: CSU; UC

**PSYCHOLOGY C120** 3.0 Units  
**Abnormal Psychology**  
**Prerequisite:** PSYC 1100

An introduction to emotional and mental disorders from a biological, socio-cultural, and psychological approach. The course covers the field's historical approaches and the range of psychological disorders as well as their symptoms, treatment, and the prevention of mental problems. Transfer Credit: CSU; UC

**PSYCHOLOGY C130** 3.0 Units  
**Health Psychology**

Research and theory about the biological, social, and psychological approaches to the study of health and illness. Individual difference variables will be examined. Topics include genes and environment, cancer, cardiovascular disease and diabetes, HIV and AIDS, stress, pain, substance abuse, nutrition, health care settings, and analysis of applications of psychology to preventing, counseling, and treating of major health problems. Transfer Credit: CSU; UC

**PSYCHOLOGY C148** 3.0 Units  
**Principles of Human Sexual Behavior**

An interdisciplinary analysis of the biological, statistical, psychological and emotional aspects of human sexual behavior. Emphasis on sexual patterns, sexual identity, physiological and biological processes, reproduction, and object choice. Transfer Credit: CSU; UC

**PSYCHOLOGY C150** 1.5 Units  
**Infant/Parent Education**

**Advisory:** Parents of infants, expectant parents, and adults making parenting decisions, newborn to infant (not yet walking), attend class with parents.

Parent and infant interactive activities and parent lecture/discussion topics including: bonding, early learning and language development, home and car safety, baby-proofing, teething, selecting child care, common fears, and positive infant guidance. This course may be taken two times. Transfer Credit: CSU

**PSYCHOLOGY C151** 2.0 Units  
**Parent Education: Toddler**  
**Advisory:** Proof of child's age.

Parent and toddler interactive activities and parent lecture/discussion, emphasizing positive guidance techniques, toddler growth and development, sleep, health, nutrition, safety, toileting concerns, and issues for both younger and older toddlers (from walking to 24 months). This course may be taken four times. Transfer Credit: CSU

**PSYCHOLOGY C152** 3.0 Units  
**Parent Education: Two-Year-Old**  
**Advisory:** Proof of child's age.

Parent and child interactive activities and parent lecture/discussion, emphasizing positive guidance techniques, two-year-old growth and development, sleep, health, nutrition, safety, toileting concerns, and issues for two year olds (24 months to 36 months). This course may be taken four times. Transfer Credit: CSU

**PSYCHOLOGY C153** 3.0 Units  
**Parent Education: Preschool**  
**Advisory:** Proof of child's age.

Lecture/discussion/observation activities for parents of preschool aged children 2 years 6 months to 5 years 6 months. Preschoolers attend with parents and participate in music, art, and other preschool activities. Parents study growth and development and positive guidance techniques. Topics include cognitive, physical, social and emotional development, as well as other current topics. This course may be taken four times. Transfers to CSU under E category. Transfer Credit: CSU

**PSYCHOLOGY C154** 1.5 Units  
**Preschool/Parent Education for Working Parents 1**

**Prerequisite:** Minimum age 2 years 6 months, preferably 2 years 9 months.

Evening parent education class for working parents and their preschool children ages 2 years 6 months to 5 years 6 months emphasizing quality, interactive time. Lecture/discussion topics include discipline, nutrition and Day Care Provider. Active participation in music and art activities includes both parent and preschooler. This course may be taken two times. Transfer Credit: CSU

**PSYCHOLOGY C155** 1.5 Units  
**Preschool/Parent Education for Working Parents 2**

**Prerequisite:** Minimum age 2 years 6 months, preferably 2 years 9 months.

Parent education class for working parents and their preschool children aged 2 years 9 months to 5 years 6 months emphasizing quality, interactive time. Lecture/discussion topics include language development, intellectual development and sex topics. Active participation in music and art activities includes both parent and preschooler. This course may be taken two times. Transfer Credit: CSU

**PSYCHOLOGY C156 1.5 Units****Preschool/Parent Education for Spanish-speaking Parents**

Class for Spanish speaking parents and their preschool children ages 2 years 6 months to 5 years 6 months. Lecture and discussion time for parents includes topic of school readiness. Parents and preschoolers participate in music and art activities. Curso para padres de habla hispana y sus hijos en edad pre-escolar (entre dos y medio y cinco y medio años). Symposium y practica para padres. Actividades preparativas en actitudes escolares, artisticas, y musicales para padres e hijos. Bring proof of children's ages. Must be competent in Spanish language. Trae certificado de nacimiento o de bautismo para hijos. Trae almuerzo. This course may be taken four times. Transfer Credit: CSU

**PSYCHOLOGY C158 1.5 Units****Principles and Psychology of Parenting (Birth to 5 years)**

Principles and practice of effective parenting. Includes research and range of applicable viewpoints covering developing parental process from birth to age five. Explores child/parent growth and behavior. Methods of guidance and democratic family life. Adults only. This course may be taken two times. Transfer Credit: CSU

**PSYCHOLOGY C161 1.5 Units****Preschool/Parent Education: Cooking, Concoctions, and other Science Experiences**

Advisory: Proof of preschooler's age.

Lecture / Discussion / Observation. Science activities for parents of preschool age children. Preschoolers attend with parents and participate in cooking and other science activities that are geared for preschoolers. Course will include several class field trips. This course may be taken two times. Transfer Credit: CSU

**PSYCHOLOGY C168 3.0 Units****Peer Counselor Training for Adolescents**

Advisory: Although not a prerequisite, PYSC C100 is recommended.

This course will instruct the student in the skills necessary to become an effective peer counselor. The primary emphasis will be divided between instruction, demonstration, and practice of peer counseling techniques including active listening and problem solving skills. A second emphasis will focus on issues that face today's adolescents such as sexuality, drug use, suicide, stress management, relationship problems, sexual assault, and eating disorders. Transfer Credit: CSU

**PSYCHOLOGY C170 3.0 Units****Psychology of Aging**

Advisory: SOC C120

Investigates the lifespan of adults-career choices and changes, marriage, relationships, family issues, aging parents, and retirement. Explores the potential for longer, healthier lives with opportunities and challenges for retirees and the elderly. Transfer Credit: CSU; UC credit limitations. See counselor.

**PSYCHOLOGY C172 3.0 Units****Counselor Training for Older Adults**

Assists adults in working with other older adults in a supportive capacity to help them deal with problems unique to seniors. Students will become aware of the special social, emotional, physical and economic concerns of the elderly and explore various ways of providing support and counseling. Transfer Credit: CSU

**PSYCHOLOGY C182 0.5 Unit****Personal Motivation and Achievement**

The basic elements of motivation will be discussed. Motivational theories, goal direction, decision-making processes, and self-esteem techniques are covered. Transfer Credit: CSU

**PSYCHOLOGY C250 3.0 Units****Brain and Behavior (Psychobiology)**

Prerequisite: PSYC C100

This course will provide an introduction to how the brain and nervous system influence our thinking and behavior. Students will examine neuroanatomy of the brain, the neuron, the peripheral and central nervous systems, and the endocrine system. Students will study the five major senses, perception, and higher cognitive processes. Students will understand how these nervous system components contribute to basic biological functions (e.g., sleep, wakefulness, and drive states), feelings, memory, movement, language, thinking, and behavioral actions. Transfer Credit: CSU; UC

**PSYCHOLOGY C260 3.0 Units****Social Psychology**

The scientific study of the influence of the group on an individual's mental processes and behavior. Topics include self-perceptions, attitudes and behavior, group influence and persuasion, attraction and relationships, stereotypes, prejudice, discrimination, aggression, belonging, helping, and the application of social psychology to law, health, and business. Transfer Credit: CSU

**PSYCHOLOGY C280 4.0 Units****Introduction to Research Methods in Psychology**

Prerequisite: PSYC C100

Co-requisite: MATH C160

Advisory: ENGL C100

This course introduces to students psychological research methods and critical analysis techniques that may be applied to diverse research studies and issues. Transfer Credit: CSU; UC

**PURCHASING**

(SEE SUPPLY MANAGEMENT)

**QUALITY ASSURANCE****QUALITY ASSURANCE C100 3.0 Units****Overview of Quality Assurance**

An overview of quality control systems, the organizational structure functions, engineering technology, analysis and application in the work environment. Emphasizes the importance of adequate product requirements and the process of evaluation. Transfer Credit: CSU

**REAL ESTATE****REAL ESTATE C100 3.0 Units****Real Estate Principles**

Introductory course to Real Estate. Topics covered include contracts, manner of holding title to real property, escrow, appraisal, marketing, financing, property management, and many other topics. This course is one of the three required for the State Real Estate License exam. Transfer Credit: CSU

**REAL ESTATE C105 3.0 Units****California Mortgage Loan Brokering and Lending**

Advisory: RE C100

Introduces student to Mortgage Brokering operations including office setup, loan processing by computer, lending regulations, types of loans, A to D paper, loan submission, quality control, FICO credit scoring, and loan packaging and shipping. Transfer Credit: CSU

**REAL ESTATE C110 3.0 Units****Real Estate Legal Aspects**

Advisory: RE C100

The legal aspects of real estate law as encountered by brokers and others who deal with real property. Includes escrows, sales contracts, trust deeds, landlord-tenant, liens, probate sales, joint tenancy, and others. Transfer Credit: CSU

**REAL ESTATE C120 3.0 Units****Real Estate Practice**

Introduction to the day-to-day activities performed by a licensed real estate salesperson. Students will examine various methods of prospecting for buyers and sellers, disclosure requirements, types of financing available. This course is one of three required courses for the State Real Estate Salesperson Exam and Broker License. Transfer Credit: CSU

**REAL ESTATE C125 1.5 Units****Real Estate Development Management**

Advisory: RE C100 strongly recommended.

Designed for brokers, salesmen, building designers, and architects to understand development potentials for residential, commercial, or industrial properties as well as constraints in compliance with state and local land use regulations. The emphasis will be on proper planning and determination of development potentials. Transfer Credit: CSU

**REAL ESTATE C130 3.0 Units****Real Estate Appraisal 1**

Advisory: RE C100

Basic principles and methods of appraisal generally used in establishing the market value of real estate, along with the knowledge and skills necessary for application and interpretation of basic entry-level appraisals. Time will be devoted to discussion and reference to the Uniform Standards of Professional Appraisal Practice (USPAP) Transfer Credit: CSU

**REAL ESTATE C135 3.0 Units****Real Estate Appraisal II****Advisory:** RE C130

Basic procedures of appraisal generally used in appraisal development. Basic knowledge and skill necessary for application of basic level appraisals. This course is approved by the State of California to meet the "Procedure" requirements for Module #2 – Procedures. Transfer Credit: CSU

**REAL ESTATE C140 3.0 Units****Real Estate Finance**

Students will learn the sources of funding for real estate loans including terminology, appraisal for real estate, and math for real estate as well as appropriate economic and legal terms. Included are open-end trust deeds, ARM loans, conventional, VA, FHA loans, point's discount, the secondary mortgage market, the Federal Reserve, discount rates, and construction loans. Qualifying the property and borrower will also be discussed. Transfer Credit: CSU

**REAL ESTATE C160 3.0 Units****Real Property Management**

Principles and practices of managing income properties, including types of property management, collections, leases, tenants, and purchases. Elective for Real Estate Broker license requirements. Transfer Credit: CSU

**REAL ESTATE C165 1.5 Units****Computer Skills for Real Estate****Advisory:** RE C100 or permission of instructor

Students will apply computers and software to access information on sales, listings, MLS, financial analysis, financing, presentations and marketing. Transfer Credit: CSU

**REAL ESTATE C281 1.0 Unit****Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Real Estate for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Real Estate by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Real Estate. This course may be taken four times. Transfer Credit: CSU

**REAL ESTATE C282 2.0 Unit****Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Real Estate for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Real Estate by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Real Estate. This course may be taken four times. Transfer Credit: CSU

**REAL ESTATE C283 3.0 Units****Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Real Estate for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Real Estate by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Real Estate. This course may be taken four times. Transfer Credit: CSU

**REAL ESTATE C284 4.0 Units****Work Based Learning**

**Prerequisite:** Be employed or volunteer in a field related to Real Estate for 5 hours per week per 1.0 unit of Work Based Learning.

**Co-requisite:** Be enrolled in a total of 7.0 units including Work Based Learning.

To enhance each Work Based Learning participant's opportunity for success in the field of Real Estate by bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Real Estate. This course may be taken four times. Transfer Credit: CSU

**REAL ESTATE C352 3.0 Units****Real Estate Loan Processing****Advisory:** RE C100

This course will prepare students for entry-level positions as Real Estate Loan Processors. The content will include conventional and government loan processing, and the completion of required documentation following established industry standards. Course includes computer training in Calyx Point and other software. Transfer Credit: CSU

**REAL ESTATE C356 3.0 Units****Real Estate Loan Underwriting****Advisory:** RE C140 and C352

This course will prepare the student with prior Real Estate Loan Processing experience for a junior Real Estate Loan Underwriter position. Course content will include conventional, DU on-line, and government loan underwriting. Transfer Credit: CSU

**SOCIOLOGY****SOCIOLOGY C100 3.0 Units****Introduction to Sociology**

An introduction to the scientific study of human society and social behavior, including the analysis of social interrelationships and human group organizations, culture, social differentiation, and social institutions. Transfer Credit: CSU; UC

**SOCIOLOGY C110 3.0 Units****Introduction to Marriage and Family**

A study of the family as a social institution. Examines the process of family development including dating, courtship, engagement, mate selection, marriage, parenthood, and divorce. Crises and challenges facing families today will be examined from a sociological perspective. Transfer Credit: CSU

**SOCIOLOGY C120 3.0 Units****Introduction to Gerontology**

A multidisciplinary overview of the biological, psychological and sociological aspects of the aging process. Transfer Credit: CSU; UC credit limitations. See Counselor.

**SOCIOLOGY C130 3.0 Units****Globalization and Social Change**

This course evaluates the social, cultural, economic, political, and environmental changes brought about by globalization. The course will deal with issues such as outsourcing, immigration, economic development, and terrorism. The arguments and theories for and against globalization will be studied in depth and supplemented with empirical examples. Students will learn to understand how globalization is impacting their country, community, and ultimately themselves. Transfer Credit: CSU

**SPANISH****SPANISH C055 1.0 Unit****Spanish for Medical Practitioners 1**

A beginning conversation course emphasizing the terminology needed in medical situations. Designed to help health professionals and employees of health care facilities serving Spanish speaking residents communicate with them in their native language. (NOT APPLICABLE TO A.A. DEGREE)

**SPANISH C056 1.0 Unit****Spanish for Medical Practitioners 2****Prerequisite:** SPAN C055

A second-level conversation course emphasizing the terminology needed in medical situations. Designed to help health professionals and employees of health care facilities serving Spanish speaking patients communicate with them in their native language. (NOT APPLICABLE TO A.A. DEGREE)

**SPANISH C057 1.0 Unit****Workplace Spanish**

A beginning Spanish conversation course designed for professionals who in the course of their daily work deal with persons whose primary language is Spanish. (NOT APPLICABLE TO A.A. DEGREE)

**SPANISH C060 2.0 Units****Beginning Practical Spanish**

Introduces the student to the fundamental skills of spoken Spanish. Students will learn correct pronunciation, basic structural patterns, and necessary vocabulary in order to carry on a simple conversation. (NOT APPLICABLE TO A.A. DEGREE)

**SPANISH C061 3.0 Units****Continuing Practical Spanish**

Continuing course in the fundamental skills of spoken Spanish. Students will refine correct pronunciation, basic structural patterns, and will acquire the vocabulary necessary to carry on simple conversations in Spanish. (NOT APPLICABLE TO A.A. DEGREE)

**SPANISH C176** **1.0 Unit**  
**Beginning Conversational Spanish 1****Prerequisite:** SPAN C180 or SPAN C180B

Basic communication skills with emphasis on oral communication and pronunciation. This course is designed to develop the student's ability to communicate fluently, idiomatically, and correctly in Spanish. Conversational material is selected from magazines, the internet, and selected texts. Grammar is taught only as it will facilitate conversation. Transfer Credit: CSU. See counselor.

**SPANISH C177** **1.0 Unit**  
**Beginning Conversational Spanish 2****Prerequisite:** SPAN C180 or SPAN C180B

Students will continue to develop basic oral skills speaking in Spanish during guided conversations with other classmates. This course is designed to develop the student's ability to communicate fluently, idiomatically, and correctly in Spanish. Conversational material is selected from magazines, the internet, and selected texts. Grammar is taught only as it will facilitate conversation. Transfer Credit: CSU. See counselor.

**SPANISH C178** **1.0 Unit**  
**Intermediate Conversational Spanish 1****Prerequisite:** SPAN C180 or SPAN C180B

Students will continue to develop basic oral skills by speaking in Spanish during guided conversations with other classmates and the instructor. This course is designed to develop the student's ability to communicate fluently, idiomatically, and correctly in Spanish. Conversational material is selected from magazines, the internet, and selected texts. Grammar is taught only as it will facilitate conversation. Transfer Credit: CSU. See counselor.

**SPANISH C179** **1.0 Unit**  
**Intermediate Conversational Spanish 2****Prerequisite:** SPAN C180 or SPAN C180B

Students will continue to develop basic oral skills by speaking in Spanish during guided conversations with other classmates and the instructor. This course is designed to develop the student's ability to communicate fluently, idiomatically, and correctly in Spanish. Conversational material is selected from magazines, the internet, and selected texts. Grammar is taught only as it will facilitate conversation. Transfer Credit: CSU. See counselor.

**SPANISH C180** **5.0 Units**  
**Elementary Spanish****Advisory:** Students who have completed two years of high school Spanish with a grade of "C" or better should enroll in SPAN C185 or C185A.

This course is designed to develop the student's fundamental ability to both comprehend and converse in daily spoken Spanish. Early reading and writing skills are introduced as well as the customs and culture of the Spanish-speaking world. Transfer Credit: CSU; UC credit limitations. See counselor.

**SPANISH C180A** **2.5 Units**  
**Elementary Spanish 1A****Advisory:** Students who have completed two years of high school Spanish with a grade of "C" or better should enroll in SPAN C185.

This course is designed to develop the student's fundamental ability to both comprehend and converse in daily spoken Spanish. Early reading and writing skills are introduced as well as customs and cultures of the Spanish-speaking world. SPAN C180A is equal to the first half of SPAN C180. SPAN C180A and C180B are equivalent to SPAN C180. Transfer Credit: CSU; UC credit limitations. See counselor.

**SPANISH C180B** **2.5 Units**  
**Elementary Spanish 1B****Prerequisite:** SPAN C180A

This course reviews and expands the student's ability to comprehend and converse in daily spoken Spanish. There is increased emphasis on reading and writing. An introduction to Hispanic culture is continued. SPAN C180B is equal to the second half of SPAN C180. Transfer Credit: CSU; UC credit limitations. See counselor.

**SPANISH C183** **1.0 Unit**  
**Review of Elementary Spanish****Prerequisite:** SPAN C180, C180A, and C180B**Advisory:** Students who have completed two years of high school Spanish with a grade of "C" or better should enroll in SPAN C185.

This course is designed to improve the student's fundamental ability to both comprehend and communicate through writing in basic Spanish. A review of vocabulary and grammar will be provided through interactive lessons. Videos in Spanish will be included to continue development of listening and reading comprehension skills. Transfer Credit: CSU; UC

**SPANISH C184** **2.0 Units**  
**The Hispanic World****Advisory:** SPAN C180, or C180A and C180B

Group participation to develop skills in using Spanish through listening, reading, writing, and speaking. Study and discussion of topics and issues of current interest in the Hispanic world and the cultures of Spain, Latin America, and the United States. Transfer Credit: CSU

**SPANISH C185** **5.0 Units**  
**Elementary Spanish 2****Prerequisite:** SPAN C180, C180B, or completion of two years of high school Spanish with a grade of "C" or better.

This course is a continuation of SPAN C180 or C180B and is designed to further the student's ability to comprehend and converse in daily spoken Spanish at the second semester level. Reading and writing skills are expanded. Introduction to various cultural and philosophical aspects of the Spanish-speaking world will continue with authentic reading materials and selected literary works. Spanish 185A and 185B are equivalent to Spanish 185. Transfer Credit: CSU; UC credit limitations. See counselor.

**SPANISH C185A** **2.5 Units**  
**Elementary Spanish 2A****Prerequisite:** SPAN C180, C180B, or completion of two years of high school Spanish with a grade of "C" or better.

This course is a continuation of SPAN C180 or C180B and is designed to further the student's ability to comprehend and converse in daily spoken Spanish at the second semester level. Reading and writing skills are expanded. Introduction to various cultural and philosophical aspects of the Spanish-speaking world will continue with selected reading materials and discussion. Spanish 185A and 185B are equivalent to Spanish 185. Transfer Credit: CSU; UC credit limitations. See counselor.

**SPANISH C185B** **2.5 Units**  
**Elementary Spanish 2B****Prerequisite:** SPAN C185A

This course is a continuation of SPAN C185A and is designed to further the student's ability to comprehend and converse in daily spoken Spanish at the second semester level. Reading and writing skills are expanded. Introduction to various cultural and philosophical aspects of the Spanish-speaking world will continue with authentic reading materials and selected literary works. SPAN C185B is equal to the second half of SPAN C185. SPAN C185A and C185B are equivalent to SPAN C185. Transfer Credit: CSU; UC credit limitations. See counselor.

**SPANISH C186** **1.0 Unit**  
**Spanish Topics****Advisory:** SPAN C185, C185A and C185B

An intermediate conversational Spanish course using selected readings and activities as vehicles for discussion. Students will be encouraged to enlarge their vocabulary and ability to speak and write in a spontaneous manner, using various verb tenses. Transfer Credit: CSU

**SPANISH C260** **5.0 Units**  
**Spanish for Spanish Speakers 1**

SPAN C260 is designed to address the particular linguistic needs of the Spanish-English population who speaks the Spanish language but needs formal instruction in the language. Emphasis is placed on improving the Spanish communications skills of formal oral expression, grammar, reading and composition. The course explores the Hispanic culture through an introduction to Hispanic readings, plays, music and film. The course is conducted primarily in Spanish. Transfer Credit: CSU; UC

**SPANISH C260A** **2.5 Units**  
**Spanish for Spanish Speakers 1A**

SPAN C260A is the first part of SPAN C260. It is designed to enrich the communication skills of the Spanish-English bilingual student. The course focuses instruction on improving the communication skills in formal and familiar ways of speaking, reading, grammar, spelling, vocabulary building, and composition. The course explores Hispanic culture through readings, plays, and film. Transfer Credit: CSU; UC

**SPANISH C260B 2.5 Units****Spanish for Spanish Speakers 1B****Prerequisite:** SPAN C260A

SPAN C260B is the second part of SPAN C260. It reviews and expands the communication skills of Spanish-English bilingual students. The course focuses instruction on improving the communication skills in formal and familiar ways of speaking, reading, grammar, spelling, vocabulary building, and composition. The course explores Hispanic culture through readings, plays, and film. The course is conducted mainly in Spanish. Transfer Credit: CSU; UC

**SPANISH C265 5.0 Units****Spanish for Spanish Speakers 2****Prerequisite:** SPAN C260 or C260B

SPAN C265 is the continuation of SPAN C260. It is designed to advance the communication skills of Spanish-English bilingual students who are native or near native speakers of Spanish. The course focuses instruction on improving the communication skills in formal speaking, reading, grammar, spelling, vocabulary building, and composition. The course explores Hispanic culture through literature, plays, music, and film. This course is conducted mainly in Spanish. Transfer Credit: CSU; UC credit limitations. See counselor.

**SPANISH C265A 2.5 Units****Spanish for Spanish Speakers 2A****Prerequisite:** SPAN C260 or C260B

SPAN C265A is equal to the first half of SPAN C265. It is designed to advance the communication skills of formal and familiar ways of speaking, reading, grammar, spelling, vocabulary building, and composition of Spanish-English bilingual students who are native or near native speakers of Spanish. The course explores Hispanic culture through literature, plays, music, and film. This course is conducted mainly in Spanish. Transfer Credit: CSU; UC credit limitations. See counselor.

**SPANISH C265B 2.5 Units****Spanish for Spanish Speakers 2B****Prerequisite:** SPAN C265A

SPAN C265B is the continuation of SPAN C265A. It is designed to advance the communication skills of formal and familiar ways of speaking, reading, grammar, spelling, vocabulary building, and composition of Spanish-English bilingual students who are native or near native speakers of Spanish. The course explores Hispanic culture through literature, plays, music, and film. This course is conducted mainly in Spanish. Transfer Credit: CSU; UC credit limitations. See counselor.

**SPANISH C280 4.0 Units****Intermediate Spanish 1****Prerequisite:** SPAN C185 or C185B

This course is a continuation of SPAN C185 or C185B and is designed to further develop the student's ability to comprehend and converse in daily spoken Spanish at the third semester level. Reading and writing skills are increasingly stressed. The cultural notes, authentic reading materials, literary selections and grammar component present new concepts to expand vocabulary, and communicative competency. The cultural and philosophical aspects of the Spanish-speaking world continue to be discussed. Transfer Credit: CSU; UC credit limitations. See counselor.

**SPANISH C280A 2.0 Units****Intermediate Spanish 1A****Prerequisite:** SPAN C185 or C185B

This course is a continuation of SPAN C185 or C185B and is designed to further develop the student's ability to comprehend and converse in daily spoken Spanish at the third-semester level. Reading and writing skills are increasingly stressed. The cultural notes, authentic reading materials, literary selections and grammar component present new concepts to expand vocabulary and communicative competency. The cultural and philosophical aspects of the Spanish-speaking world continue to be discussed. SPAN C280A is equal to the first half of SPAN C280. SPAN C280A and C280B are equivalent to SPAN C280. Transfer Credit: CSU; UC credit limitations. See counselor.

**SPANISH C280B 2.0 Units****Intermediate Spanish 1B****Prerequisite:** SPAN C280A

This course is a continuation of SPAN C280A and is designed to further develop the student's ability to comprehend and converse in daily spoken Spanish at the third semester level. Reading and writing skills are increasingly stressed. The cultural notes, authentic reading materials, literary selections and grammar component present new concepts to expand vocabulary and communicative competency. The cultural and philosophical aspects of the Spanish-speaking world continue to be discussed. SPAN C280B is equal to the second half of SPAN C280. SPAN C280A and C280B are equivalent to SPAN C280. Transfer Credit: CSU; UC credit limitations. See counselor.

**SPANISH C285 4.0 Units****Intermediate Spanish 2****Prerequisite:** SPAN C280 or C280B

Continuation of SPAN C280 designed to further develop student's ability to comprehend, converse, read, and write in Spanish at an advanced intermediate level. Transfer Credit: CSU; UC credit limitations. See counselor.

**SPANISH C285A 2.0 Units****Intermediate Spanish 2A****Prerequisite:** SPAN C280 or C280B

Continuation of SPAN C280 or C280B. Designed to further develop student's ability to comprehend, converse, read and write in Spanish at the fourth-semester level. Discussion of literature and culture through selected readings. Transfer Credit: CSU credit limitations; UC credit limitations. See counselor.

**SPANISH C285B 2.0 Units****Intermediate Spanish 2B****Prerequisite:** SPAN C285A

Continuation of SPAN C285A. Designed to further develop student's ability to comprehend, converse, read and write in Spanish at the fourth-semester level. Discussion of literature and culture through selected readings. Transfer Credit: CSU credit limitations; UC credit limitations. See counselor.

**SPECIAL EDUCATION****SPECIAL EDUCATION C007 1.5 Units****Post-Concussion Cognitive Retraining****Prerequisite:** Acceptance into ABI Program and completion of SPED C470.**Advisory:** Individual should be currently employed or attending school full-time.

Cognitive retraining designed for individuals who have sustained a mild brain injury at or after age 13. Course work includes emphasis on fundamental cognitive skills, critical thinking skills, memory compensation techniques, and psychosocial and transition issues. This course may be taken five times. (NOT APPLICABLE TO A.A. DEGREE)

**SPECIAL EDUCATION C055 3.0 Units****Cognitive Retraining for Acquired Brain Injury Survivors****Prerequisite:** Acceptance into ABI program and completion of SPED C470.

Cognitive retraining designed for individuals with acquired brain injury sustained at or after age 13. Course work includes emphasis on fundamental cognitive skills, critical thinking skills, memory compensation techniques, attention, and psychosocial and transition issues. This course may be taken fifteen times. (NOT APPLICABLE TO A.A. DEGREE)

**SPECIAL EDUCATION C057 2.0 Units****Cognitive Retraining for Acquired Brain Injury Survivors****Prerequisite:** Acceptance into ABI program and completion of SPED C050.

Cognitive retraining designed for individuals with acquired brain injury sustained at or after age 13. Course work includes emphasis on fundamental cognitive skills, critical thinking skills, memory compensation techniques, and psychosocial and transition issues. This course may be taken three times. (NOT APPLICABLE TO A.A. DEGREE)

**SPECIAL EDUCATION C300 2.0 Units**  
**Strategies for Using PDAs after Brain Injury**

Survivors of brain injury and individuals who work with survivors will learn how to use a PDA (Personal Digital Assistant) to help with memory compensation, organization, and time management after a brain injury.

**SPECIAL EDUCATION C301 3.0 Units**  
**Cognitive Strategy Building**

This course is designed to help survivors of brain injury and their caretakers learn to build and apply cognitive strategies to help with adjustment to life after brain injury. Transfer Credit: CSU

**SPECIAL EDUCATION C302 3.0 Units**  
**A Guide to Brain Injury**

This course is designed to help family members of brain injured adults deal with the cognitive, physical and social changes that can be associated with life after brain injury. Transfer Credit: CSU

**SPECIAL EDUCATION C303 3.0 Units**  
**Community Re-Integration**

This course is designed to help survivors of brain injury and their caretakers learn about how to re-enter the community. Transfer Credit: CSU

**SPECIAL EDUCATION C403 0.0 Unit**  
**Oral Communication I - Beginning Communication Skills**

Designed to assist students with developmental disabilities in acquiring and improving basic receptive and expressive language skills. Students will develop listening skills and will learn to express their needs and thoughts. Emphasis of the course will be on the functional application of communication skills in everyday life situations. This course may be taken four times.

**SPECIAL EDUCATION C404 0.0 Unit**  
**Oral Communication II - Conversational Language**

Designed to assist students with developmental delays in acquiring and improving receptive and expressive language skills. Students will develop communication skills and will learn to express their needs and thoughts. Emphasis of the course will be on the functional application of communication skills in everyday life situations. This course may be taken four times.

**SPECIAL EDUCATION C406 0.0 Unit**  
**Manual Communication**

Basic sign language for non-verbal and hearing-impaired developmentally delayed learners to acquire the ability to communicate with others. Emphasis on understanding and utilizing signs related to everyday living. Students enrolled in the course receive an individualized Student Educational Contract where course objectives and student learning outcomes are evaluated according to whether or not they are targeted, satisfied, not satisfied, deferred, or not applicable. This course may be taken four times.

**SPECIAL EDUCATION C407 0.0 Unit**  
**Beginning Reading**

Designed to assist students with developmental delays to acquire beginning reading skills. Emphasis of the course will be on pre-reading skills, knowledge of the alphabet, phonetic pronunciation, and sight word vocabulary. This course may be taken four times.

**SPECIAL EDUCATION C408 0.0 Unit**  
**Reading and Writing Development**

Designed to assist students with developmental delays in acquiring basic reading and writing skills or improving their present skills. Emphasis of the course will be on reading, comprehension, communication, and the functional application of those skills in everyday situations. This course may be taken four times.

**SPECIAL EDUCATION C409 0.0 Unit**  
**Applied Academics**

Designed to assist students with developmental delays in acquiring basic academic skills or improving their present skills. Emphasis of the course will be on mathematics, reading, and writing skills and the functional application of those skills in everyday life situations. Students will identify their personal academic goals, and Student Educational Contracts will be developed for students based on their goals and ability level. This course may be taken four times.

**SPECIAL EDUCATION C410 0.0 Unit**  
**Critical Thinking**

Designed to assist students with disabilities in acquiring or improving critical thinking skills necessary to function independently in a variety of activities, situations and environments. Emphasis on problem-solving and decision-making through understanding and evaluating situations, utilizing knowledge of cause and effect relationships, exploring options, and planning and implementing strategies. This course may be taken four times.

**SPECIAL EDUCATION C412 0.0 Unit**  
**Mathematical Concepts**

Designed to assist students with developmental delays in acquiring and applying the following number, money, time, and measurement concepts. Students and teacher will identify the student's personal academic goals, and Student Educational Plans will be developed for students based on their goals and ability level. This course may be taken four times.

**SPECIAL EDUCATION C413 0.0 Unit**  
**Functional Math**

Designed to assist students with developmental delays in acquiring and applying basic math skills in everyday life situations. Emphasis will be on using basic math operations, using money, and telling time. This course may be taken four times.

**SPECIAL EDUCATION C420 0.0 Unit**  
**Survey of Arts/Activities**

An exploratory course designed for, but not limited to, students with developmental delays utilizing a variety of activities to develop knowledge and skills related to arts, crafts and collections. The course relates to arts and activities such as collecting, playing table games, and doing other activities. Students enrolled in the course receive an individualized educational contract where course objectives are evaluated according to whether or not the objectives/student outcomes are targeted, satisfied, not satisfied, deferred, or not applicable. This course may be taken four times.

**SPECIAL EDUCATION C421 0.0 Unit**  
**Orientation to Art**

Introduction to a variety of creative art forms such as decoupage, needlework, painting, drawing, weaving, woodworking, and ceramics for adults with developmental delays. Emphasis on use of tools and materials necessary to render finished artwork. Skills will be assessed to determine placement in more advanced art classes. Students enrolled in the course receive an individualized student educational contract where course objectives are evaluated according to whether or not the objectives/student outcomes are targeted, satisfied, not satisfied, deferred, or not applicable. This course may be taken four times.

**SPECIAL EDUCATION C422 0.0 Unit**  
**Art**

Art class for adults with developmental disabilities. Focus is on the development of skills related to specific art processes, e.g., fiber arts, painting/drawing, mixed media, and three-dimensional art forms and processes. Participants will be expected to utilize skills to produce one or more art projects in a chosen medium. Students receive an individualized student educational contract where course objectives are evaluated according to whether or not the objectives/student outcomes are targeted, satisfied, not satisfied, deferred, or not applicable. This course may be taken four times.

**SPECIAL EDUCATION C423 0.0 Unit**  
**Orientation to Music**

Introduction to vocal and instrumental music, including individual and group singing and knowledge and use of a variety of musical instruments. Skills will be assessed to determine placement in more advanced music classes. This course may be taken four times.

**SPECIAL EDUCATION C424 0.0 Unit**  
**Beginning Instrumental Music**

Introduction to instrumental music for students with developmental delays. Course concentrates on the utilization of a variety of melodic and percussive instruments, with an emphasis on using improvisation techniques to facilitate individual development. Students enrolled in the course receive an individualized educational contract where course objectives are evaluated according to whether or not the objectives/student outcomes are targeted, satisfied, not satisfied, deferred, or not applicable. This course may be taken four times.

**SPECIAL EDUCATION C425 0.0 Unit****Advanced Instrumental Music**

Advanced instrumental music for students with developmental delays. Focus is on the development of music skills for performing simple instrumental arrangements in a group format. Students enrolled in the course receive an individualized educational contract where course objectives are evaluated according to whether or not the objectives/student outcomes are targeted, satisfied, not satisfied, deferred, or not applicable. This course may be taken four times.

**SPECIAL EDUCATION C426 0.0 Unit**  
**Vocal Music**

Designed for students with developmental delays in acquiring skills to participate in individual and or small to large choral singing, utilizing unison and two and/or three part music as well as emphasizing voice production, tone, dictation, breath control, and posture. This course may be taken four times.

**SPECIAL EDUCATION C430 0.0 Unit**  
**Adult Fitness for Seniors**

**Co-requisite: Limitations may be temporary or permanent. A signed Coastline College Doctor's Disability Verification will be requested from the student's physician.**

Course designed for older adults with physical limitations to increase cardiovascular health and muscular strength, improve posture, enhance range of motion and increase breath control. Focus is on functional motor control, coordination, strength, and flexibility. Special attention is given to activity programs that meet the interest and individual functional abilities of students who may not safely or successfully engage in the activities of a regular Physical Education program. This course may be taken fifteen times.

**SPECIAL EDUCATION C431 0.0 Unit**  
**Balance and Mobility for Seniors**

**Co-requisite: Limitations may be temporary or permanent. A signed Coastline College Doctor's Disability Verification will be requested from the student's physician.**

Group exercise class for older adults to reduce the risk of falls by using a multidimensional approach to maintain/improve balance and mobility. This course may be taken fifteen times.

**SPECIAL EDUCATION C432 0.0 Unit**  
**Adapted Fitness for Seniors**

**Co-requisite: Limitations may be temporary or permanent. A signed Coastline College Doctor's Disability Verification will be requested from the student's physician.**

A course designed to meet the health related fitness needs of disabled seniors who require individualized approaches to curriculum and adapted methodologies pursuant to each student's unique needs affording goal achievement. Activities are designed and implemented to achieve improved levels in all categories of fitness: muscle strength, muscle endurance, cardio-respiratory and cardiovascular functions, anaerobic efficiency, general flexibility, and range of motion. All levels of body management, mobility/agility, and ambulation/locomotion are included. This course may be taken fifteen times.

**SPECIAL EDUCATION C433 0.0 Unit****Seated Adapted Fitness for Seniors**

**Co-requisite: Limitations may be temporary or permanent. A signed Coastline College Doctor's Disability Verification will be requested from the student's physician.**

A course designed to meet the health related fitness needs of disabled seniors who are severely limited in their ability to perform fitness activities while standing and who require adapted curriculum and methodologies pursuant to being disabled. Activities are designed and implemented to achieve improved levels in all categories of fitness: muscle strength, muscle endurance, cardio-respiratory and cardiovascular functions, respiratory volumes, general flexibility, and range of motion. Progressions to improve body management techniques, mobility/agility, and ambulation/locomotion are included. This course may be taken fifteen times.

**SPECIAL EDUCATION C435 0.0 Unit**  
**Rhythmic Movement**

An aerobic class for special education students. Focus on utilizing movement combined with a variety of musical rhythms to facilitate and strengthen the development of coordination, mobility, spatial orientation, socialization skills, body awareness, and flexibility. Students enrolled in the course receive an individualized educational contract where course objectives and student learning outcomes are evaluated according to whether or not they are targeted, satisfied, not satisfied, deferred, or not applicable. This course may be taken four times.

**SPECIAL EDUCATION C436 0.0 Unit**  
**Adult Fitness**

A fitness class designed for students with developmental delays. This course is designed to utilize calisthenics, jogging, exercise, race walking, and weight training to increase muscular strength and endurance, to improve posture and mobility, and to increase breath control. Exercises are tailored to the abilities of the students. Students enrolled in the course receive an individualized educational contract where course objectives are evaluated according to whether or not the objectives/student outcomes are targeted, satisfied, not satisfied, deferred, or not applicable. This course may be taken four times.

**SPECIAL EDUCATION C437 0.0 Unit**  
**Aerobics**

A fitness class for adults with developmental delays. Course designed to combine dance, stretching, movement with a variety of musical rhythms in order to increase fitness, flexibility, endurance, and coordination. Students enrolled in the course receive an individualized educational contract where course objectives are evaluated according to whether or not the objectives/student outcomes are targeted, satisfied, not satisfied, deferred, or not applicable. This course may be taken four times.

**SPECIAL EDUCATION C438 0.0 Unit****Adaptive Physical Education 1**

A basic motor skills program designed for students with developmental delays. Course focuses on the development of coordination, balance, conditioning, spatial orientation, and socialization skills utilizing sequential motor exercises and elements of structured sports activities. Students enrolled in the course receive an individualized educational contract where course objectives are evaluated according to whether or not the objectives/student outcomes are targeted, satisfied, not satisfied, deferred, or not applicable. This course may be taken four times.

**SPECIAL EDUCATION C450 0.0 Unit**  
**Customs, Cultures, and Holidays**

Designed to provide the student with developmental delays an understanding of the customs and cultures of various nationalities, ethnic, and religious groups; course will utilize holidays as a focal point for exploring customs, art, music, food, and special traditions. This course may be taken four times.

**SPECIAL EDUCATION C451 0.0 Unit**  
**Personal and Social Development**

Course designed to assist students with developmental delays in acquiring skills necessary to establish and maintain productive interpersonal relationships. Includes social interaction as well as basic etiquette and manners related to home, community, and vocational settings. Students enrolled in the course receive an individualized educational contract where course objectives and student learning outcomes are evaluated according to whether or not they are targeted, satisfied, not satisfied, deferred, or not applicable. This course may be taken four times.

**SPECIAL EDUCATION C452 0.0 Unit**  
**Health Concepts**

Designed to provide developmentally disabled learners with information regarding general health related concepts. Emphasis of the course will be on developing self esteem and confidence in dealing with others as well as making informed choices regarding human relationships. The course will include a review of basic body structure and function, human sexuality, and reproduction, development and maintenance of good emotional habits and relationships, and how to maintain good physical health through exercise, diet, and self care. This course may be taken four times.

**SPECIAL EDUCATION C453 0.0 Unit**  
**Home Economics I - Food Preparation**

Designed to assist the student with developmental delays to achieve greater independence within the home. This course emphasizes practical skills related to healthy and nutritious food preparation, including menu planning, using kitchen hygiene and safety, cooking, serving, and storing food properly. This course may be taken four times.

**SPECIAL EDUCATION C454 0.0 Unit**  
**Home Economics II - Home Maintenance**

Designed to assist students with disabilities in independently caring for his/her home. This course emphasizes housekeeping skills (including cleaning and laundry skills), home repairs, safety, and home decorating. This course may be taken four times.

**SPECIAL EDUCATION C455 0.0 Unit  
Mobility Training**

Designed to teach students with developmental disabilities to travel within their communities with minimal dependence upon others. Simulated experiences in the classroom will be combined with training in the neighborhood and community at large. Class size will be limited, and all students will be tested for class readiness prior to enrollment. This course may be taken four times.

**SPECIAL EDUCATION C456 0.0 Unit  
Community Resources**

This course is designed to provide the student with developmental disabilities with skills necessary to function safely and independently within the community. The class will focus on utilizing free and low cost community resources for entertainment and knowledge. The student may also gain knowledge of community services, including fire, police, library, and other social services. This course may be taken four times.

**SPECIAL EDUCATION C457 0.0 Unit  
Consumer Skills**

Designed to provide students with disabilities with skills necessary to function independently as a consumer; course emphasizes consumer skills related to shopping, budgeting, and banking. This course may be taken four times.

**SPECIAL EDUCATION C460 0.0 Unit  
Vocational Exploration**

Designed to assess behavioral and vocational ability levels; this course will evaluate the student's readiness for vocational training. Simulated vocational activities will be used to assess the individual's potential for benefiting from vocational instruction. Course may only be repeated with administrative approval.

**SPECIAL EDUCATION C461 0.0 Unit  
Vocational Preparation and Readiness  
Advisory: SPED C460**

Designed to prepare persons for work assignments and/or competitive employment, this course will emphasize development of social and vocational skills necessary for success in a job setting. Attention to task, task completion, self evaluation of work, tool use, and acquisition of new skills will be included. Job specific training will be provided for students preparing to enter pre-identified work placement.

**SPECIAL EDUCATION C462 0.0 Unit  
Career Development**

**Prerequisite: Concurrent employment, volunteer service, or training within the college or community for a minimum of for 5 hours per week.**

Provides supervised career exploration opportunities and the specialized counseling and guidance support necessary to enhance the student's opportunity for on-the-job success by bridging the gap between educational theory and on-the-job practices. Emphasis on individualized performance objectives relative to the student's special needs and occupational or career goals. This course can be taken ninety-nine times.

**SPECIAL EDUCATION C463 0.0 Unit  
Introduction to Career Planning  
Advisory: Verification of disability.**

Introduction to career planning for individuals with disabilities. Includes evaluation of interests, skills and abilities as they relate to career areas, and how to determine transferable skills. Emphasis will be placed on how to explore career options and develop goal setting strategies to begin making a career plan. This course may be taken ten times.

**SPECIAL EDUCATION C464 0.0 Unit  
Identify Career Options**

**Advisory: Verification of disability.**  
Career planning for persons with disabilities. Emphasis will include investigation of various career areas and assessment of student interests, values, and strengths in relationship to career options. Students will be guided in self assessment of skills and abilities and how to utilize effective decision making strategies in career planning. Community training options will be explored. This course may be taken ten times.

**SPECIAL EDUCATION C465 0.0 Unit  
Job Search Strategies and Skills**

**Advisory: Verification of disability.**  
Designed to teach persons with disabilities effective job search strategies. Students will learn how to develop job leads, prepare applications and resumes, contact employers, and prepare for interviews and how to follow up. Emphasis will be placed on turning "disability" into "ability" in the minds of prospective employers. This course may be taken ten times.

**SPECIAL EDUCATION C470 0.0 Unit  
ABI Program Pre-Admission Evaluation**

**Advisory: Referral by Acquired Brain Injury program admission committee.**

Designed for adults who have acquired brain injuries and who have been referred by Coastline's ABI Program Admissions Committee for evaluation of cognitive and psychosocial skills for consideration for admission to the ABI Program. This course may be taken two times.

**SPECIAL EDUCATION C475 0.0 Unit  
ABI Cognitive Refresher Course**

**Prerequisite: Graduation from Coastline's Acquired Brain Injury program.**

This is a refresher course in cognitive skills and compensation strategies as related to job school, and home settings. The course will also teach students to self-assess job and school performance and to develop and implement plans for improving performance. This course may be taken five times.

**SPECIAL EDUCATION C480 0.0 Unit  
Introduction to Computers**

An individualized course designed to introduce adults with developmental delays to computer instruction. Computer Education topics will include basic equipment operation, keyboard knowledge, and basic word processing (WP) commands. This course may be taken four times.

**SPECIAL EDUCATION C481 0.0 Unit  
Introduction to Desktop Publishing  
Advisory: SPED C480**

An individualized course designed to introduce adults with developmental delays to the use of desktop publishing in the classroom. Students will learn to express thoughts in text and graphic forms using basic word processing and desktop publishing software. This course may be taken four times.

**SPECIAL EDUCATION C482 0.0 Unit  
Introduction to the Internet**

A slow paced introduction to the Internet primarily designed for but not limited to students with developmental disabilities. Will familiarize students with terms, protocol, and hazards of Internet, WWW, search engines, and e-mail. Will help students find resources in the community. This course may be taken four times.

**SPEECH****SPEECH C100 3.0 Units  
Interpersonal Communication**

Language use and effective interpersonal communication, both verbal and non verbal. Recommended for students wanting to understand and improve their communication skills in interpersonal relationships. Content areas include: conversation, listening, perception, non verbal communication, language, self concept, and self disclosure. Transfer Credit: CSU

**SPEECH C101 3.0 Units  
Human Communication**

This course is an introduction to the fundamentals and principles which underlie effective speech communication. Practical experience, emphasizing content, organization and delivery, will be required in at least three speaking situations, specifically including persuasive and informative speaking. Particular emphasis will be on Milton Rokeach's value theory (1968) as an explanation for the relationship between self-concept and behavior. Transfer Credit: CSU; UC

**SPEECH C110 3.0 Units  
Public Speaking**

Principles of public speaking, including planning, preparation and delivery of an effective oral presentation. Consideration of and practice in problem solving, information, persuasion and communication techniques. Emphasis on developing self confidence and skill in communicating to and with groups. Transfer Credit: CSU; UC

**SPEECH C200 3.0 Unit  
Public Communications**

This course focuses on the preparation, presentation, and delivery of informative and persuasive public speeches. Particular emphasis is on organizing and outlining, reasoning and arguing, and analyzing audiences and adapting to different audiences. Transfer Credit: CSU

## SUPPLY MANAGEMENT

### SUPPLY MANAGEMENT C101 3.0 Units Principles of Supply Chain Management

Principles of Supply Chain Management encompass purchasing, operations, and explain logistics activities and explain how these aspects of supply chain activity are accomplished effectively and efficiently. The course follows a natural flow through the supply chain, demonstrating the practical applications of supply chain management in the workplace. Transfer Credit: CSU

### SUPPLY MANAGEMENT C102 3.0 Units Supply Chain Operations

Supply Chain Operations provide a strong foundation and solid understanding of key supply chain processes. Topic highlights include supply chain strategy development; process evaluation and design; and planning, control, and scheduling with a focus on value-added approaches to link suppliers, the organizations, and customers. Strategic and operational issues are covered with an emphasis on tools and techniques. Transfer Credit: CSU

### SUPPLY MANAGEMENT C104 3.0 Units Purchasing and Procurement

Purchasing and Procurement provides contextual insight and knowledge into the strategies, processes, and practices of purchasing. Topics include supplier integration, evaluation, cost analysis, negotiations, contracts, managing inventory and information, e-systems, sourcing, supply measurement, and evaluation. Transfer Credit: CSU

### SUPPLY MANAGEMENT C204 3.0 Units Supply Chain Logistics Management

Supply Chain Logistics Management provides a strategic focus that blends logistics theory with practical applications showing how all the pieces fit together. Topics include logistics management, operations, design, administration, and changes in the way business is being conducted. Emphasis is on relating current technology developments to Supply Chain Managerial concepts and logistical practices. Transfer Credit: CSU

## THEATER ARTS

### THEATER ARTS C100 3.0 Units Introduction to Theater

A course designed for those who wish to explore the performing arts with special attention given to a survey of all the contributing elements in a production, such as, stage craft, direction, and the actor's contribution. Attendance at a live performance is mandatory at the student's expense. Transfer Credit: CSU; UC

### THEATER ARTS C103 2.0 Units Acting Skills for Life

This unique hands-on interactive course incorporates the best practices from the world of theater to strengthen human interaction and leadership skills for greater success in life. Students from diverse backgrounds will benefit from this practical experience. Topics include: style and power, body language, active listening, creative collaboration, vocal essentials, and the nature of leadership. Transfer Credit: CSU; UC

### THEATER ARTS C104 3.0 Units Drama Therapy: For Clinical and Personal Application

This class serves as an introduction to drama therapy. It will expose students to the theory of drama therapy, its evolution as a profession, and its roots in theater and psychology, as well as providing student's experiential learning about its application in both clinical and everyday situations. Transfer Credit: CSU; UC

### THEATER ARTS C105 3.0 Units Theater Games and Exercises

A beginning class for anyone interested in drama. The course covers the basic principles and techniques of acting through the use of interactive theater games and improvisational exercises. Development of expressive freedom; creativity; relaxation; sensory awareness concentration; and the acting instruments of voice, body, and imagination will be emphasized. Minimal memorization. Transfer Credit: CSU; UC

### THEATER ARTS C106 3.0 Units Acting Fundamentals

An interactive course analyzing the art of acting, including vocal and movement exercises, character development, and examination of various acting techniques and styles. Emphasis is placed on class participation in scene work to develop a concrete understanding of the creative process. This course may be taken four times. Transfer Credit: CSU; UC

### THEATER ARTS C107 3.0 Units Fundamentals of Acting 2 Advisory: THEA C106

An interactive course further developing skills addressed in THEA C106, including character development and examination of various acting techniques. Scene work and development of an audition piece will produce further familiarity with the creative process of the actor. Transfer Credit: CSU; UC

### THEATER ARTS C111 3.0 Units The Show: Creating and Performing for Television and the Web

This course introduces students to the process of creating and performing in television productions intended for distribution to television and the Internet (Web). Both sides of the camera will be experienced: acting for television as well as the process of creating and taping a television program. Skill building through hands-on experience will be emphasized. Students will learn the process of television acting, including creating a character, auditioning, and performing monologues and dialogues, as well as movement. Students will also learn the fundamentals of television show creation including camera work, audio recording, scriptwriting, producing, and directing. Finally, each student will have a hand in the creation of a television program that is uploaded to the Web. This course is designed for those interested in careers in acting and television as well as those just curious about the mysterious process of making television programs. No previous experience is required. The course may be taken three times. Transfer Credit: CSU; UC

## VIETNAMESE

### VIETNAMESE C180 5.0 Units Elementary Vietnamese 1

**Advisory:** Students who have completed two years of high school Vietnamese with a grade of "C" or better should enroll in VIET C185.

A beginning course in speaking, understanding, reading, and writing Vietnamese; study of grammar, vocabulary and pronunciation, and of customs and culture of Vietnam. Transfer Credit: CSU; UC credit limitations. See counselor.

### VIETNAMESE C185 5.0 Units Elementary Vietnamese 2 Prerequisite: VIET C180, C180B

Advanced beginning course continuing VIET C180 emphasizing correct pronunciation, basic structural patterns, and extensive vocabulary development necessary for the writing and understanding of elementary Vietnamese. Simple and short supplementary readings on Vietnamese culture and civilization will be included. Transfer Credit: CSU; UC credit limitations. See counselor.

### VIETNAMESE C260 4.0 Units Vietnamese for Vietnamese Speakers

**Advisory:** Native or near-native fluency in Vietnamese recommended.

VIET C260 is designed to enrich the communication skills of the Vietnamese bilingual student. The course focuses instruction on improving the communications skills in formal and familiar ways of speaking, reading, grammar, spelling, vocabulary building and composition. The course explores culture through readings, plays and films. Class is conducted primarily in Vietnamese. Transfer Credit: CSU

### VIETNAMESE C280 4.0 Units Intermediate Vietnamese 1 Prerequisite: VIET C185 or C185B

VIET C280 is a continuation of VIET C185 or C185B; it is designed to develop further the abilities students have attained to comprehend and converse daily in spoken and written Vietnamese at an intermediate level. Reading and writing skills are stressed and enhanced. Cultural notes, authentic reading materials, literary selections, and grammar beyond the phrasal level present new concepts to stimulate vocabulary acquisition, to provoke expressive ability, and to generate communicative competency. Cultural and philosophical aspects of the Vietnamese-speaking world, including the world of Vietnamese-Americans, will also be discussed. Transfer Credit: CSU; UC

### VIETNAMESE C285 4.0 Units Intermediate Vietnamese 2 Prerequisite: VIET C280, C280B

VIET C285 is a continuation of VIET C280 with continuing emphasis on student's ability to comprehend and converse in daily spoken Vietnamese at the fourth semester level. The course focuses on enriching the communication skills in formal and familiar ways of speaking, reading, grammar, spelling, vocabulary building and composition. The course explores culture through readings, plays and film. Transfer Credit: CSU; UC

# Policies and Regulations

## Academic Freedom Statement

Coastline Community College recognizes that the free search for truth and the expression of diverse opinions are essential to a democratic society, and encourages and protects academic freedom as per Coast Community College District Board of Trustees policy number 030-3-1.5 as approved 02/05/03.

## Academic Honesty

Coastline has the responsibility to ensure that grades assigned are indicative of the knowledge and skill level of each student. Acts of academic dishonesty make it impossible to fulfill this responsibility and weaken our society. Administrators, faculty and classified staff at Coastline all support this policy. Faculty have the primary responsibility to ensure that academic honesty is maintained in their classes. Students share that responsibility and are expected to refrain from all acts of academic dishonesty. The Coast Community College District Student Code of Conduct and Disciplinary Procedures shall be applied to any violation of academic honesty.

An instructor who has evidence that an act of academic dishonesty has occurred may, after speaking with the student, take one or more of the following disciplinary actions:

- issue an oral reprimand;
- give the student an “F” grade or zero points or a reduced number of points on all or part of a particular paper, project or examination; lower the overall class grade; assign an “F” grade for the course.

NOTE: A grade of “F” assigned to a student for academic dishonesty is final and shall be placed on the transcript. If the student withdraws from the course, a “W” will not replace an “F” assigned for academic dishonesty.

## Examples of Violations of Academic Honesty

Academic dishonesty includes, but is not limited to, the following:

### Cheating

- Obtaining answers from another student before or during an examination.
- Communicating answers to another student during an examination.
- Knowingly allowing another student to copy one's work.
- Taking an examination for another student or having someone take an examination for oneself.
- Using unauthorized material during an examination.
- Sharing answers for a take-home examination unless otherwise authorized by the instructor.

- Altering a graded examination or assignment and returning it for additional credit.
- Receiving help in creating a speech, essay, report, project or paper unless otherwise authorized by the instructor.
- Turning in a speech, essay, report, project or paper done for one class to another class unless specifically authorized by the instructor of the second class.
- Misreporting or altering the data in laboratory or research projects.

### Plagiarizing

- Offering another person's work as one's own: copying a speech, essay, report, project or paper from another person or from books or other sources.
- Allowing another person or company to do the researching and/or writing or creating of an assigned speech, essay, report, project or paper for oneself.
- Writing or creating a speech, essay, report, project or paper for another student. Doing research for another student's project or report.
- Using outside sources (books, periodicals or other written or spoken sources) without giving proper credit (by naming the person and putting any exact words in quotation marks).

### Committing Other Acts of Dishonest Conduct

- Stealing or attempting to steal an examination or answer key.
- Stealing or attempting to change official academic records.
- Forging or altering grade change cards.
- Submitting all or part of the same work for credit in more than one course without consulting all instructors involved.
- Intentionally impairing the performance of other students and/or a faculty member, for example, by adulterating laboratory samples or reagents, by altering musical or athletic equipment or by creating a distraction meant to impair performance.
- Forging or altering attendance records.

### Engaging in Collusion

Collusion occurs when any student knowingly or intentionally helps another student perform an act of academic dishonesty. Collusion is an act of academic dishonesty and will be disciplined in the same manner as the act itself.

## Procedures for Dealing with Violations of Academic Dishonesty

**Action by the Instructor:** An instructor who has evidence that an act of academic dishonesty has occurred shall, after speaking with the student, take one or more of the following actions:

- Issue a reprimand.
- Give the student an “F” grade, zero points, or a reduced number of points on all or part of a particular paper, project, or examination.\*
- Assign an “F” grade for the course. NOTE: A grade of “F” assigned to a student for academic dishonesty is final and shall be placed on the transcript. If the student withdraws from the course, a “W” grade will not replace an “F” assigned for academic dishonesty.\*

\*For any incident of academic dishonesty that is sufficiently serious for the instructor to take disciplinary action that can lower the student’s grade (for example, an “F” given for all or part of an assignment), the instructor shall report the incident to the Dean of Counseling & Special Programs on an “Academic Dishonesty Report” form.

**Action by the Administration:** Upon receipt of the first “Academic Dishonesty Report” form concerning a student, or upon satisfactory investigation of allegations brought by other staff or students, the Dean of Counseling & Special Programs shall send a letter of reprimand to the student, which will inform the student that he/she will be on disciplinary probation for the remainder of his/her career at Coastline.

Upon receipt of a second reported incident of cheating by the student, the Dean of Counseling & Special Programs shall suspend the student for one calendar year. If, after the student returns from a suspension for academic dishonesty, the Dean of Counseling & Special Programs receives yet another “Academic Dishonesty Report” form, he/she shall recommend to the College president and the CCCD Board of Trustees that the student be expelled from the District.

For more serious incidents of academic dishonesty, the student shall be suspended from the College on the first offense and could be recommended for expulsion by the CCCD Board of Trustees. Offenses warranting suspension or expulsion on the first offense include, but are not limited to, the following:

- Taking an examination for another student or having someone take an examination for oneself.
- Altering a graded examination or assignment and returning it for additional credit.
- Having another person or a company do the research and/or writing of an assigned paper or report.
- Stealing or attempting to steal an examination or answer key.
- Stealing or attempting to change official academic records.
- Forging or altering grades.

## Academic Renewal

The academic renewal policy for Coast Community College District is issued pursuant to Sections 55764 and 55765 of the California Administrative Code (Title 5) regulations. The purpose of this policy is to disregard past substandard academic performance of students when such work is not reflective of their current demonstrated ability. It is based on the recognition that due to unusual circumstances or circumstances beyond the student’s control, the past substandard work will negatively affect their academic standing and unnecessarily prolong the rate at which they complete their current objectives.

If specific conditions are met, Coastline may disregard from all consideration associated with the computation of a student’s cumulative grade point average (GPA) to a maximum of 30 units of coursework from a maximum of two semesters or three quarters taken at any college for graduation or GPA purposes only. These conditions are:

1. The coursework to be disregarded is substandard. The total GPA of the semester is less than 2.0 units.
2. A minimum of 12 semester units have been completed at any regional accredited college or university with a cumulative GPA of at least 2.0 units subsequent to the coursework to be disregarded.
3. At least 12 months have elapsed since the most recent coursework to be disregarded.
4. All substandard coursework shall be disregarded except those courses required as a prerequisite or to satisfy a requirement in the students’ redirected educational objective.
5. Credit for courses from other colleges or universities can be disregarded in order to meet the GPA requirements for an A.A. degree or certificate of achievement toward graduation.

NOTE: It is important to understand that **all coursework will remain legible** on the student’s permanent records (transcripts), ensuring a true and complete academic history. However, students permanent records will be annotated that it is readily evident to all users of the records that the units, even if satisfactory, are to be disregarded. This notation will be made at the time that the academic renewal has been approved by the Student Services office.

If another accredited college has acted to remove previous coursework from consideration in computing the grade point average, such action shall be honored in terms of its policy. However, such units disregarded shall be deducted from the 30 semester units maximum of coursework eligible to be disregarded at Coastline.

## Academic Standards

**Honors:** Coastline recognizes academic honor in four ways.

1. **PRESIDENT’S LIST:** A student is eligible to be included on the President’s List after completing a

semester of at least 12 units in courses awarding letter grades during which a GPA of 4.0 is earned.

2. **DEAN'S LIST:** A student is eligible to be included on the Dean's List after completing a semester of at least 12 units in courses awarding letter grades during which a GPA of 3.50 to 3.99 is earned.
3. **HONOR'S LIST:** A student is eligible to be included on the Honor's List after completing a semester of 6.0 to 11.9 units in courses awarding letter grades during which a GPA of 3.75 to 4.0 is earned.
4. **GRADUATION WITH HONORS:** A student is eligible for Graduation with Honors\* if he or she achieves a 3.50 or higher GPA in all college units attempted and a 3.50 or higher GPA in all courses completed at Coastline.

**Probation Status:** The Coast Community College District's policy on probation states that a student shall be placed on probation if he or she meets one of two conditions:

1. **Academic Probation**

A student is on academic probation if he or she has attempted at least 12 semester units at a District college and

- a. has a GPA of less than 2.0 in the most recent semester completed, or
- b. has a cumulative GPA of less than 2.0 in all units attempted.

2. **Progress Probation**

A student is on progress probation if he or she has attempted at least 12 semester units at a District college and the percentage of units with "W, I and NC" grades reaches or exceeds 50 percent.

Students on probation at one District college shall be on probation at all colleges within the District. All probationary students shall be notified of their status and counseling services shall be made available.

**Disqualification Status:** The approved disqualification policy states that a student in the District who is on academic or progress probation shall be disqualified whenever he or she meets one of two conditions:

1. **Academic Disqualification**

Any student on academic probation for two consecutive semesters shall be academically disqualified. However, students on academic probation whose most recent semester GPA equals or exceeds 2.0 shall not be disqualified but shall be continued on academic probation.

2. **Progress Disqualification**

Any student on progress probation for two consecutive semesters shall be disqualified for lack of satisfactory progress. However, students on progress probation whose most recent semester work indicates less than 50 percent of "W, I or NC" entries shall not be disqualified but shall be continued on progress probation.

Students on disqualification at one District college shall be disqualified at all District colleges. Students shall be

notified of disqualification status near the beginning of the semester that it shall take effect but, in any case, no later than the start of the Fall Semester.

Upon notification of eligibility for disqualification, students shall be informed of appeal procedures and of counseling and other appropriate services. If circumstances warrant, exceptions may be made and reinstatement granted at the discretion of and under the conditions established by the Probation and Disqualification Review Committee.

- \* Spring grades will not be used in computing the GPA for the graduation ceremony, but will be used in determining the final GPA for the diploma.

### **Animals and/or Pets**

Animals and/or pets of any kind or description are not allowed on or within college property. This restriction also applies to animals and/or pets confined in any vehicle parked on College property. This does not apply to the use of guide, signal or service dogs for assisting persons with disabilities.

### **Attendance**

**Class Attendance:** Regular and prompt attendance is expected of every student. Instructors may drop students who incur excessive absences. Excessive absences could lead to a lower grade, even a failing grade.

It is especially important that students attend the first class meeting of every class in which they are registered since a full period of instruction will begin the first day of the semester. Instructors may drop students who miss the first class meeting to make room for students who may wish to enroll. Registered students who must miss the first class should notify their instructors through the appropriate area center prior to the first meeting to avoid being dropped from the class.

Each instructor will determine the attendance policy for his or her class and its implication for successful completion of the course. The instructor will explain to students during the first class meeting the policy for attendance and grading to be used in the course.

It is the student's responsibility to officially drop classes that he or she is no longer attending (see the Withdrawal from Class Policy). If a student stops attending class, but does not officially withdraw from the course via MYCCC, by mail or in person, he or she could receive a failing grade.

**Continuous Attendance:** Defined as the completion of at least one course during a regular semester in an academic year.

### **Auditing**

Effective summer 2010, the college is no longer offering students the option to audit a course.

### **Awarding College Credit**

Coastline recognizes college credit, except sectarian courses, earned at any institution of higher education which is accredited by one of the regional accrediting associations of schools and colleges as identified by the Council on Postsecondary Accreditation.

Upon completion of 12 units at Coastline, students may receive a maximum of 40 units through experiential learning, including American Council on education (ACE) College credit recommendations, Military, CLEP, DSST, and Advanced Placement towards the experiences in similar subject areas.

Students planning to transfer credit awarded by Coastline for experience other than classroom attendance should contact the specific transfer institution, since each college has a different policy regarding experiential credit.

**Advanced Placement Credit:** Credit may be granted for Advanced Placement courses completed in high school. The credit may be applied toward the Associate degree and/or CSU General Education Certification. Official test scores must be submitted to Coastline's Admissions and Records Office. The following chart indicates required scores and degree application.

See AP Chart on page 150.

### **CLEP (College Level Examination Program)**

The College Entrance Examination Board offers examinations covering material taught in courses that most students take in the first two years of college.

- CLEP credits will count towards general education, major, or elective credits for the Associate of Arts degree or CSU General Education Certification. (See chart for required scores and applicability.)
- The University of California does not grant credit for CLEP.
- CLEP may or may not be accepted by other colleges and universities. A student must check with the specific transfer institution to determine regulations regarding CLEP. General CLEP policies can be found in the college catalogs.
- CLEP exams may not be used to retake or improve a grade in a course at Coastline or any other institution.
- CLEP credit posted to another institution's transcript will be reevaluated based on Coastline's standards and may or may not be equal to credit received at another institution. CLEP credit posted to a student's Coastline transcript may or may not be accepted for equal units at another institution.
- Coastline has established CLEP and DSST National Testing Centers on base at Dyess AFB, Fallon NAS, Gulfport NCP, Holloman AFB, Pensacola NAS and Point Loma

**Credit by Examination:** \$25 per course. Students with appropriate post high school experience may petition for "Credit by Examination" and receive college credit in courses reflecting this experience, providing the:

- 1) student is in good standing;
- 2) course is appropriate for credit by examination;

- 3) course is listed in the college catalog and
- 4) appropriate instructor, currently teaching the classroom course, is willing to assist the student in completing "Credit by Examination."

The appropriate number of units may be posted to the student's transcript upon completion of 12 units at Coastline. This credit will be designated "Credit by Examination" and will be awarded the grade of "Pass" if the student successfully passes the examination; the grade of "No Pass" will be assigned if the student fails the examination.

### **DANTES (Defense Activities Non-Traditional Education Support) Subject Standardized Tests (DSSTs)**

- Coastline accepts DANTES (DSSTs) with scores of 50 or above.
- DSST credits will count towards general education, major, or elective credits for the Associate of Arts degree. (See DSST chart for applicability)
- DSST scores may not count toward CSU and IGETC certifications.
- DSST scores may or may not be accepted by other colleges and universities. A student must check with the specific transfer institution to determine regulations regarding DSST credit.
- DSST exams may not be used to retake or improve a grade in a course at Coastline or any other institution.
- CLEP/DSST credit posted to another institution's transcript will be reevaluated based on Coastline's standards and may or may not be equal to credit received at another institution.
- Coastline has established CLEP and DSST National Testing Centers on base at Dyess AFB, Fallon NAS, Gulfport NCP, Holloman AFB, Pensacola NAS and Point Loma

See Dantes chart on page 153.

**Foreign College Units:** Coastline is unable to evaluate foreign transcripts. International students are encouraged to utilize the Credentials Evaluation Service provided by the International Research Foundation, Inc. This agency is familiar with educational systems throughout the world and can properly evaluate international transcripts.

Although the agency charges a fee for the service, the expense is usually much less than repeating the courses at an American institution of higher education. Coastline will accept the official evaluation and will count the units and/or degrees toward the student's educational program. Call the Counseling office for information at 1 (714) 241-6162.

**Independent Study:** Students whose past experiences and present activities provide an accepted alternative method for completing course objectives may petition for Independent Study:

- 1) If the course is offered during the petition semester;
- 2) If the course is appropriate for this method of instruction and

- 3) If the petition is approved by the specific instructor teaching the class, the discipline dean and the vice president of instruction.

Military Credit: Coastline recognizes that U.S. Service members receive intensive training and educational instruction unmatched by many others in our society. Coastline will award a maximum of 40 units of credit for military training and experience as recommended by the American Council on Education (ACE). The determined number of units may be posted to the student's transcript upon completion of 12 units at Coastline.

- Military transcripts are evaluated to verify credit applicable to a degree. Transcript documentation includes SMART (Sailor/Marine ACE Registry Transcript) AARTS (Army/ACE Registry Transcript System), Coast Guard Institute Transcript, DD 295 and DD 2586.
- Military credits may count towards general education, major, areas of emphasis, certificate, and elective credits and are applicable to an associate degree at Coastline.

**Work-based Learning:** Students pursuing any vocational major at Coastline may earn elective credit for learning on the job through a planned program of goal setting, site visits and evaluations. Concurrent enrollment in Coastline's vocational classes is required. For further information, contact the Work-based Learning office at 1 (714) 241-6209.

### Classification of Students

Students are classified as follows:

Freshman: A student who has completed fewer than 30 units.

Sophomore: A student who has completed 30 or more units

Full-time Credit Students: A student carrying 12 units or more of work.

Full-time Noncredit Student: A student attending 24 class hours per week.

Part-time Student: A student carrying fewer than 12 units of work.

### Code of Conduct

Students enrolled at Coastline assume an obligation to conduct themselves in accordance with the laws of the state of California, the California Education Code, and the policies and procedures of the Coast Community College District. The Code of Conduct has been established by the District Board of Trustees to provide notice to students of the type of conduct that is expected of each student. Being under the influence of drugs and/or alcohol, or the existence of other mental impairment does not diminish or excuse a violation of the Code of Conduct.

A Coastline student found in violation of any of the following District or campus-related regulations will be subject to the maximum sanction of expulsion:

- aiding, abetting or inciting (3.1)
- false report of emergency (3.2)
- any action resulting in serious injury or death (3.3, 3.10)
- infliction of mental harm upon any District community member (3.4)
- possession of weapons (3.5)
- rape/sexual assault (3.6)
- sale of alcohol or narcotics (3.7, 3.8)
- repeat suspension (3.9)

A Coastline student found in violation of the following District or campus-related regulations may be expelled, placed on probation or given a lesser sanction:

- abusive behavior (4.1)
- assault/battery (4.3)
- cheating/plagiarism (4.4)
- continued misconduct (4.6)
- damaging or stealing library materials (4.22)
- destroying property (4.7)
- discrimination (4.8)
- disrupting the educational process (4.9)
- disruptive behavior (4.10)
- disturbing the peace (4.11)
- failure to appear before a District official when directed to do so (4.12)
- failure to comply or identify (4.13)
- failure to obtain permits before participation in an organized protest (4.13)
- failure to repay debt or return District property (4.15)
- fighting (4.16)
- forgery (4.17)
- gambling (4.18)
- harassment (4.19)
- hateful behavior (4.20)
- lewd conduct (4.21)
- misrepresentation (4.23)
- misuse of college identification (4.24)
- possession of alcohol, narcotics or prohibited substances (4.25, 4.26)
- sexual harassment of the threat of sexual assault (4.27, 4.30)
- smoking where prohibited (4.28)
- theft (4.29)
- unauthorized entry or trespass (4.31)
- unauthorized possession of property (4.32)
- unauthorized tape recording or use of electronic devices (4.33, 4.36)
- unauthorized use of alcoholic beverages (4.34)

- unauthorized use of District keys (4.35)
- unauthorized use of property or services (4.37)
- unreasonable demands (4.38)
- violation of District computer usage policy, computer theft or other computer crime (4.5)
- violation of driving regulations (4.39)
- violation of health and safety regulations (4.40)
- violation of local, state or federal law, or violation of posted District rules (4.41, 4.42)

Copies of the Coast Community College District Student Code of Conduct and Disciplinary Procedures, which includes complete definitions of the above violations, are available in the Dean of Counseling & Special Programs. Copies are available in Vietnamese upon request.

### Course Repetition

In accordance with Title 5, sections 55024, 55040-55045 only courses which fall into the following categories may be repeated. Enrollment in two sections of the same course in the same term or part of term is not permitted.

1. The course schedule and catalog descriptions state that a course may be repeated a pre-approved number of times, which may be once, twice, or three times. If the description states that: This course may be repeated one time ..... it may be taken twice for credit; two times..... it may be taken three times for credit; three times ..... it may be taken four times for credit.
2. Students who wish to repeat a course in which a substandard grade (D, F, and/ or NP) was received may retake the course at any regionally accredited college or university to alleviate the substandard grade earned at Coastline Community College provided the repeated course is equivalent to the one taken at CCC. Equivalency will be determined by the appropriate department at CCC. Prior to repeating a course, students should consult the CCC Admissions and Records Office or CCC Counseling Office to ensure the original CCC course is equivalent to the course being repeated. Students who repeat a course in which a substandard grade was earned at CCC may repeat that course only one additional time, except upon appeal for extenuating circumstances. Appeal forms are available in the Admissions and Records Office and online at [www.coastline.edu](http://www.coastline.edu) Students who are approved to take a specific course for the third time do not receive registration priority for that course and must wait until the week prior to the start of the term to register.

Upon completion of the repeated course, the student must file a Repeated Course Grade Petition in the Admissions and Records Office. For repeated courses taken outside of the Coast Community College District students must include official transcripts and a copy of the catalog descriptions and/or course outlines from colleges or universities where courses were repeated. The student's

academic transcript shall then be annotated reflecting exclusion of the previously recorded course work with the substandard grade for purposes of grade point calculation and for all considerations associated with the awarding of certificates and degrees. However, previously recorded course work shall neither be removed nor otherwise obliterated from the permanent record.

3. Special classes which meet the needs of students with a documented disability may be repeated in compliance with Title 5, Section 56029, of the Education Code. NOTE: Some transfer institutions may elect to include both courses or may choose to use only the first grade taken in their computation of the grade point average to establish entrance requirements.

Note: There is current State and District policy pending regarding changes to the Course Repetition Policy. Please check with the Admissions & Records Office or Counseling for updated information.

### Expenses

**Enrollment Fees:** \$26 per unit. The enrollment fee is subject to change by the state legislature.

**College Services Charge (formerly Student Services Charge):** \$6 per semester. This charge underwrites many student services, classes and programs. It is not mandatory. A portion of each \$6 charge goes to instructional grants and student scholarships. Information about specific programs funded by this charge and requests for waiver of the charge are available and granted only in the Admissions and Records office during the registration period. Waivers must be secured in advance and submitted at the time of a student's initial enrollment.

**Housing:** Coastline maintains no dormitories. Housing transactions must be made individually.

**Non-resident Tuition:** \$183.00 per unit + \$4.00 per unit Non-Resident Capital Outlay. Students who are not California residents as defined by the Education Code are required to pay the non-resident tuition fee in addition to the fees described above. Please note that it is the student's responsibility to prove that he/she is a California resident.

**Materials Fees:** Students may need to purchase materials for classes, as follows:

1. Required instructional materials of continuing value outside of the classroom **must** be paid for by the student. These are tangible materials that are essential to satisfy course objectives, have value to the student outside the classroom, belong to the student and may be taken home. These materials include, but are not limited to, such items as textbooks, workbooks, syllabi, computer discs, tools, uniforms and canvases. They also include materials, such as clay, that are transformed into materials of lasting value.

NOTE: Some classes carry a fee for required instructional materials. These fees are for the types

of materials described above. When such fees are indicated, the materials for which the fees are levied are supplied at district costs and are sold as a convenience to students. However, students may choose not to pay the fee indicated and provide the materials themselves. Students are warned that they will not be able to complete the requirements of a course if they do not purchase or provide required instructional materials.

- Students are **advised** to provide certain instructional materials of an optional nature. These are materials that enhance a student's learning experience in the classroom, but are not essential to completion of course objectives.

**Parking Fee:** \$10 per Fall/Spring Semester. \$5 for Summer Session. See "Parking Regulations" in this section for more information.

**Health Services Fee:** All students enrolling in one or more courses are required to pay the Health Services Fee of \$10 effective Fall 2010. This is a mandatory fee unless the student presents a waiver. Students who qualify for a waiver are:

- Students who depend solely upon prayer for healing in accordance with the teachings of a bona fide religious sect, denomination or organization. Call 1 (714) 241-6160 for information.
- Students enrolled only in courses of two weeks or less in duration.
- Students enrolled only in non-credit courses.
- Students enrolled in an approved Study Abroad Program.
- Students enrolled in an approved apprenticeship training program.

**Textbooks:** Students may need to buy textbooks as determined by their instructors. Total cost will vary from approximately \$75 per class to \$600 per semester for full-time students. In some cases, secondhand textbooks are available at a reduced price. Textbooks may be purchased in the Bookstore located at the College Center or online at: [www.coastlinebookstore.com](http://www.coastlinebookstore.com). Information about textbook pricing and ordering for courses delivered through the Military Program may be found online at <http://military.coastline.edu/text50.cfm>.

Student performance is indicated by one of seven grades. Grades, which carry a point value and which are used in determining the grade point average (GPA) are as follows:

A = Excellent	4 grade points per unit
B = Good	3 grade points per unit
C = Satisfactory	2 grade points per unit
D = Passing-less than satisfactory	1 grade point per unit
F = Failing	0 grade points per unit

The grade point average is calculated by dividing the number of grade points by the number of units attempted for the grades of A, B, C, D, or F.

The following grades are not part of the GPA calculation:

P/CR= Pass-satisfactory, C or better	Unit credit granted
NP/NCR = Not passing, less than satisfactory or failing	No units granted
W = Withdrawal	No units granted
MW = Military withdrawal	No units granted
I, IB, IC, ID, IF, INP = Incomplete*	No units granted
IP = In progress	No units granted
RD = Report delayed	No units granted

\*Incompletes were expanded to include the grade that the incomplete will revert to in one year if the student does not make up the coursework with the instructor (i.e. ID= incomplete which will revert to a "D" in one year if the student does not make up missing coursework).

An "E" to the far right of a course indicates that the grade has been excluded from the GPA calculation. The reason for the exclusion may be notated as follows:

ACDRNL	Academic renewal
HS or HSC	High school credit only
UR	Unauthorized repeat
SUBSTND	Repeated substandard grade

**Other Notations**

APL = Assessment of Prior Learning

CE = Credit by Exam

(I) = Course taken during Winter Intersession

(H) = Honors Course

**Grades & Grade Points**

**HOW TO CALCULATE YOUR GPA (example):**

Class	GPA units (Units Attempted)	Grade Received	Units Earned	Grade Points times Per Unit	Total Grade equals Points Earned
Biology 100	3.....	A	3.....	x ..... 4.....	= ..... 12
Biology 101	1.....	A	1.....	x ..... 4.....	= ..... 4
Psychology 100	3.....	B	3.....	x ..... 3.....	= ..... 9
Mathematics 115	4.....	C	4.....	x ..... 2.....	= ..... 8
Art 100	3.....	B	3.....	x ..... 3.....	= ..... 9
History 100	3.....	F	0.....	x ..... 0.....	= ..... 0
<b>TOTALS</b>	<b>17</b>				<b>42</b>

$42 \div 17 = 2.47 = \text{GPA}$

Students are encouraged to complete courses with letter grades since many four-year colleges and universities place a limit on the number of units acceptable with credit grades.

It is possible, however, to be evaluated under a “P/NP” grading system, which removes the pressure commonly associated with an “A-F” grading system. Some classes are offered on a pass/no pass grading system only. All other classes have an optional grading system of either “A-F or P/NP.” Under the optional grading system:

1. Students must select the “P/NP” option prior to completion of the first 30 percent of the course.
2. Students must select the “P/NP” option by downloading the form on our web site and turning it in to the Admissions and Records office, by the appropriate deadline. These cards are sent to all students with their confirmation packet. They are also available at any of the area offices.
3. A “P” protects the GPA for those students desiring general education experiences outside their major and should be avoided as a substitute for a letter grade in a major field of study.
4. Most four-year colleges and universities require at least a 2.0 GPA in community college work for admission of transfer students. Transfer students are encouraged to request letter grades in their classes.

**Examinations:** Final examinations are **required in all graded courses**. Exceptions to this policy may occur in certain physical education activity courses. Students must be in attendance at Coastline for the entire length of the course and must take the final examination to receive credit.

**Incomplete Grades:** Incomplete academic work for justifiable reasons at the end of the term may result in an “I” symbol being entered in the student’s transcript (permanent record). The “I” may be made up no later than one year following the end of the term in which it was assigned. Students are notified by the College regarding the conditions necessary to receive a grade. An “I” not made up within the one-year limit shall be changed to the alternate grade assigned by the instructor at the time the “I” was issued.

NOTE: Students are not permitted to enroll in a course in which they were assigned an “I” grade. Incompletes must be agreed upon by both the student and the instructor.

### **Liability**

Throughout the academic year, some classes will meet at off-campus locations. The College will not provide transportation to these sites, and students enrolled in these classes are responsible for making their own transportation arrangements. Coastline personnel may assist in coordinating this transportation and/or may recommend travel time, routes, carpooling, etc.; however, the student does not have to follow these recommendations. The Coast Community College District (CCCD) is in no way responsible, nor does it assume

liability, for any injuries or losses resulting from this non-sponsored transportation. If you ride with another student, that student is not an agent of, nor driving on behalf of the District.

Under the California Code of Regulations, Subchapter 5, Section 55450, if you participate in a voluntary field trip or excursion, you hold the CCCD, its officers, agents and employees harmless from all liability or claims that may arise out of or in connection with your participation in this activity.

### **Parking Regulations**

**Permit Required:** Parking permits are required at the Costa Mesa and Garden Grove Centers. Any motorized vehicle requiring registration with the California Department of Motor Vehicles (DMV) must have a current parking permit affixed to the inside lower left corner of the windshield in clear view. Permit hangers are not recommended. However, if you choose to use one you must ensure the permit is visible at all times. Motorcycles (mopeds) will have the permit affixed to the left front fork. Cars without permits properly displayed will be cited. Vehicles may park only in spaces or areas designated for vehicle parking. **PURCHASE OF A PARKING PERMIT DOES NOT GUARANTEE A PARKING SPACE ON CAMPUS.**

Purchase parking permits online: Current semester permits are now available online at [www.coastline.edu](http://www.coastline.edu). Daily parking permits can also be obtained from the office at each area site. Coastline parking permits are not valid at Golden West or Orange Coast Colleges.

**Parking Areas:** Designated parking areas are color coded:

- Yellow (Faculty and Staff) permit required
- White Grid (Motorcycles only) permit required
- Blue (Handicapped—DMV) permit required
- Unmarked white stalls—open for permit parking

All designated permit parking areas will be enforced Monday-Friday, 8 a.m.-10 p.m.

**Responsibilities for Penalties:** The registered owner of any vehicle on a Coastline site shall be held responsible for any liability or damage claims including parking or other traffic violation penalties arising in connection with the possession and/or operation of the vehicle on the Coastline site.

**Liability:** Coastline is not responsible and assumes no liability for damage or theft of any vehicle or its contents.

**Lost, Stolen, Damaged Permits or Sold Vehicles:** Replacement of lost, damaged or permits sold with the vehicle will be \$10. Stolen permits are to be reported to the Admissions office.

### **Parking, Traffic Rules and Regulations:**

#### **ARTICLE 1—ENFORCEMENT**

The West Orange County Municipal Court has granted authorization to the Campus Safety Department to issue parking citations within the confines of any Coastline Community College site. **PARKING AND TRAFFIC RULES AND REGULATIONS WILL BE IN EFFECT 24 HOURS A DAY.**

**Parking Regulation/Citation Penalties:**

<b>SECTION NO.</b>	<b>REGULATION</b>
401	No parking is allowed in any area that is not designated for student parking. BAIL: \$17
402	Vehicles parking within a stall shall not overlap the lines that designate the stall. BAIL: \$17
403	No person shall park or leave standing a vehicle on any roadway, landscaped area, driveway, road or field without prior approval of the Public Safety Department. BAIL: \$17
404	Motorized cycles and bicycles must be parked in designated motorcycle and bicycle parking areas. BAIL: \$17
405	No vehicle shall be backed into diagonal parking stalls. BAIL: \$17
406	No person shall park or leave standing a motor vehicle blocking traffic lanes on any campus roadway or parking lot. BAIL: \$27
407	No person shall park or leave standing any vehicle in any area where the curb is painted RED and/or is marked "NO PARKING." BAIL: \$27
408	When signs or markings prohibiting and/or limiting parking are erected or placed upon any street, road or area, no person shall park or leave standing any vehicle upon such street, road or area in violation of any such sign or marking. BAIL: \$27
409	No person shall park in any area marked in blue and identified as "Handicapped Parking" unless a valid handicapped placard/license plate/permit is properly displayed on or within the vehicle. BAIL: \$42
410	Except as otherwise noted in these regulations, no person shall park in an area posted or marked "STAFF" unless a valid annual, semester or temporary STAFF parking permit is properly displayed on or within the vehicle. BAIL: \$17
411	No person shall park any vehicle in any manner or fashion so as to create a traffic hazard. BAIL: \$17
412A-D	No person shall park on campus in designated permit areas, without a current, valid parking permit, properly displayed either on the left rear bumper or suspended from the rear view mirror. Motorcycles/mopeds shall have the permit affixed to the right front fork. BAIL: \$17
413	Vehicles parking in metered stalls must pay for use of the stall as indicated on the meter. Display of any Coastline parking permit does not preclude payment of meter fees. BAIL: \$17
414	No overnight parking without approval. BAIL: \$17

**Prerequisites, Corequisites and Other Limitations on Enrollment**

All prerequisites or corequisites identified in Coastline's catalog and class schedule were established according to state laws as outlined in the Coast Community College District's Model Plan. The following information is provided in compliance with those laws.

Except for district priority registration procedures for continuing students and courses or programs with prerequisites or corequisites, all Coastline classes are open to enrollment on a first-come, first-served basis until they are filled to maximum capacity.

**Definitions:** "Prerequisite" means a condition of enrollment that a student is **required** to meet in order to demonstrate current readiness for enrollment in a course or educational program. "Corequisite" means a condition of enrollment consisting of a course that a student is **required** to simultaneously take in order to enroll in another course. "Advisory" means a condition of enrollment that a student is **advised, but not required**, to meet before or in conjunction with enrollment in a course or educational program.

**Challenging Limitations on Enrollment**

**Closed classes without prerequisites or corequisites:** For courses that do not have prerequisites or corequisites, students may attend the first class meeting and ask instructor for permission to enroll in class.

**Closed classes with prerequisites or corequisites:** For courses that do have prerequisites or corequisites, students must have completed all prerequisites or corequisites. Students who have not met the appropriate prerequisites or corequisites and who complete in-class registration may not be officially enrolled or may be involuntarily dropped from the course.

**Open courses with prerequisites or corequisites:** Students may challenge prerequisites or corequisites based on the types of challenges listed below which are established by law. It is the student's responsibility, however, to provide satisfactory evidence that the challenge should be upheld. "Prerequisite/Corequisite Challenge Petition" forms are available in the Admissions office. Students wishing to challenge prerequisites or corequisites should first speak with the Dean of Counseling. They must then complete the petition form and submit it, along with supporting documentation, to the Admissions office. Petitions will be approved or denied within five working days. If approved, the petitioner will be allowed to enroll in the course of choice. If the desired course is already closed when the challenge is filed, the challenge shall be resolved prior to the beginning of the registration for the next term. If the challenge is upheld, the student shall be permitted to enroll if space is available when the student registers for that subsequent term.

**Authorized Grounds for Challenge (Title V—Section 55201):**

Colleges are required to notify students about the types of challenges that are established by law, and to advise students of the circumstances under which they are encouraged to make a challenge.

Any prerequisite or corequisites may be challenged by a student on one or more of the grounds listed below. The student shall bear the initial burden of showing with documentation that grounds exist for the challenge. Challenges shall be resolved in a timely manner and, if

the challenge is upheld, the student shall be permitted to enroll in the course or program in question. Grounds for challenge are:

1. The prerequisite or corequisite has not been established in accordance with the District's process for establishing prerequisites and corequisites;
2. The prerequisite or corequisite is a violation of this article;
3. The prerequisite or corequisite is either unlawfully discriminatory or is being applied in an unlawfully discriminatory manner;
4. The student has the knowledge or ability to succeed in the course or program despite not meeting the prerequisite or corequisite;
5. The student will be subject to undue delay in attaining the goal of his or her educational plan because the prerequisite or corequisite course has not been made reasonably available; and
6. Such other grounds for challenge as may be established by the district governing board.

Coastline has established all prerequisites or corequisites in full compliance with the District's process for establishing prerequisites and corequisites. The existing prerequisites and corequisites are not in violation of state law. The District has not established any grounds for challenge other than those already permitted by law. Therefore, students are not advised to challenge a prerequisite or corequisite based on items 1, 2 or 6 above. Coastline students are encouraged to submit their official transcripts as documentation of prerequisite or corequisite completion at the time of registration. The transcripts will usually indicate which completed coursework from other colleges is equivalent to the prerequisite or corequisite. This action will avoid the need to file the Prerequisite/Corequisite Challenge Petition.

**Student Rights to Appeal:** If a challenge is denied based upon the determination of one person and not a committee, the student has the opportunity to appeal to the Dean of Counseling and Special Programs.

### **Refund Policy**

In accordance with State regulations and District Board policy, registration fees will be refunded upon according to the following:

1. Enrollment Fees, Nonresident Tuition, Material Fees: 100% of the fees paid at registration for the affected class(es) will be refunded provided the student withdraws by the refund deadline date printed next to the class on the student's class program. Withdrawals after the printed refund date for the class are not eligible for refund.
2. Parking Fee, Health Fee College Services Charge: 100% of the fees paid at registration will be refunded if the student totally withdraws from all classes in accordance with the refund deadline date for each of

the classes being dropped as printed on the student's class program, and the student returns the Parking Permit Decal within the refund deadline.

### **Refund Procedure**

In accordance with district policy refunds will automatically be issued by check from the district office.

Payments made by credit card will be automatically processed as a check refund unless a request is made in person at the college to have the refund credited back directly to the credit card. For security purposes credit information is not maintained by the college, therefore the student must supply the card number and expiration date for processing.

In addition, there is a fifteen working-day waiting period for refunds when the original payment of fees was made by check unless the student shows proof of the cancelled check.

Please note: The refund deadline printed on your student class program is the deadline to drop a class in order to be eligible for a refund.

Refund procedures are subject to change.

### **Cancelled Classes**

If Coastline Community College cancels a class, registration fees for that class will be refunded. If you purchased a parking decal, it must be returned within 2 weeks of the class cancellation date.

### **Returned Checks**

Any check returned unpaid (stop payment or insufficient funds) does not constitute automatic withdrawal from class. A check returned from the bank for any reason is subject to a \$25 service charge. A hold will be placed on student records for any financial obligation, until the obligation is cleared.

### **Residence Requirements**

**California Residence:** Generally, California residence is established by one of the following:

1. If the applicant is under the age of 18, his or her parents must have had legal residence within California for 12 consecutive months preceding the first day of the semester.
2. If the applicant is 18, but not yet 19 years of age, the applicant and the applicant's parents must have had legal residence within California for 12 consecutive months preceding the first day of the semester.
3. If the applicant is 19 years of age or older, the applicant must have had legal residence within the state of California for 12 consecutive months preceding the first day of the semester.

**Non-California Residents:** An individual who does not meet the California residency requirements may be admitted to Coastline under the following conditions:

1. Students who are not residents of California as of the day immediately preceding the first day of classes, in any given semester or summer session, will be required to pay an out-of-state tuition fee.
2. Active military personnel are exempt from nonresident tuition fees provided they are in California for a purpose other than attending a state-supported institution of higher education.
3. Dependents (natural or adopted child, stepchild, or spouse) of a member of the armed forces of the United States stationed in California on active duty shall be entitled to resident classification only for the purpose of determining the amount of tuition and fees. If that member of the armed forces on active duty is thereafter transferred to a location outside the state, or retires from active duty, the student dependent shall not lose his or her resident classification until he or she has resided in the state the minimum time necessary to become a resident. (Title V, Section 68074)
4. Minors (under 18 years of age and not married) will be required to pay the out-of-state tuition fee if their parents or legal guardians reside outside the state, even though such minors may have lived in California for one year or more.
5. Students who are financially dependent on their parents or legal guardians will be required to pay out-of-state tuition if their parents or legal guardians reside outside the state, even though such students may have lived in California for one year or more.
6. Students who have paid the out-of-state tuition fee and find it necessary to withdraw from college will be given refunds according to the refund policy.

**Nonresident Tuition Exemptions:**

1. Nonresident active duty military personnel stationed in California for a purpose other than that of attending a state-supported institution of higher learning.
2. Dependents of active military personnel stationed in California.
3. In accordance with AB540, students other than a nonimmigrant alien who attended a California high school for a minimum of three years, graduated from a California high school, or attained the equivalent, may be eligible for an exemption from the nonresident tuition fee. Persons without lawful immigration status are required to file an affidavit to verify that they have filed an application to legalize his or her immigration status, or will file an application as soon as they are eligible to do so.

**Nonresident Tuition:** \$183.00 per unit + \$4.00 per unit Non-Resident Capital Outlay. Students who are not California residents as defined by the Education Code are required to pay the non-resident tuition fee in addition to the fees described above. Please note that it is the student's responsibility to prove that he/she is a California resident.

**International Students:** Coastline is authorized by the United States Immigration Naturalization service to enroll International Students (F-1).

The faculty, students and staff of Coastline believe that our international students provide an ethnic and cultural diversity to the college and help increase the awareness and understanding of students from other countries and cultures. Conversely, we provide an opportunity for our international students to study in the United States and learn about us and our culture. Coastline uses more than 30 instructional sites in the community as classroom locations. Based on this, foreign students are reminded to make appropriate arrangements for transportation to and from classes.

Interested international students should request applications for admissions from: Linda Maynard, Le-Jao Center, 14120 All American Way, Westminster, CA 92683.

The following are entrance procedures for international students requesting F-1 status:

- Our rolling admissions process allows for acceptance to Coastline during the Fall and Spring semesters. Applicants outside the U.S. should apply at least two months prior to the start of the term. Approximate start dates: fall, in late August; spring, in late January; and summer, in mid-June. We recommend early application for the best selection of classes.
- International applicants must complete an international student admission packet including:
  1. International student application
  2. A \$30 non-refundable application fee, in U.S. dollars (check, money order, cash, or credit card) must be submitted with the application.
  3. International Student Financial Support Information Form
  4. Bank Certification Form
  5. All evidence of high school graduation or higher must be submitted. The "official" transcripts of the original records must be accompanied by a notarized English translation.
  6. TOEFL score: A minimum score of 450 (paper based) or 133 (computer-based) in order to be accepted into the regular college program. Students who plan to enroll in the English as a Second Language Institute (ESL) are not required to take the TOEFL test. To make arrangements to take the TOEFL, write to: TOEFL, Educational Testing Service, P.O. Box 592, Princeton, New Jersey, 08540. International students must designate Coastline (Institution Code 004086) as the recipient of the test results.
  7. Notice of Intent to Transfer if transferring from a college in the U.S.
  8. International students must provide proof of private health insurance during their entire course of studies at Coastline, meeting the minimum requirement of \$30,000 of health insurance.

9. International students must complete 12.0 or more units each semester with at least a 2.0 GPA while pursuing their selected academic goal.
10. The Bureau of Citizenship and Immigration Services (BCIS) restricts international students from off-campus employment for the first year of study. After the first year of study, International students are allowed to work part-time. International students must get approval from the BCIS and the vice president of student services before they can be legally employed off-campus.
11. International students pay nonresident tuition during their attendance at Coastline.

Admission materials received from international applicants remain active for 12 months after their submission. If the international applicant does not register during that 12-month period, the materials are destroyed.

**Students Holding Visas Other Than Student (F-1) Visas:** Aliens holding valid visas that are otherwise eligible for admission may enroll in classes provided that they are proficient in English and their visas do not expire before the end of the term for which they are enrolling. Contact the Admissions & Records Office for information concerning specific enrollment restrictions.

An alien who is precluded from establishing domicile in the United States shall not be classified as a resident unless and until he or she has been granted a change in status by the U.S. Citizenship and Immigration Services (USCIS) to a classification which permits establishing domicile and has met all other applicable residency requirements. Aliens considered to be nonresidents are required to pay the nonresident tuition charge, and are not eligible for tuition exemption (Education Code 68130.5).

**Coast Community College District Residence:** In order to attend Coastline, an applicant must meet the California residence requirements.

This notice has been prepared in accordance with Education Code Section 25505.5 and shall remain in effect until further written notice.

### **Sexual Assault Prevention**

Coastline Community College recognizes that sexual assault is a serious issue, and will not tolerate acts of sexual assault on district property or district-sponsored activities. The Coastline Community College District will investigate all allegations of sexual assault that occur on District property or at sponsored activities and take appropriate criminal, disciplinary or legal action, with prior consent of the victim.

Coastline is committed to its students' safety as a vital ingredient to student learning and success. Coastline encourages victims of sexual violence to report the crime.

**Coastline Community College Campus Response to Student Reports of Sexual Assault:** The following is a description of the series of coordinated actions that take place when

a Coastline student reports being the victim of sexual violence on District property or on a District-sponsored event:

1. When a victim of sexual assault is identified, he or she will be referred to the Vice President of Student Services.
2. The Vice President will conduct an assessment and report the incident to law enforcement. Referral to Student Health Services or to the Student Health Center at either Orange Coast College or Golden West College will be offered as well as community resources, specifically the designated sexual assault victim services program for Orange County.
3. If the victim takes advantage of Student Health Services, staff will assess the situation and offer care as needed, including physical and mental health care/counseling. As mandated reporters, the staff must report the incident to law enforcement. Referral to the designated Orange County sexual assault victim services program will also be offered. A follow-up call will be made by the Vice President of Student Services to assess how the victim is coping and to check if additional resources are needed to assist the victim.

### **Coast Community College District Sexual Assault Policy:**

The Coast Community College District (CCCD) Web site describes the district's policy regarding sexual assault and provides several informative links (e.g., definitions, filing a complaint, common victim reactions, resources for help and advice, etc.):

<http://www.cccd.edu/students/sexualAssault/default.aspx>

### **Student Grievance Procedures**

Coastline extends to all students the right to petition for redress of grievances. The right to petition may be initiated at any time when a student has a grievance against any employee, policy or procedure of Coastline. Grievance petitions are available in the Dean of Counseling and Special Programs office.

### **Student Records**

The Admissions office is responsible for registering students and maintaining active and permanent records. Coastline complies with the provisions of the Family Rights and Privacy Act of 1974 (Buckley Amendment) which gives the student the right to see the official school record and restricts distribution of those records.

**Active Records:** All requests for changes to a student's current class program or information on file should be made through the Admissions office, (i.e., adds to program, withdrawals from class, name and address changes, etc.).

**Cumulative Folders:** The Admissions office maintains a cumulative folder on each student who has requested transcripts from institutions of prior attendance. The folder,

containing copies of high school and college transcripts, is available to the student for review and/or for counseling appointments.

**Transcripts:** Transcripts of academic work taken at Coastline will be sent to any college or university upon the student's written request. Transcript requests may be submitted in person in the Admissions and Records office, by mail or via Internet at: [Coastline.edu](http://Coastline.edu). Allow at least five working days for processing. End of semester transcripts may be requested beginning two weeks prior to the end of the semester, and are processed approximately 10-15 working days after the semester ends. The first two requests for transcripts are free of charge, unless ordering through the Internet. Each additional transcript costs \$3. An extra fee of \$5 will be charged to students who request records to be sent within 24 hours.

**Additional Fees:** Verification of enrollment \$3, early grade letter \$2.

### Student Right to Know

In compliance with the Student Right-to-Know and Campus Security Act of 1990 (Public Law 101-542), Coastline makes its completion and transfer rates available to all current and prospective students at the following Web site:

<http://srtk.cccco.edu/index.asp>. A copy of this information may be obtained by calling Coastline's Public Relations office at 1 (714) 241-6186.

### Students' Rights

The Coast Community College District and Coastline are committed to the concept and principles of providing all persons with equal opportunity in employment and education by prohibiting discrimination based on race, color, gender, sexual orientation, religion, national origin, age, disability, or marital status. This commitment applies to every aspect of education and personnel policies and practices in the treatment of employees, students and the general public.

**Rights of Students with Disabilities:** Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA) of 1990 prohibit discrimination on the basis of disability against persons in programs or activities receiving or benefiting from federal assistance. Thus, in postsecondary education settings, Section 504 mandates "reasonable accommodation" for adults with professionally documented physical or learning disabilities. Any person with a disability who believes that he or she has been discriminated against on the basis of disability should contact: **Pat Arlington**, Americans with Disabilities Act (ADA) officer, 1 (714) 241-6173 or **Carolyn Loy**, Equal Employment officer, 1 (714) 241-6146.

**Sexual Harassment:** It is the policy of the Coast Community College District to provide an educational, employment and business environment free of unwelcome sexual advances, requests for sexual favors and other verbal

or physical conduct or communications constituting sexual harassment as defined and otherwise prohibited by state and federal statutes. It shall be a violation of this policy for anyone who is authorized to recommend or take personal or academic action affecting a student or employee, or who is otherwise authorized to transact business or perform other acts or services on behalf of or for the Coast Community College District, to engage in sexual harassment as stated in the definition. Within the Coast Community College District, sexual harassment is prohibited regardless of the status and/or relationships the affected parties may have.

Contact one of the following college administrators: **Dr. Shalomon Duke**, Dean of Counseling and Special Programs, 1 (714) 241-6257; **Carolyn Loy**, Equal Employment Officer, 1 (714) 241-6146; or **Cynthia Pienkowski**, Sexual Harassment Prevention Coordinator, 1 (714) 241-6160 for further information.

### Study Load

College work is measured in terms of the "unit." In a lecture course, a college unit is normally defined as one hour of lecture and two hours of homework per week. In a laboratory course, three hours in the classroom per week with no outside work constitutes one unit of work.

Coastline recognizes 19 units as a maximum load during the Fall and Spring Semesters and nine units during the Summer Session. (Full-time student status is achieved by completing 12 or more units during the Fall or Spring Semesters and six or more units during the Summer Session.) Students wishing to carry more than the maximum load must petition through the Counseling office and must have a cumulative GPA of 3.0 at all colleges attended. Petitions for overload must be submitted to the Counseling office at least one week prior to the beginning of the semester.

### Withdrawal From Class

A student who has officially registered assumes the responsibility by completing each course in which she/he has registered. It is the STUDENT's responsibility to officially withdraw from their course(s). To officially withdraw from a course, the student must drop via the Web site <http://myccc.coastline.edu>, by mail or in person in the Admissions and Records Office.

Although instructors may request the withdrawal of a student from a course for absences, IT IS NOT the instructor's responsibility. Students who never attended a class or stop attending a class at any time, MUST officially withdraw, according to the stated deadlines printed on the Student Class Program/Web Schedule Bill located at MyCCC. Failure to officially withdraw may result in either an "NP" or "F" grade on the official college transcript.

The following policies apply when dropping a class:

1. **No transcript entry** will be made on the transcript for students who officially withdraw prior to the end of the fourth week of the term for full semester classes (including television and independent study courses), the third week of the term for eight-week classes, and 30 percent of the class for all other courses.
2. **A “W” grade** will be assigned for students who officially withdraw prior to the end of the twelfth week of the term for full semester classes (including television and independent study courses), the sixth week of the term for eight-week classes and 75 percent of the class for all other courses.

**Failure to withdraw under one of the conditions described above will result in either an “NP or F” grade on the official college transcript.**

# Structure and Governance

**Academic Senate**

The Academic Senate represents Coastline Community College faculty concerns on academic and professional matters to the college administration and to the Board of Trustees. The Senate office is located in the College Center on the second floor. Call 1 (714) 241-6157 for information.

- President ..... Nancy Jones
- Vice President Committees..... Pedro Gutierrez
- Legislative Issues..... Jeanne Oelstrom
- Recording Secretary ..... Marilyn Fry
- Corresponding Secretary ..... Ken Leighton
- Treasurer ..... Ann Holliday
- Parliamentarian..... Cheryl Chapman

**Administrative Services**

Administrative Services provides planning and business services to college students, faculty and staff. These services include budget development and control, accounting, payroll, college facilities management, and maintenance and operations. It also oversees the operation of grants, government relations, personnel services, Equal Employment office, reception, safety and security, and Computer Services.

The office processes student requests for refunds which are approved and submitted by the Bookstore. The office also disburses student loans, scholarships and grant checks.

The Equal Employment office oversees the job-applicant screening process for the college. The goal of this office is to guarantee that the process is fair and nondiscriminatory. The college equal employment officer investigates all employee and applicant complaints of discrimination. This office also handles employee contract grievances. Call 1 (714) 241-6145 for information.

- Vice President, Administrative Services..... Vacant
- Director, Computer Services ..... Vacant
- Director, Fiscal Services ..... Christine Nguyen
- Director, Maintenance and Operations ..... David Cant
- Dean, Planning, Development and Government Relations ..... Vacant
- Director, Personnel Services and Equal Employment Officer ..... Carolyn Loy
- Coordinator, Security ..... Gary Stromlund

**Contract Education (Corporate, Workforce and Military)**

The Department of Contract Education delivers contract, fee-based, credit, non-credit, and not-for-credit programs and services to meet the unique needs of the military, workforce, corporate, industry, global and local communities. Training and educational services are offered through distance learning, or site based at our college centers, on military bases, at company locations and more.

For information about Military Programs and Services, call 1 (866) 422-2645.

For information about Corporate, Workforce and Career Services, call 1 (714) 241-4924.

- Dean, Military/Corporate Education ..... Joycelyn Groot
- Assistant Manager, Contract Education ..... Rozanne Capoccia-White
- Corporate Education/Workforce Programs Coordinator ..... Rosanne Freilich
- Director, Contract Education..... Vacant
- Manager of Military Programs, Outreach and Off-Campus Operations ..... Shawn Mann
- Manager, Military Programs/Instructional Services..... Vacant

**Instruction**

Coastline offers a comprehensive education program at times, places and in formats designed to serve the diverse needs of its students. The college's instructional program includes a full range of courses leading to an A.A. degree and/or a transfer to a four-year institution; more than 25 occupational programs preparing students to enter into or advance in the workplace; courses in basic language and mathematics skills to help students prepare for college studies or employment; special programs for students with disabilities; and a wide range of courses for those wishing to broaden their general education and acquire special skills and knowledge needed in today's fast-changing world.

Coastline offers several programs designed to serve the needs of specific community groups. The Emeritus Institute provides special study opportunities for older adults. The college's English as a Second Language (ESL) Institute assists nonnative speakers to acquire the necessary communication skills needed for daily living, employment and college study. The Student Success Center provides an opportunity for all students to improve their ability to read, write and do mathematics, and to review their skills before taking the college placement tests. Special Programs & Services for the Disabled offers

an Acquired Brain Injury (ABI) Program and programs for students with developmental disabilities. The STAR Program and Weekend College are designed for students interested in getting their degrees in as short a time as possible and Access is a daytime A.A. degree program.

Courses are offered both day and evening and on weekends to accommodate the busy schedules of Coastline students, most of whom are employed full or part time while attending the college. Coastline also provides courses on-site at local businesses and industries for the convenience of their employees as well as of the general public; it also contracts on a fee basis to provide individually designed programs for specific firms.

With more than 30 years' experience, Coastline's Distance Learning Department offers a comprehensive selection of distance learning courses for Coastline students to earn college credit and to complete their educational goals with convenience and flexibility. Distance learning courses are offered through a variety of delivery methods. Each distance learning course is academically proven, well-produced curriculum developed by college faculty, scholars, practitioners and instructional design specialists. Students interact with their instructors by telephone, fax, e-mail, electronic bulletin boards, chatrooms or in person.

**Telecourses** are pre-produced video lessons broadcast over local TV stations. Students can watch the lessons as they are aired, record lessons to watch or repeat at a more convenient time or watch the lessons at one of the Coastline Viewing Centers. The instructor conducts review sessions, administers examinations on-site and may have optional workshops. **Cablecast Courses** are locally produced lessons shown on cable TV from Coastline's Cable Television Center. For students who do not have cable access within the District, cablecast lessons are available at Coastline's Viewing Centers. Students watch their instructor's lectures, read text books and complete course assignments. The instructor administers examinations on-site. **Independent Study Courses** are specially prepared with course materials including reading materials, text books, study guides, self-paced assignments and video materials. Courses may also include CD-ROM multimedia materials, Internet access or lab kits. Although these courses are designed for students to study independently, students can interact with their instructor by telephone, fax, e-mail, electronic bulletin boards, chatrooms or in person. Examinations are administered by the instructor or a proctor on-site.

**Internet Courses** enable students to complete course work online at their own time, place and speed! The course Web site features text lectures, video clips, sound files, images, site links, assignments, online quizzes, instructor interaction, and discussion forums for student-to-student interaction. Textbooks, as well as possible multimedia and video materials, are required to complete the Internet course. Examinations are conducted on-site or proctored.

Coastline's Distance Learning Department schedules more than 200 courses during the fall and spring semesters and many courses in the summer which meet

general education requirements for an A.A. degree or certificate requirements. These are fully transferable to the California State University and University of California systems.

Coastline's faculty is comprised of more than 300 highly qualified, credentialed, full- and part-time career educators and community professionals. The faculty and staff welcome the participation of all community members in developing an educational program relevant to today's world.

In addition, students have full privileges at Golden West College and Orange Coast College Learning Resource Centers, at several public libraries and access to Coastline's Virtual Library System at: <http://library.coastline.edu>.

Coastline's goal is to provide comprehensive and state-of-the-art instruction which meets the special needs of the communities it serves.

Vice President, Instruction ..... Dr. Cheryl Babler  
 Supervisor, Instructional Services.....Vacant  
 Dean of Instruction,  
 Costa Mesa Center .....Vacant  
 Dean of Instruction,  
 Garden Grove Center ..... Dr. Joumana McGowan  
 Dean of Instruction, Le-Jao Center ..... Vinicio Lopez  
 Dean, Distance Learning..... Vince Rodriguez  
 Dean, Military & Corporate  
 Contract Education..... Joycelyn Groot

**Department Chairs** are elected every other spring. Their primary activities include acting as a liaison among and between faculty, the Academic Senate and administrators, as well as assisting deans with class scheduling, faculty evaluations, curriculum development, faculty interviews and staff development.

Accounting ..... Stephen Whitson  
 Business Computing ..... Mark Worden  
 Business/Management ..... Frederick Lockwood  
 Counseling ..... Ailene Nguyen  
 CST and Digital Media ..... Michael Warner  
 Emergency Management/Homeland  
 Security ..... Dr. Kevin Sampson  
 Gerontology/Health/PE ..... Dr. Debra Secord  
 Humanities ..... Marilyn Fry & Ken Leighton  
 International Languages..... Rosemary Miller  
 Mathematics..... Fred Feldon  
 Paralegal Studies..... Margaret Lovig  
 Performing Arts ..... Jean Proppe  
 Psychology/Parent Education ..... Jeanette Ellis  
 Science ..... Pedro Gutierrez  
 Social Science ..... Dan Johnson  
 Special Education/ABI ..... Celeste Ryan & Michelle Wild  
 Visual/Performing Arts/Digital Art ..... Desiree Devirgilio

**Instructional Systems**

**Development (ISD)**

ISD develops and markets courses as Coast Learning Systems, for use at Coastline and other educational institutions throughout the United States and around the world. These broadcast-quality, Emmy award-winning video courses are part of a sophisticated integrated learning system that includes a standard classroom textbook, telecourse student study guide, faculty manual, test bank, CD-ROM, and Internet components. Coast has produced more than 35 telecourses, including such highly acclaimed and widely used courses as Child Development: Stepping Stones, Cycles of Life: Exploring Biology, Dollars & Sense: Personal Finance for the 21st Century, Faces of Culture, Concepts in Marketing, Mastering the College Experience, Psychology: The Human Experience, Transitions Throughout the Life Span, and Universe: The Infinite Frontier.

- Executive Dean, ISD ..... Dan C. Jones
- Dean, Learning Technology
- Innovation & Support ..... Ted Boehler
- Director, Marketing ..... Lynn M. Dahnke
- Director, Production ..... Laurie R. Melby
- Director, Electronic Media & Publishing . Judy M. Garvey
- Director, Instructional Design &
- Faculty Support ..... Robert D. Nash
- Director, eLearning Research &
- Development ..... David L. Thompson

**Institutional Research**

Knowing our students and community is important to Coastline Community College. The Research Office provides support to the staff, faculty, administration, and the Student Advisory Council (SAC). Located on the second floor of the College Center in Fountain Valley, the Research Office conducts studies to assist in planning and evaluation; designs and conducts “special” studies addressing a variety of research needs (e.g., evaluation of services and grant projects); and provides assistance and guidance to faculty and staff engaged in their own research activities.

- Supervisor of Research..... Jorge Sañchez
- Research Assistant ..... Shañon Gonzalez

**President**

The President is responsible for the conduct of all college programs, functions and activities and reports directly to the chancellor of the Coast Community College District.

- President ..... Dr. Loretta Adrian

**Foundation**

Coastline Community College Foundation (CCCF) is an IRS-approved, tax-exempt, 501(c)(3) nonprofit auxiliary organization. Its goal is to support students with scholarships and provide funds for college programs and specialized services. The Foundation receives gifts of time, talent, and resources from hundreds of donors each year who are committed to changing a life . . . one student at a time.

Current giving programs include but are not limited to: Scholarships, President’s Circle, Planned Giving, and Visionary Awards. Call 1 (714) 241-6154 for information.  
 Director, College Foundation.....Mariam Khosravani

**Marketing and Public Relations**

Marketing and Public Relations serves as the communications arm of the College. The office coordinates public information activities, media and promotional efforts, and printing/publication services for the College.  
 Director, Marketing and Public Relations ....Michelle Ma

**Student Services and Economic Development**

Student Services is responsible for admissions, registration, records, transcripts, student information, international students, counseling, articulation, matriculation, guidance, Special Programs and Services for the disabled, financial aid, Extended Opportunity Programs and Services (EOPS), Student Advisory Council (SAC), career and transfer services, and the Orange County One Stop Center. It also manages student conduct and grievance procedures. Student Services maintains and provides a full range of matriculation services for students. The Economic Development arm of the College is responsible for workforce development, contract and fee-based training, and business and community outreach and employer services.

- Vice President, Student Services and
- Economic Development.....Vacant
- Dean, Counseling
- and Special Programs ..... Dr. Shalamon Duke
- Director, Admissions and Records ... Jennifer McDonald
- Administrative Director, Orange County
- One-Stop Centers .....Lois Wilkerson
- Director, Financial Aid and EOPS .... Cynthia Pienkowski
- Director, Contract Development
- and Operations.....Vacant

In accordance with requirements of DVB Circular 20-76-84, Appendix P, Paragraph 6(a), this is to certify that this catalog is true and correct in content and policy.

**Accreditation Review**

*Coastline 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.*

# Statement of Accreditation Status

**Coastline Community College**  
**11460 Warner Avenue, Fountain Valley, CA 92708-2597**  
**1 (714) 546-7600 • [www.coastline.edu](http://www.coastline.edu)**

Chief Officer..... Dr. Loretta Adrian, Ph.D., President  
Legal Status..... public, two-year institution  
Enrollment—unduplicated head count, credit only .....9,790 (Fall 2007)  
Degrees Associate in Arts  
Certificates..... 18 Technical and Career Programs  
Other Program Features ..... credit offerings through telecommunications  
Accreditation History—  
    Granted candidacy..... 1976  
    Initial accreditation ..... 1978  
    Last comprehensive evaluation..... 2007  
    Next comprehensive evaluation ..... 2012-2013  
Current status .....accredited  
Reports Required..... none  
Other Visits Required..... none  
Accepted Annual Report ..... June 2007

## Administration

### Adrian, Loretta (2010)

President  
M.A., University of the Pacific  
Ph.D., Claremont Graduate University

### Babler, Cheryl (2006)

Vice President, Instruction  
A.A., Chabot College  
B.S., M.A., California State University,  
Chico  
Ph.D., Berne University

### Bell, Evelyn (2004)

Program Supervisor, Orange County  
One-Stop Center  
A.A., Los Angeles Southwest College

### Boehler, Ted A. (1983)

Dean, Learning Technology Innovation  
and Support  
B.A., M.A., California State University,  
Long Beach  
Ph.D., Pepperdine University

### Cant, David K. (1993)

Director, Maintenance and Operations  
California State Contractors License

### Capoccia-White, Rozanne (2003)

Assistant Manager, Contract & Military  
Education Programs  
A.A., Golden West College  
B.A., California State University, Fullerton  
M.A., Chapman University

### Dahnke, Lynn M. (1998)

Director, Telecourse Marketing  
Certificate, Fundraising, University of  
Southern California  
Certificate, Sawyer College of Business

### Duke, Shalamon (2007)

Dean of Counseling and Special  
Programs  
B.A., Grambling State University  
M.A., San Diego State University  
Ed.D., University of Southern California

### Duncan, Jane E. (2005)

Program Supervisor, Orange County  
One-Stop Center  
B.S., California State Polytechnic  
University, Pomona

### Freilich, Rosanne (2009)

Manager, Corporate Education  
Workforce Program Coordinator  
B.A., California State University, Long  
Beach  
M.A., National University, San Diego

### Garvey, Judith M. (1999)

Director, Electronic Media and Publishing  
B.A., Loyola University

### Groot, Joycelyn M. (1996)

Dean, Military Contract Education  
Programs  
A.A., Orange Coast College  
B.A., National University

### Hanson, Virginia L. (1999)

Program Manager, Orange County One-  
Stop Center  
A.A., Coastline Community College

### Jones, Dan C. (1999)

Executive Dean, Instructional Systems  
Development and Center for Learning  
Technology  
A.A., Bakersfield Community College  
B.S., California State University,  
Bakersfield  
M.S., American University  
Ed.D., Nova Southeastern University

### Khosravani, Mariam (2001)

Director, College Foundation  
B.S., Regents College  
M.B.A., National University  
Certificate, Fundraising, University of  
California, Irvine

### Le, Mai T. (2004)

Program Supervisor, Orange County  
One-Stop Center  
A.A., Orange Coast College  
B.A., California State University,  
Fullerton

### Loy, Carolyn S. (1988)

Director, Personnel Services  
Certificate, Affirmative Action and Staff  
Diversity, University of California, Irvine

### Ma, Michelle K. (2005)

Director, Marketing and Public Relations  
B.S., University of Southern Indiana  
M.P.A., California State University, Long  
Beach

### Mann, Shawn (2001)

Manager, Military Program Outreach &  
Off-Campus Operations  
M.A., Central Missouri State University

### McDonald, Jennifer C. (1976)

Director, Admissions and Records  
A.A., Rancho Santiago College

### McElroy, Kevin J. (1989)

Vice President, Administrative Services  
B.A., San Diego State University  
M.P.A., California State University, Long  
Beach

### McGowan, Joumana (2007)

Dean, Career and Technical Education,  
Garden Grove Center  
A.A., Mount San Antonio Community  
College  
B.A., Cal State Polytechnic University  
M.A., University of Southern California  
Ed.D., University of Southern California

### Melby, Laurie R. (1993)

Director, Telecourse Production and  
Telemedia Services  
A.A., Rio Hondo College  
B.A., California State University,  
Fullerton  
M.A., Chapman University

### Nash, Robert D. (1993)

Director, Instructional Design and Faculty  
Support  
B.S., University of California, Berkeley  
M.S.Ed., University of Southern  
California

### Nguyen, Binh Q. (2004)

Program Assistant Manager, Orange  
County One-Stop Center  
A.A., California State University,  
Fullerton

### Nguyen, Christine P. (2000)

Director, Fiscal Services  
B.S., California State University, Long  
Beach  
M.A., University of Phoenix

### Pienkowski, Cynthia M. (1988)

Director, Financial Aid and Extended  
Opportunity Programs and Services  
A.A., Villa Maria College of Buffalo  
B.A., State University College, Buffalo  
M.Ed., State University of New York,  
Buffalo

### Rodriguez, Vincent P. (1998)

Dean, Distance Learning  
A.A., Orange Coast College  
B.S., M.A., University of Phoenix

### Sanchez, Jorge R. (2007)

Supervisor, Research  
A.A., Santa Ana College  
M.A., California State University,  
Fullerton  
M.A., University of California, Los  
Angeles  
Ph.D. University of California, Los  
Angeles

### Stromlund, Gary W. (2002)

Coordinator, Security  
A.A., Golden West College  
B.A., University of California,  
Los Angeles  
Graduate, F.B.I. National Academy  
Graduate, P.O.S.T. Command College

### Thompson, Dave (2003)

Director, eLearning Research  
& Development  
B.S., Computer Learning Center

### Wilkerson, Lois Y. (1984)

Administrative Director, Workforce and  
Economic Development, Orange County  
One-Stop Center  
A.A., Orange Coast College  
B.A., University of Redlands  
M.B.A., National University

## Faculty—Full time

### Basabe, Sandra (2008)

Instructor, Spanish  
A.A., Cerritos Community College  
B.A., California State University, Long  
Beach  
M.A., California State University, Long  
Beach

**Bauman, Jane (1989)**

Professor, Art  
B.A., Santa Clara University  
M.F.A., San Francisco Art Institute

**Berggren, Gayle L. (1978)**

Professor, Psychology  
B.A., M.A., California State University,  
Fullerton  
Ph.D., Claremont Graduate School

**Darby, Barbara J. (1983)**

Professor, Special Education  
B.A., California State University, Fullerton  
M.S., National University

**Deatherage, Velvet (2006)**

Counselor  
B.S., Linfield College  
M.A., University of Oregon

**Desmond, Deborah J. (1976)**

Professor, Special Education  
B.A., M.S., California State University,  
Long Beach

**Ellis, Jeanette (2001)**

Instructor, Psychology; Parent Education  
B.F.A., M.A. California State University,  
Long Beach

**Feldon, Fred A. (1995)**

Instructor, Mathematics  
B.A., University of California, Santa Cruz  
M.A., California State University,  
Fullerton

**Fry, Marilyn M. (1976)**

Professor, English  
A.A., University of California, Berkeley  
B.A., M.A., California State University,  
Long Beach

**Gutierrez, Pedro J. A. (2007)**

Instructor, Biological Sciences-Anatomy/  
Physiology  
B.A., Massachusetts Institute of  
Technology  
Ph.D., Stanford University

**Harwood, Glenn R. (1985)**

Professor, Speech, English  
B.A., M.A., California State University,  
Long Beach  
Ph.D., University of Oregon

**Holliday, Ann B. (1982)**

Professor, Special Education, Advisor/  
Student Leadership  
B.A., United States International  
University

**Hollinden, Jody K. (1983)**

Instructor, Special Education  
B.A., California State University, Long  
Beach  
M.A., United States International  
University

**Jenkins, Nancy Soto (1990)**

Professor, Counselor  
A.A., El Camino College  
B.A., California State University,  
Dominguez Hills  
M.A., Loyola Marymount University

**Johnson, Daniel J. (2007)**

Professor, History  
B.A., University of California, San Diego  
M.A., Ph.D., University of California, Los  
Angeles

**Jones, Nancy S. (1994)**

Professor, Computer Services  
Technology  
B.S., Oral Roberts University  
M.A., California State University,  
Fullerton

**Kuntzman, Linda E. (1980)**

Professor, English as a Second  
Language  
B.A., Augustana College  
M.A., Ph.D., University of Hawaii

**Lee, Lisa Shiu-Ing (2001)**

Professor, Mathematics  
B.S., California State University,  
Dominguez Hills  
M.S., California State University,  
Northridge

**Leighton, Kenneth A.J.  
(1996)**

Professor, English  
B.A., University of California, Berkley  
M.A., California State University, Long  
Beach

**Lockwood, Frederick (2009)**

Instructor, Business  
B.S., California State University,  
Northridge  
M.B.A., California State Polytechnic  
University, Pomona

**Lovig, Margaret M. (1976)**

Professor, Paralegal Studies  
A.A., Orange Coast College  
B.V.E., California State University, Long  
Beach  
Paralegal Certificate, University  
Southern California

**Marcus, Ted (2005)**

Professor, Chemistry  
B.S., University of Alexandria  
M.S., Ph.D., University of California,  
Santa Barbara

**Montague, Judy K. (1980)**

Professor, English as a Second  
Language  
B.A., University of California, Irvine  
M.A., United States International  
University

**Nguyen, Ailene (1998)**

Professor, Counselor  
A.A., Golden West College  
B.S., California State University, Long  
Beach  
M.A., National University

**Nguyen, Christina (2005)**

Counselor  
B.A., California State University, Long  
Beach  
M.A., National University

**Peterson, Kimberly A. (1989)**

Counselor, Special Programs  
B.A., M.S., University of Southern  
California

**Preciado, Anita G. (1989)**

Professor, English as a Second  
Language  
B.A., California State University,  
Dominguez Hills  
M.A., Azusa Pacific University

**Primich, Sue A. (1986)**

Professor, Counselor  
B.A., Western Michigan University  
M.S., California State University,  
Fullerton

**Roewn, Malinni (2004)**

Instructor, Mathematics  
B.S., California State University, Long  
Beach  
M.S., California State University, Long  
Beach  
Ph.D., Argosy University, Santa Ana

**Ryan, Celeste S. (1981)**

Professor, Special Education  
B.A., M.S., California State University,  
Long Beach

**Secord, Debra A. (1978)**

Professor, Health, Social Science  
B.A., M.S., Ph.D., University of Southern  
California

**Shelley, Karen (Kate) M.  
(2000)**

Instructor, Digital Art  
B.S., State University College, Buffalo,  
N.Y., Siena, Italy  
M.S., State University College, Buffalo,  
N.Y.

**Stewart, Cheryl (2001)**

Librarian, Associate Professor  
B.S., California State University,  
Dominguez Hills  
M.LIS., San Jose State University

**Taylor, Margaret H. (1976)**

Professor, Office Automation Careers,  
English, Computer  
A.A., Victor Valley College  
B.V.E., California State University, Long  
Beach

**Teregis, Tracy L. (1985)**

Instructor, Special Education  
B.A., California State University, Long  
Beach  
M.S., National University

**Tsutsumida-Krampe, Lorraine M. (1986)**

Professor, English as a Second Language  
A.A., Phoenix College  
B.A., M.A., Arizona State University

**Warner, Michael (1999)**

Professor, Computer Services Technology  
A.A., Orange Coast College  
B.A., California State University, Long Beach

**Warwick, Randall J. (1991)**

Professor, Biology  
A.S., San Francisco City College  
A.B., University of California, Berkeley  
M.S., University of California, Los Angeles

**Wild, Michelle R. (1987)**

Professor, Special Education, Computers, Education  
B.A., M.A., California State University, Fullerton

**Winterbourne, Susan (2001)**

Professor, Counselor  
B.S., California Poly University  
M.S., California State University, Fullerton

**Yeh, Ning (1977)**

Professor, Art  
B.A., National Chengchi University, Taiwan  
M.A., California State University, Fresno  
Ph.D., Claremont Graduate School

**Faculty—Part Time and Temporary****Adler, Roberta**

Instructor, Special Programs

**Ahlman, Mary**

Instructor, English as a Second Language

**Akamine, Karen**

Instructor, Art

**Allen, Stacey**

Instructor, Sociology

**Amito'elau, Sylvia**

Instructor, Business Computing

**Ambriz, Aurora**

Counselor

**Andruss, Kathleen**

Assistant Professor, Physical Education

**Aprile, Judy**

Instructor, Physical Education, Special Education

**Ardolino, Maureen**

Instructor, Special Education

**Arlington, Patricia**

Instructor, Business Computing

**Armendariz, Patricia**

Instructor, English as a Second Language

**Atallah, Joseph**

Instructor, Accounting

**Aubry, Michael**

Instructor, Business

**Bai, Hannah**

Instructor, Business Computing, Computer Services Technology

**Bailly, Jennifer**

Instructor, Economics

**Baitoo, Hilda**

Instructor, Digital Graphics Applications

**Barnes, R. Ted**

Professor, Psychology, Philosophy

**Barnes, Stephen**

Instructor, Paralegal Studies

**Barrett, Debra**

Instructor, Special Programs

**Basford, Sean**

Instructor, Business

**Beaver, Dorothy**

Instructor, English as a Second Language

**Belanger, Albert**

Instructor, Health

**Betz, Paul**

Instructor, Process Technology

**Blackburn, Robert**

Counselor

**Blackman, Darin**

Instructor, Computer Services Technology

**Boddie, Richard**

Instructor, Political Science

**Boehler, Connie**

Professor, Physical Education

**Borcoman, K. Douglas**

Instructor, Philosophy

**Bouley, Harold**

Instructor, Real Estate

**Brock, Marilyn V.**

Instructor, English

**Brown, Debra**

Professor, Paralegal Studies

**Bund, Stefan**

Instructor, Business Computing

**Calcanas, Christina**

Instructor, Special Education

**Caldwell, Avery**

Instructor, Business Computing, Digital Graphics Applications

**Candelaria, Patricia**

Professor, Spanish

**Cao, Thomas**

Instructor, Mathematics

**Capocciamma, John**

Instructor, Computer Services Technology

**Carlucci, Michael**

Instructor, Communications

**Carpenter, Linda**

Associate Professor, English, Humanities, Speech

**Cast, Steven**

Instructor, Biology

**Caterina, Amy**

Instructor, Digital Graphics Applications

**Chabra, Shashi**

Instructor, Special Education

**Chambers, Malcolm**

Instructor, Real Estate

**Chambers, Thomas**

Instructor, Political Science

**Chang, Yu-An**

Instructor, Chemistry

**Chapman, Cheryl**

Professor, Digital Graphics Applications, Education

**Chard-Yaron, Sharon**

Professor, Counseling, Education

**Chase, Suzanne**

Instructor, English as a Second Language

**Chen, Donna**

Counselor

**Chen, Eric**

Instructor, Computer Services Technology

**Chow, Brian**

Instructor, Accounting

**Churgel, Marlene**

Professor, English as a Second Language

**Cisneros, Mark**

Instructor, Mathematics

**Clark, John**

Instructor, Photography

**Cole, Maureen**

Instructor, Special Education

**Collins, Clint**

Instructor, Special Education

**Cooper, David**

Instructor, Business Law

**Covert, Robert**

Professor, Philosophy

**Cratty, William**

Instructor, Music

**Crawfis, Robert**

Associate Professor, Business Law

**Crowley, Erin**

Instructor, Special Education

**Cummins, Megan**

Instructor, Economics

**Curtis, Michael**

Instructor, Marine Science

**Dalbey, Elizabeth**

Instructor, English as a Second Language

**Davis, Georgette**

Instructor, English as a Second Language

**Davis, Loretta**

Instructor, English as a Second Language

**Davis, Penny**

Instructor, English

**Dawes, Arthur**

Instructor, Business Computing, Computer Services Technology

**DeCarlo, Joseph**

Professor, Real Estate

**DeVirgilio, Desiree**

Instructor, Art

**DeVoe, Todd**

Instructor, Emergency Management

**DeWitt, Megan**

Instructor, Psychology

**DeWitt, Stanley**

Instructor, Music

**DelCarmen, George**

Instructor, Business

**Diaz-Brown, William**

Instructor, History

**Dietrich, Phillip**

Instructor, Mathematics

**Do, Anh**

Counselor, Career Education

**Do, Anhvy**

Instructor, English as a Second Language

**Don, Rachel**

Instructor, English as a Second Language

**Doren, Ricia**

Instructor, English as a Second Language

**Doyle, John**

Instructor, Human Services, Philosophy

**Drew, Stefanie**

Instructor, Psychology

**Dye, David**

Instructor, Physical Education

**Eber, Loraine**

Instructor, Gerontology

**El-Ahraf, Amer**

Instructor, Arabic

**Elbettar, Jay**

Instructor, Building Codes Technology

**Ely, Cynthia**

Instructor, Business Computing, Accounting

**Escobar, Dora**

Instructor, Counseling

**Estrada, Maria**

Instructor, Counseling

**Everett, Michael**

Instructor, Mathematics

**Farr, Jon Scott**

Instructor, Music

**Farrington, Brenda**

Instructor, History

**Feiner, Henri**

Professor, Mathematics

**Fitzgeorge, Brenda**

Professor, Special Education

**Flores, Robert**

Instructor, Physical Education

**Forbes, Junko**

Instructor, Mathematics

**Freeman, W. David**

Instructor, History

**Fuller, David**

Instructor, Paralegal Studies

**Gabela, Jose**

Instructor, Business

**Gandall, Beverly**

Instructor, English as a Second Language

**Garvin, Timothy**

Instructor, History

**Gettinger, Amy**

Instructor, English as a Second Language

**Giancarlo, Jennifer**

Instructor, Biology

**Gill, Tina**

Instructor, Business

**Go, Marianne**

Instructor, Sociology

**Godfrey, Donald**

Instructor, Building Codes Technology

**Goodin, M. Lynn**

Instructor, Art

**Gundy, Helen**

Instructor, Chemistry

**Gustaveson, Valerie**

Professor, English as a Second Language

**Haas, Roland**

Professor, Art

**Hall, Leva**

Professor, English

**Hampton, Jancy**

Associate Professor, Dance

**Harrington, Julie**

Instructor, Spanish

**Hart, John**

Instructor, Business, Communications

**Hazard, Sue**

Instructor, Physical Education

**Henry, Charles**

Instructor, Business

**Henry, Deborah**

Instructor, Biology

**Hernandez, Christina**

Instructor, Dance

**Hernandez, Marcela**

Counselor

**Herrera, Patrick**

Instructor, Spanish

**Hoekstra, Thomas**

Instructor, Accounting, Business

**Hogan, Mikel**

Instructor, Anthropology, Human Services

**Howe, Sonja**

Instructor, Physical Education

**Hurst, Geoff**

Instructor, Computer Services  
Technology

**Igoudin, Alex**

Instructor, English as a Second  
Language

**Ildelfonso, Nelson**

Instructor, Accounting

**Irvin, Teresa**

Instructor, Emergency Management

**Isbell, Donald**

Instructor, Computer Services  
Technology

**Jaber, Jihad**

Instructor, Mathematics

**James, Scott**

Instructor, Psychology

**Jarmin, Margie**

Instructor, English as a Second  
Language

**Jewell, Randall**

Instructor, Process Technology

**Johnson, Jeffrey**

Instructor, Biology

**Jones, Julie**

Instructor, English as a Second  
Language

**Kabaji, Noha**

Instructor, English

**Kahn, Kathy**

Instructor, Dance

**Keefer, Sherry**

Instructor, English as a Second  
Language

**Kelsey, David**

Instructor, Philosophy

**Kempe, Gladys**

Instructor, English as a Second  
Language

**Kepler, Marc**

Instructor, English as a Second  
Language

**Kerr, Jeff**

Instructor, Computer Services  
Technology

**Khambatta, Zubin**

Instructor, Computer Services  
Technology

**Khan, Mahbubur**

Instructor, Physics

**Kobata, Sarah**

Instructor, Counseling  
Coordinator of Banking for College  
Program

**Kosbab, Tina**

Instructor, Special Education

**Kroll, Stephen**

Instructor, Accounting

**Kuang, Jessica**

Instructor, Mathematics

**Kurz, Sally**

Professor, Business Computing

**Lam, Jenny**

Instructor, Mathematics

**Lee, Scott**

Counselor

**Lee, Sheryl**

Instructor, English as a Second  
Language

**Lembke, Phyllis**

Instructor, Psychology

**Letterman, Bryce**

Instructor, Paralegal Studies

**Leung, Helen**

Counselor

**Levenshus, Joshua**

Instructor, Speech

**Levy, Andrew**

Instructor, Theater

**Lieu, Thanh-Thuy**

Instructor, Mathematics

**Litman, Todd**

Instructor, Paralegal Studies

**Loester, Karen**

Instructor, English as a Second  
Language

**Long, Barbara**

Professor, Business Computing

**Lopez, Ellen**

Instructor, Emergency Management

**LoSasso, Mary**

Instructor, Special Education

**Lowther, Gene**

Instructor, Business

**Maccoun, Wendy**

Instructor, English as a Second  
Language

**Maharaj, Peter**

Instructor, Computer Information  
Systems, Computer Services Technology

**Man, Georgina Ching To**

Instructor, English as a Second  
Language

**Maniaci, Vera**

Instructor, Italian

**Mann, Claire**

Instructor, Psychology

**Marks, Karen**

Instructor, Human Services

**Marquez, Gilbert**

Instructor, Digital Graphics Applications

**Martenuk, Stephen**

Instructor, Computer Services  
Technology

**Masters, Melinda**

Instructor, Special Education

**Matar, Mike**

Instructor, Business

**Maynard, Linda**

Instructor, English as a Second  
Language

**McCliman, Michelle**

Instructor, Paralegal Studies

**McClure, Helen**

Professor, Counselor

**McGeoch, Norma**

Instructor, English as a Second  
Language

**McLaughlin, Marta**

Instructor, Special Education

**McNamara, John**

Instructor, Geology

**Mefford, Christopher**

Instructor, English as a Second  
Language

**Menchaca, Jessica**

Instructor, Special Education

**Mendoza, Jaime**

Instructor, English as a Second  
Language

**Menzing, Todd**

Instructor, History

**Mielke, Tammy**

Instructor, Psychology

**Miller, Rosemary**

Professor, Spanish

**Mims, Brian**

Counselor

**Mohr, Cheryl**

Instructor, English as a Second  
Language

**Morehouse, Karen**

Instructor, English

**Morin, Linda**

Instructor, Emergency Management

**Mozell, Harold**

Instructor, English as a Second Language

**Najera, Michael**

Instructor, History

**Nguyen, David**

Instructor, Vietnamese

**Nguyen, Diem Thanh**

Instructor, Mathematics

**Nguyen, Frances**

Instructor, Business

**Nguyen, Ky**

Instructor, English as a Second Language

**Nguyen, Lien Kara**

Counselor

**Nguyen, Scott**

Instructor, Biology

**Nguyen, Steve**

Counselor

**Nichols, Kristen**

Instructor, English

**Nusrat, Rehana**

Instructor, English as a Second Language

**Oelstrom, Jeanne**

Professor, Business

**Offenhauser, Tyler**

Instructor, Paralegal Studies

**Ondracek, Ted**

Instructor, Business

**Ozborn, Katherine**

Instructor, English

**Palmer, Catherine**

Professor, English

**Parent, Nancy**

Professor, Health Education

**Parsell, Jill**

Instructor, Biology

**Pasino, James**

Instructor, Special Education

**Pastel, Fay**

Instructor, Physical Education

**Pecoraro, Michaelene**

Instructor, Special Education

**Petri, Michael**

Instructor, Political Science

**Petropoulos, Mary**

Instructor, Sociology

**Platfoot, Shirley**

Instructor, Special Education

**Pourreza, Atousa**

Instructor, Biology

**Powell, Rita**

Professor, Career Education

**Proppe, Jean**

Instructor, Music

**Quast, Gerald**

Instructor, Building Codes Technology

**Ratzlaff, Duane**

Instructor, English as a Second Language

**Reisch, Carla**

Instructor, Music

**Revilla, Candace**

Instructor, English as a Second Language

**Rewers, Keven**

Instructor, Business Computing

**Richter, Otto**

Instructor, Astronomy

**Riley, Kevin**

Instructor, Computer Services Technology

**Rives, Nick**

Instructor, Accounting

**Rodriguez, Lisa**

Instructor, Anthropology

**Rogoff, Meri**

Professor, English

**Ruhle, James**

Instructor, Geology

**Ruppert, Kelly**

Instructor, Geology

**Rutledge, Darius**

Instructor, Health

**Sabha, Fayruz**

Instructor, English as a Second Language

**Sagen, Arthur**

Professor, Art

**Sak, Kathleen**

Instructor, Biology

**Sallee, Mark**

Instructor, Building Codes Technology

**Salminen-Karamitros, Katri**

Instructor, French

**Sampson, Kevin**

Instructor, Criminal Justice, Emergency Management/Homeland Security

**Sanders, Susan**

Instructor, English, Humanities

**Satow, Jing-Fang**

Instructor, Chinese

**Sayasy, Ny Khen**

Instructor, Business Computing

**Schindelbeck, Judy**

Professor, Food & Nutrition

**Scoggin, Sally**

Instructor, English as a Second Language

**Semer, Lynn**

Instructor, Special Education

**Seyster, Barry**

Instructor, English as a Second Language

**Shepard, Sue**

Instructor, Special Education

**Shi, Nigie**

Instructor, Mathematics

**Shibata, Sharon**

Instructor, English as a Second Language

**Shiring, Richard**

Professor, Mathematics

**Siefkes, Ashlie**

Instructor, Speech

**Sims, Pamela**

Instructor, English

**Sinclair, Anita**

Instructor, Art

**Sleep, Katherine**

Instructor, English as a Second Language

**Sliff, Robert**

Instructor, Philosophy

**Smith, Ronald**

Instructor, Process Technology

**Smith, Tamara**

Instructor, American Sign Language

**Snetsinger, Peter**

Professor, History, Political Science

**St. John, Paul**

Instructor, Accounting

**Stachelski, Barbara**

Instructor, Special Education

**Steddum, Michelle**

Instructor, Accounting

**Stillings, Lisa**

Instructor, Accounting

**Strauss-Thacker, Esther**

Professor, English

**Stubblefield, Katie**

Instructor, Special Education

**Sullivan, M. Christine**

Professor, Art

**Syed, Erum**

Instructor, Biology

**Takacs, Marcia**

Instructor, English as a Second Language

**Talmage, Dorrie**

Instructor, Biology

**Tamondong, Rebecca**

Instructor, English as a Second Language

**Terry, Brenda**

Instructor, Business Computing

**Terry, Ladd**

Instructor, Art

**Thaler, Timothy**

Professor, Accounting

**Thayer, Karen**

Instructor, Art

**Torrini, Lynn**

Professor, Art

**Tran, Chau**

Instructor, Mathematics

**Tran, Dung**

Instructor, Vietnamese

**Tran, Toan**Instructor, Business Computing  
Computer Information Systems**Van Beek, Milo**

Instructor, English as a Second Language

**Vayo, Sunshine**

Instructor, Economics

**Velazquez, Victor**

Instructor, French

**Villalobos, Jose**

Instructor, Mathematics

**Vo, Son**

Instructor, Vietnamese

**Wahba, Remon**

Instructor, Biology

**Walker, Heather**

Instructor, Art

**Walker, Kirk**

Instructor, Health

**Walker, Lynn**

Instructor, English as a Second Language

**Waller, Ellis**

Instructor, Gerontology

**Walling, Diane**

Professor, Art

**Ward, Michael**

Instructor, Physical Education

**Washington, Warren**

Instructor, Sociology

**Watson, Katherine**

Professor, French

**Watts, Susan**

Instructor, Paralegal Studies

**Wegter, Rachel**

Instructor, Speech

**Wen, Zhong Edward**

Instructor, Chemistry

**West, Ruth**Instructor, Computer Services  
Technology**Whitson, Stephen**

Instructor, Accounting

**Windsor, Adrian**

Professor, English

**Woodruff, Sandra**

Instructor, English as a Second Language

**Worden, Mark**

Instructor, Business Computing

**Wrobel, Alfred**

Instructor, History

**Yazan, Ozkan**

Instructor, Biology

**Yee, Lauren**

Instructor, Counseling

**Yue, Amy**

Instructor, English as a Second Language

**Staff****Agag-Maxwell, Diana**

Workforce Specialist, One-Stop Center

**Aguirre, Isaiah**

Public Information Assistant I, Public Relations

**Aistrich, Darian**

Project Coordinator, Planning and Development

**Ajbani, Minal**

Accounting/Fiscal Specialist, Fiscal Services

**Alatorre, Patricia**

Workforce Specialist, One-Stop Center

**Amito'elau, Sylvia**

Educational Media Designer Military Programs, Instructional Systems Development

**Arellano, Cristina**

EOPS Recruitment Technician, Extended Opportunity Programs and Services

**Arroyo, Gabe**

Maintenance and Operations Lead, Maintenance and Operations

**Arroyo, Judith**

Typist Clerk, Intermediate, Costa Mesa Center

**Atuatasi, Fred**

WIA Support Clerk, One-Stop Center

**Au, Duc**

WIA Support Clerk, One-Stop Center

**Bailey, Marilyn**

Typist Clerk, Intermediate, Le-Jao Center

**Barber, Shaunick**

Staff Aide, Personnel Services

**Barry, Nancy**

Accounting Assistant III, Admissions and Records

**Berry, Cynthia**

Area Facilitator, Garden Grove Center

**Blake, Suzanne**

Staff Assistant, Special Programs and Services for the Disabled

**Blankson, Araba**

Military/Contract Education Technician, Intermediate, Contract Education

**Bledsoe, Katherine**

Typist Clerk, Intermediate, Costa Mesa Center

**Borja, Sergio**

Admissions and Records Technician II, Admissions and Records

**Boyle, Robin**

Military/Contract Education Technician, Intermediate, Military Education Programs

**Brahmbhatt, Ravindra**

Workforce Specialist, One-Stop Center

**Caluag, Elizabeth**

Instructional Associate, Le-Jao Center

**Cavella, Penny**

Bookstore Operations Assistant,  
Bookstore

**Cervantes, Rachel**

Admissions and Records Technician III,  
Admissions and Records

**Chan, John**

Campus Security Officer, Maintenance &  
Operation

**Chapman, Robyn**

Staff Assistant, Foundation

**Chotima, Poomchai**

Instructional Associate/Basic Skills Lab,  
Le-Jao Center

**Clark, Wendy**

Military/Contract Education Technician,  
Intermediate, Military Education  
Programs

**Clausen, Carolyn**

Staff Aide, Career & Workforce  
Assessment Center, Contract Education

**Cline, James**

Information Systems Technician II,  
Computer Services

**Coker, Paula**

Foundation Office Assistant, Foundation

**Collins, Shirley**

Computer Support Specialist I,  
Computer Services

**Conlisk, Karen**

Contract Education Staff Aide, Contract  
Education

**Cruz, Baltazar**

Custodian, Maintenance and Operations

**Curren, Alice**

Bookstore Operations Assistant,  
Bookstore

**Daniel, Marion**

Military/Contract Education Technician,  
Military Education Programs

**Dasig, Jr., Alfred**

Custodian, Senior, Maintenance and  
Operations

**DeBattista, Janice**

Area Facilitator, Le-Jao Center

**De La Rosa, Jennifer**

Military/Contract Education Technician  
III, Contract Education

**Dixon, Robert**

Instructional Systems Development  
Programmer, Instructional Systems  
Development

**Donahue, Kevin**

Staff Assistant, Distance Learning

**Drake, Rena**

Workforce Specialist, One-Stop Center

**Drennen, Pamela**

Military/Contract Education Staff Aide,  
Contract Education

**Durkee, Dolores**

Eligibility Technician, One-Stop Center

**Eldridge, Keven**

Workforce Specialist, One-Stop Center

**Ellis, Cassie**

Eligibility Technician, One-Stop Center

**Evans, Jeffrey**

Maintenance Semi-Skilled, Maintenance  
and Operations

**Evans, Neal**

Systems/Network Analyst II, Computer  
Services

**Flores, Ralph**

Campus Security Officer, Maintenance  
and Operations

**Follis, Diane**

Staff Specialist, Instructional Systems  
Development

**French, Ann**

Military Programs Testing Specialist,  
Distance Learning

**Furlong, Kimberly**

Receptionist, College Center

**Garcia, Nick**

Groundskeeper III, Maintenance and  
Operations

**Genova, Lori**

Developmental Disabilities Program  
Assistant, Special Programs and  
Services for the Disabled

**Giaconia, John**

Information Systems Technician II,  
Telemedia Services

**Giordano, Trudie**

Workforce Specialist, One-Stop Center

**Gomez, Angela**

Military/Contract Education Technician,  
Intermediate, Military Education  
Programs

**Gonzalez, Shañon**

Research Analyst, Senior, Research

**Gould III, Harry**

Contract Education Production Editor,  
Instructional Systems Development

**Gracia, Esequiel**

Corporate Developer, One-Stop Center

**Grane, Beth**

Area Facilitator, Costa Mesa Center

**Graves, Ashley**

Military/Contract Education Technician,  
Intermediate, Military Education  
Programs

**Guray, Minerva**

Military/Contract Education Technician,  
Military Education Programs

**Ha, Tran**

Accounting Technician, Fiscal Services

**Hargrove, Leslie**

Administrative Specialist, One-Stop  
Center

**Harguess, Dale**

Accounting Technician, Senior,  
Computer Services

**Harner, James**

Workforce Specialist, One-Stop Center

**Harrison, Nathaniel**

Contract Education Operations  
Coordinator, Senior, Contract Education

**Hauri, Gail**

Workforce Specialist, One-Stop Center

**Hayes, Laura**

Military/Contract Education Technician,  
Intermediate, Contract Education

**Hein, Jerry**

Multimedia Production Specialist,  
Telemedia Services

**Hill, Elaine**

Telecourse Marketing Coordinator,  
Instructional Systems Development

**Ho, Charlene**

Financial Aid Technician, Financial Aid

**Hou, Anthony**

Workforce Specialist, One-Stop Center

**Hulett, Marie**

Contract Education Video Production  
Coordinator, Instructional Systems  
Development

**James, Teresa**

Staff Aide, Distance Learning

**Jensen, Kathryn**

Workforce Specialist, One-Stop Center

**Jones, Jeffrey**

Campus Security Officer, Maintenance &  
Operation

**Jones, Shirley**

Military/Contract Education Technician  
Intermediate, Military Education  
Programs

**Juno, Thomas**

Information Systems Technician, Senior,  
Computer Services

**Karr, Beverly**

WIA Support Clerk, One-Stop Center

**Katz, Linda**

Military/Contract Education Staff Aide,  
Military Education Programs

**Kelly, Patrick**

Maintenance, Skilled, Maintenance and  
Operations

**Kennedy, Ann**

Workforce Specialist, One-Stop Center

**Keough, Janell**

Military/Contract Education Application  
Project Coordinator, Contract Education

**Kilayko Cruz, Sheila**

Administrative Assistant to the Vice  
President, Student Services

**Kistler, John**

Maintenance, Skilled, Maintenance and  
Operations

**Krasney, Isabelle**

Corporate Relations Executive, One-  
Stop Center

**Le, Jenny**

Military/Contract Education Technician,  
Intermediate, Contract Education

**Le, Kristen**

Staff Assistant - Special Projects,  
President's Office

**Lee, Jeanette**

Graphic Designer, Graphics and  
Publications

**Lewis, Deborah**

Workforce Specialist, One-Stop Center

**Lopez, Rachelle**

Staff Aide, Incarcerated Student  
Program

**Lubanski, Donna**

Administrative Assistant to the Vice  
President, Office of Instruction

**Maharaj, Peter**

Internet Services Coordinator, Public  
Relations

**Mai, Maria**

Admissions and Records Specialist,  
Admissions and Records

**Marin, Iliana**

Grant Project Assistant, Garden Grove  
Center  
Martinez, Carlos  
Job Center Clerk, One-Stop Center

**Martinez, Tannia**

Military Contract Education Technician,  
Intermediate, Contract Education

**McCullom, Dorothy**

Staff Assistant, Instructional Systems  
Development

**McCord, Diane**

Workforce Specialist, One-Stop Center

**McKindley, Katherine**

Staff Specialist, Maintenance and  
Operations

**Mellor, Linda**

Staff Specialist, One-Stop Center

**Mihatov, Steven**

Information Systems Technician, Senior,  
Computer Services

**Miles, Susie**

Counselor Aide, Counseling and  
Guidance

**Moon, Bill**

Bookstore Shipping and Receiving  
Clerk, Bookstore

**Moulton, Janette**

Financial Aid Specialist, Financial Aid

**Needham, Carol**

Receptionist, College Center

**Nguyen, JohnPaul**

Counseling & Guidance Office  
Operations Coordinator, Counseling and  
Guidance

**Nguyen, Kim**

Instructional Associate, ESL, Le-Jao  
Center

**Nguyen, Kimlan**

Military/Contract Education Technician I,  
Contract Education

**Nguyen, Minh**

WIA Support Clerk, One-Stop Center

**Nguyen, Thomas**

Offset Press Operator III, Graphics and  
Publications

**Nguyen, Trang**

Accounting Assistant III, Fiscal Services

**Nibeel, Anna**

Military/Contract Education Technician  
Intermediate, Contract Education

**Nibeel, Deborah**

Staff Assistant Senior, Personnel  
Services

**O'Steen, Kelly**

Admissions and Records Technician II,  
Admissions and Records

**Perdue, Brenda**

Staff Assistant, Office of Instruction

**Perez, Arturo**

Groundskeeper III, Maintenance and  
Operations

**Pham, Hai**

Information Systems Technician II,  
Computer Services

**Pham, Jonathan**

Workforce Specialist, One-Stop Center

**Phan, Sheena**

Accounting Assistant III, Extended  
Opportunity Programs and Services

**Phomprasack, Tracee**

Military/Contract Education Technician,  
Intermediate, Contract Education

**Pok-Bruno, Thida**

Workforce Specialist, One-Stop Center

**Poush, Irene**

Typist Clerk, Intermediate, Le-Jao Center

**Quach, Helen**

Military Program Course Assistant I,  
Distance Learning

**Ramon, Diana**

Secretary, Administrative, Graphics and  
Publications

**Rewers, Keven**

Instructional Associate/Computer Lab,  
Garden Grove Center

**Rhoades, Victoria**

Workforce Specialist, One-Stop Center

**Riley, Richard**

Custodian, Senior, Maintenance and  
Operations

**Rivera, Irma**

WIA Support Clerk, One-Stop Center

**Rodriguez, Jodi**

Telecourse Marketing Coordinator,  
Instructional Systems Developer

**Rogers, Stephani**

Military/Contract Education Technician  
III, Military Education Programs

**Rojas, Mario**

Custodian, Senior, Maintenance and  
Operations

**Romeo, Erika**

Military/Contract Education Technician,  
Intermediate, Admissions and Records

**Rose, Lynn**

Military/Contract Education Technician,  
Military Education Programs

**Rusamiprasert, Laila**

Receptionist, College Center

**Sacket, Wendy**

Electronic Media Publishing Project  
Coordinator, Instructional Systems  
Development

**Salcedo, Veronica**

Staff Assistant, Instructional Systems  
Development

**Santoro, George**

Offset Press Operator III, Graphics and Publications

**Sayasy, Khen**

Accounting Analyst, One-Stop Center

**Siu, Anna**

Program Compliance Assistant, One-Stop Center

**Spencer, Shirley**

Administrative Assistant to the Vice President, Administrative Services

**Spoja, Caroline**

Staff Specialist, Assessment Center

**Stewart, Kerry**

Contract Education Application Programmer Analyst Assistant, Contract Education

**Strube, Kathy**

Graphic Designer, Graphics and Publications

**Suos, Soronit**

Workforce Specialist, One-Stop Center

**Susanto, Agustinus**

Accounting Technician, Fiscal Services

**Swancutt, Laureen**

Executive Assistant to the President, President's Office

**Ta, Cindy**

Military Program Course Assistant I, Distance Learning

**Tetnowski, Deborah**

Systems Analyst Special, Admissions and Records

**Tiongco, Lanie**

Workforce Specialist, One-Stop Center

**Tran, Celicia**

Instructional Aide - ESL, Le-Jao Center

**Tran, Chau**

Military/Contract Education Technician, Intermediate, Military Education Programs

**Tran, Karen**

Admissions and Records Technician III, Admissions and Records

**Tran, Khoi**

Admissions and Records Technician II, Admissions and Records

**Tran, Tiffany**

Instructional Associate - ESL, Le-Jao Center

**Tran, Toan**

Instructional Systems Development Programmer, Instructional Systems Development

**Tran, Tom**

Workforce Specialist, One-Stop Center

**Tran, Vinh**

Workforce Specialist, One-Stop Center

**Tran-Nguyen, Martha**

Workforce Specialist, One-Stop Center

**Trejo, Anthony**

Groundskeeper II, Maintenance and Operations

**Truax, Linda**

Child Care Center Assistant, Costa Mesa Center

**Valle, Erica**

Staff Assistant, Special Programs and Services for the Disabled

**Vargas, Adrian**

Custodian, Maintenance and Operations

**Vaughan, Marie**

Staff Aide, Instructional Systems Development

**Vega-Gutierrez, Luz**

WIA Support Clerk, One-Stop Center

**Ventura-Gomez, Lazaro**

Custodian, Maintenance and Operations

**Vinalay de Ramirez, Juana**

Custodian, Maintenance and Operations

**Vinh, Tho**

Web/Multimedia Programmer, Distance Learning

**Vu, Thien**

Electronic Media and Curriculum Publishing Assistant, Instructional Systems Development

**Wang, Jocelyn**

Special Projects Budget Clerk, One-Stop Center

**Ward, Helen**

Staff Assistant, Student Services

**West, Tammy**

Accounting Assistant III, Financial Aid

**Williams, Doug**

Information Systems Technician II, Computer Services

**Wojciechowski, Danny**

Accounting Analyst, Fiscal Services

**Wojciechowski, Linda**

Electronic Media and Publishing Assistant Senior, Instructional Systems Development

**Wombold, Connie**

Division/Area Office Coordinator, Garden Grove Center

**Wood, Lori**

Workforce Specialist, One-Stop Center

**Worden, Mark**

Web/Multimedia Designer - Military Programs, Instructional Systems Development

**Xa, Quan**

Financial Aid Technician, Financial Aid

**Xa, Tina**

EOPS Care Specialist, Extended Opportunity Programs and Services

**Zaki, Shohair**

Seaport Learning Management System Analyst/Programmer Instructional Systems Development (ADD)

**Yanalunas, Margaret**

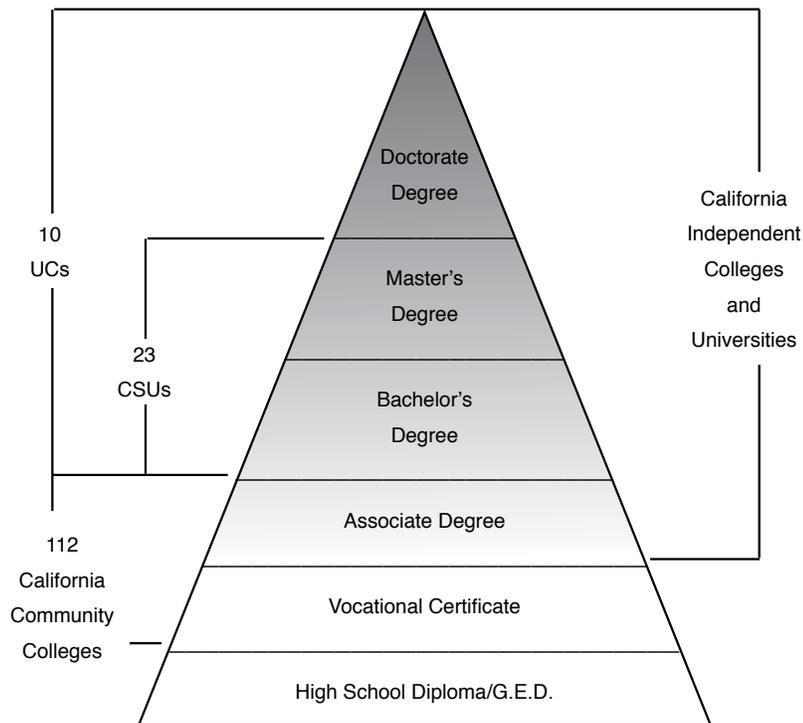
Educational Media Designer, Instructional Systems Development

**Yokota, Janice**

Division/Area Office Coordinator, Costa Mesa Center

**Emeritus Status****Baker, Lynne****Baugh, James****Braithwaite, John****Breihan, John****Brown, John****Candelaria, Patricia****Duffy, Joan****Eccles, Faye****Friebertshouser, Donna****Garmon, James****Haas, Roland****Hall, Leva****Hamilton, Rachel****Harding, George****Hearlson, Julie****Hickey, Margaret****Hollowell, Barbara****Houghton, Dennis****Huson, Dorothy****Johnson, Patricia****Kurz, Sally****Leslie, Sandra****McClure, Helen****Mullaney, Marilyn****Oelstrom, Jeanne****Purdy, Leslie****Ratner, Harry****Sirianni, George**

# Educational Options in California



## Vocational Certificates

Major courses ONLY. Number of units required varies. A series of special major courses, all related to a particular occupational skill. Offered by community colleges and private educational organizations. Certificates help students prepare for new careers or upgrade current employment skills.

## Associate Degree

Major courses plus general education courses and electives, 60 units required. Usually referred to as Associate of Arts (A.A.) or Associate of Science (A.S.) degrees.

## Bachelor's Degree

Major courses plus general education and electives, 120-132 total units required. Usually referred to as Bachelor of Science (B.S.) or Bachelor of Arts (B.A.) degrees. You may complete the first two years at a community college and then transfer to a four-year university.

## Master's Degree

Bachelor's degree plus graduate courses in a specialized area. Bachelor's degree units (120-132) plus approximately 36 units. Usually referred to as Master of Science (M.S.) or Master of Arts (M.A.) degrees. Normally requires two additional years full-time work AFTER completion of bachelor's degree.

## Doctorate Degree

Advanced training beyond a bachelor's or master's degree. Units vary, depending on field of study. Usually referred to as Doctor of Philosophy (Ph.D.) or Doctor of Education (Ed.D.). Normally requires three to five additional years of full-time work AFTER completion of master's degree.

# Advanced Placement Chart

## College Credit for Advanced Placement (AP) Tests

Students may earn credit for College Entrance Examination Board (CEEB) Advanced Placement (AP) Tests with scores of 3, 4, or 5. AP credit can be used to meet IGETC, CSU GE and A.A. general Education (GE) and/or major requirements.

Students must have the College Board send AP exam results to the Admissions Office (hand carried copies will not be accepted) for use on the A.A. or GE patterns.

Course credit and units granted at Coastline College may differ from course credit and units granted by a transfer institution.

AP Examination	CCC AA (Subject Credit and / or GE) Units & Area	CSU GE Area for Certification	Total CSU Semester Transfer Units	IGETC Area for Certification	Total UC Semester Transfer Units
<b>AP French Literature Note*</b>		*If taken prior to Fall '09			
German Language	N/A / 5 units / Area C2	C2 3 sem. Units*	6	3B & 6A 3 sem. units	5.3
		*6 units C2 if taken prior to F'09			
Government & Politics: Comparative	PSCI C130 / 3 units / Area D	D8 3 sem. units	3	4H 3 sem. units	2.7
Government & Politics: United States	PSCI C100 / 3 units / Area D	D8 + US-2* 3 sem. units	3	4H 3 sem. units	2.7
<b>AP Govt. Exam*</b>		*Doesn't fulfill Calif. Gov. req.			
Human Geography	Geog C185 / 3 units / Area D	D5 3 sem. units	3	4E 3 sem. units	2.7
Italian Language and Cultures	Ital C185 / 5 units / Area C	C2 3 sem. Units*	6	3B or 6A 3 sem. units	5.3
<b>Italian Language and Culture Note*</b>		*If taken prior to Fall '10			
Japanese Language and Cultures	Japn C185 / 5 units / Area C	C2 3 sem. units	6	3B or 6A 3 sem. units	5.3
Latin Literature	N/A / 3 units / Area C	C2* 3 sem. units	6	3B or 6A 3 sem. units	2.7
<b>AP Latin Literature Exam Limitations*</b>		*If taken prior to Fall '09			
Latin : Vergil	N/A / 3 units / Area C	C2 3 sem. units	3	3B or 6A 3 sem. Units	2.7
Macro Economics	Econ C180 / 3 units / Area D	D2 3 sem. units	3	4B 3 sem. units	2.7
	Econ C185 / 3 units / Area D	D2 3 sem. units	3	4B 3 sem. units	2.7
Music Theory	Mus C151 & C152 / 6 units / Area C	C1* 3 sem. units	6	N/A	5.3
<b>AP Music Theory Exam Limitations*</b>		*If taken prior to Fall '09			
Physics B	Phys C110 / 3 units / Area B	B1 & B3* 4 sem. units	6	5A with Lab 4 sem. units	5.3 *
<b>AP Physics B Note*</b>		*6 units B1 + B3 prior to F'09			

AP Examination	CCC AA (Subject Credit and / or GE) Units & Area	CSU GE Area for Certification	Total CSU Semester Transfer Units	IGETC Area for Certification	Total UC Semester Transfer Units
Physics C: Mechanics	Phys C120 / 4 units / Area B	B1 & B3* 4 sem. units	4	5A with Lab 3 sem. units	2.7 *
Physics C: Electricity and Magnetism	Phys C125 / 4 units / Area B	B1 & B3* 4 sem. units	4	5A with Lab 3 sem. units	2.7 *
<b>AP Physics Exam Limitations*</b>		*Max. 4 sem. units for GE and 6 for transfer			5.3 sem. Units for all 3
Psychology	Psyc C100 / 3 units / Area D	D9 3 sem. units	3	4I 3 sem. units	2.7
Spanish Language	Span C185 / 5 units / Area C	C2 3 sem. units	6	3B & 6A 3 sem. units	5.3
<b>AP Spanish Language Note*</b>		*6 units in C2 if taken prior to F'09			
Spanish Literature	N/A / 3 units / Area C	C2 3 sem. units	6	3B & 6A 3 sem. units	5.3
<b>AP Spanish Literature Note*</b>		*6 units in C2 if taken prior to F'09			
Statistics	Math C160 / 4 units / Area A3	B4 3 sem. units	3	2A 3 sem. units	2.7
Studio Art: 2D Design	Art C110 / 3 units / Area C	N/A	3	N/A	5.3 *
Studio Art: 3D Design	N/A / N/A / N/A	N/A	3	N/A	5.3 *
Studio Art: Drawing	N/A / N/A / N/A	N/A	3	N/A	5.3 *
<b>AP Studio Art Exam Limitations*</b>					*Only 5.3 UC Sem. units max. for all 3 exams
United States History	Hist C170 & C175 / 6 units / Area C or D	C2 or D6 3 sem. units	6	3B or 4F 3 sem. units	5.3
World History	Hist C160 & C165 / 6 units / Area C or D	C2 or D6 3 sem. units	6	3B or 4F 3 sem. units	5.3

**AA:** Students should be aware that AP test credit is evaluated by corresponding it to an equivalent Coastline College course. A student who receives AP credit and then takes the equivalent Coastline College course will have the unit credit for such duplication deducted prior to being awarded the A.A. degree. Advanced Placement exam results and courses for which credit is granted will be posted on a student's transcript, with units assigned and no grade.

**CSU GE:** The Advanced Placement examinations may be incorporated into the certification of CSU General Education-Breath requirements by any certifying institution. All CSU campuses will accept the minimum units shown and apply them toward fulfillment of the designated General Education-Breath area if the examination is included as part of a full or subject-area certification. Please note that individual CSU campuses may choose to grant more units than those specified toward completion of General Education-Breath requirements.

**IGETC:** AP exams must be used in area indicated regardless of where the certifying CCC's discipline is located.

# CLEP Chart

CLEP EXAM	Passing Score	Coastline Units Earned & Application Toward Associate Degree	CSU Units Earned & GE Breadth Certification Area or Elective Credit	Minimum Semester Credits Earned
American Government	50	3 units – Group D	3 units – D8	3
American Literature	50	6 units – Group C	3 units – C2	3
Analyzing and Interpreting Literature	50	6 units – Group C	3 units – C2	3
Biology	50	6 units – Group B	3 units – B2	3
Calculus	50	3 units – Group A3	3 units – B4	3
Chemistry	50	6 units – Group B	3 units – B1	3
College Algebra	50	3 units – Group A3	3 units – B4	3
College Algebra-Trigonometry (discontinued)	50	3 units – Group A3	3 units – B4	3
College Composition (new Exam July 2010)	50	Pending	n/a	0
College Mathematics	50	3 units – Group A3	n/a	0
English Composition (with essay) (discontinued)	50	3 units - A2	n/a	0
English Literature	50	6 units – Group C	3 units – C2	3
Financial Accounting	50	3 units – major/electives	n/a	3
French Level I	50	6 units – Group C	n/a	6
French Level II	59	12 units – Group C	3 units – C2	12
German Level I	50	6 units – Group C	n/a	6
German Level II	60	12 units – Group C	3 units – C2	12
History, United States I	50	3 units – Group D	3 units – D6 + US-1	3
History, United States II	50	3 units – Group D	3 units – D6 + US-1	3
Human Growth and Development	50	3 units – Group D or E	3 units – E	3
Humanities	50	6 units – Group C	3 units – C2	3
Information Systems & Computer Applications	50	3 units – major/electives	3 units – electives	3
Introduction to Educational Psychology	50	3 units – major/electives	3 units – electives	3
Introductory Business Law	50	3 units – major/electives	3 units – electives	3
Introductory Psychology	50	3 units – Group D	3 units – D9	3
Introductory Sociology	50	3 units – Group D	3 units – D0	3
Natural Sciences	50	6 units – Group B	3 units – B1 or B2	3
Pre-Calculus	50	3 units – Group A3	3 units – B4	3
Principles of Accounting	50	3 units – major/electives	3 units – electives	3
Principles of Macroeconomics	50	3 units – Group D	3 units – D2	3
Principles of Management	50	3 units – major/electives	n/a	3
Principles of Marketing	50	3 units – major/electives	n/a	3
Principles of Microeconomics	50	3 units – major/electives	n/a	3
Social Sciences and History	50	6 units – Group D	n/a	0
Spanish Level I	50	6 units – Group C	n/a	6
Spanish Level II	63	12 units – Group C	3 units – C2	12
Trigonometry (discontinued)	50	3 units – Group A3	3 units – B4	3
Western Civilization I	50	3 units – Group C or D	3 units – C2 or D6	3
Western Civilization II	50	3 units – Group C or D	3 units – D6	3

## DANTES SUBJECT STANDARDIZED TESTS (DSST) Credit

	Required Score*	CCC Credit	Area Satisfied
<b>GROUP A1 – SPEECH/COMMUNICATIONS</b>			
Principles of Public Speaking	50	3	A1
<b>GROUP A3 – MATH COMPETENCY</b>			
Fundamentals of College Algebra	50	3	A3
Principles of Statistics	50	3	A3
<b>GROUP B - SCIENCES</b>			
Astronomy	50	3	B
Environment & Humanity: The Race to Save the Planet	50	3	B
Physical Geology	50	3	B
Principles of Physical Science 1	50	3	B
<b>GROUP C – ARTS &amp; HUMANITIES</b>			
Art of the Western World	50	3	C,G/M
Ethics in America	50	3	C
Introduction to World Religions	50	3	C
<b>GROUP D - SOCIAL SCIENCES</b>			
A History of the Vietnam War	50	3	D
General Anthropology	50	3	D,G/M
Human/Cultural Geography	50	3	D,G/M
Introduction to the Modern Middle East	50	3	D
Lifespan Developmental Psychology	50	3	D
Rise & Fall of the Soviet Union	50	3	D
The Civil War & Reconstruction	50	3	D
Western Europe Since 1945	50	3	D
<b>BUSINESS MAJOR/ELECTIVES</b>			
Business Law II	50	3	Major/Electives
Business Mathematics	50	3	Major/Electives
Human Resource Management	50	3	Major/Electives
Introduction to Business	50	3	Major/Electives
Introduction to Computing	50	3	Major/Electives
Management Information Systems	50	3	Major/Electives
Money and Banking	50	3	Major/Electives
Organizational Behavior	50	3	Major/Electives
Personal Finance	50	3	Major/Electives
Principles of Finance	50	3	Major/Electives
Principles of Financial Accounting	50	3	Major/Electives
Principles of Supervision	50	3	Major/Electives
<b>MAJOR/ELECTIVES</b>			
Criminal Justice	50	3	Major/Electives
Drug and Alcohol Abuse	50	3	Major/Electives
Foundations of Education	50	3	Major/Electives
Fundamentals of Counseling	50	3	Major/Electives
Here's to Your Health	50	3	E
Introduction to Law Enforcement	50	3	Major/Electives
Technical Writing	50	3	Major/Electives



## To find out more...

For more information on the programs and services offered at Coastline Community College, contact us via phone, through the Web, or visit one of our main learning centers.

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or visit us on the Web at:  
[www.coastline.edu](http://www.coastline.edu)**  
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**Accreditation:** Coastline is accredited by the Western Association of Schools and Colleges, a nationally recognized regional accrediting agency.

**Non-Discrimination Statement:** It is the policy of the Coast Community College District to provide all persons with equal employment and educational opportunities regardless of race, color, sex, national origin, religion, age, handicap, marital or Vietnam-era status.

