About the Cover
COD is celebrating its 50th anniversary in 2008. On the cover are several historic photographs. Front (clockwise from top left): Sign marks future location in 1958; Students protest in the 1960s; Buildings take shape in early 1962; VIPs tour construction site in 1961. Back: Library (now the Hilb Center) nears completion; Song Leaders pose in 1967; Aerial view of finished campus in 1964; TV star visits COD in 1970.
I would like to extend to you a warm welcome. College of the Desert is poised to grow and expand beyond the dreams of those visionaries who founded the college back in 1958 and started teaching students in September, 1962.

In the 50 years since our beginning, we have served thousands of students and helped them achieve their unlimited potential, learn and grow, and move on to productive, successful lives.

At COD, we are first and foremost about students. This is emphasized every time I get an opportunity to speak to staff, faculty and administrators. There is a sign over my desk that says, "How will it help our students?" and this guides our decisions here on a daily basis.

Many opportunities will open up to you now that you have made the decision to come to College of the Desert. Some of these opportunities will present themselves in the future, in the years after you leave our campus. Many more will open up immediately. The college devotes a great deal of energy and resources to helping students succeed, whether it be by way of counseling, advising, tutoring and testing to the endless opportunities to join student clubs, participate in athletics or student government. You will find an incredibly supportive atmosphere here at College of the Desert and I urge you to take advantage of it.

This catalog is a guide to what our college has to offer. You can expect many doors to open for you as you pursue your education here and move forward to make your goals and dreams a reality.

It will take some initiative on your part. But we are here to help. We’re focused on your success.
The members of the Board of Trustees are elected by the people of the Desert Community College District for a term of four years. A Student Trustee is elected annually by COD students.
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Academic Calendar

Fall 2008 Semester
May 19 ............................................................ Registration for New Students begins
September 01 ..................................................... Labor Day - HOLIDAY
September 02 ..................................................... Fall Classes Begin
September 09 ..................................................... Last day to ADD full-term classes
September 09 ..................................................... Last day to drop classes and qualify for refunds
September 29 ..................................................... Last day to drop classes without a grade of "W"
October 17 ..................................................... Last day to request an Evaluation for Spring 2009 Graduation
November 07 ..................................................... Last day to file Intent to Graduate Fall 2008
November 11 ..................................................... Veterans' Day - HOLIDAY
November 21 ..................................................... Last day to DROP with a grade of "W"
November 27, 28 ................................................ Thanksgiving - HOLIDAY
November 29 ..................................................... No Saturday classes
December 13-19 .................................................. Final Exam Week
December 19 ..................................................... Last day to Request a Refund (course must have been dropped by September 09)

December 19 ..................................................... Last Day of Fall Semester

January 02 - January 22 ......................... Winter Intersession
January 19 ..................................................... Martin Luther King Day - HOLIDAY

Spring 2009 Semester
January 26 ..................................................... Spring Classes Begin
February 02 ..................................................... Last day to ADD full-term classes
February 04 ..................................................... Last day to drop classes and qualify for refunds
February 13 ..................................................... Lincoln's Day - HOLIDAY
February 14 ..................................................... No Saturday classes
February 16 ..................................................... Washington's Day - HOLIDAY
March 02 ..................................................... Last day to drop classes without a grade of "W"
March 09 ..................................................... Last day to file Intent to Graduate Spring 2009
March 10 ..................................................... Flex Day - Non Instructional Day
April 06 - 10 ..................................................... Spring Break
April 10 ..................................................... College closed/Spring HOLIDAY
April 11 ..................................................... No Saturday classes
April 23 ..................................................... Last day to DROP with a grade of "W"
April 30 ..................................................... Last day to request an Evaluation for Fall 2009 Graduation
May 16 - 22 ..................................................... Final Exams
May 22 ..................................................... Last day to Request a Refund (course must have been dropped by February 04)

May 22 ..................................................... Last Day of Spring Semester
May 22 ..................................................... Graduation Ceremonies
May 25 ..................................................... Memorial Day - HOLIDAY
MISSION STATEMENT

Students who attend COD may expect to transfer, complete degrees and certificates, prepare for the workforce, and acquire a general education that enables them to be well-rounded, productive citizens. To assure students’ learning success, we assess student learning needs, establish academic and vocational courses and programs appropriate to those needs, determine the effectiveness of those courses and programs, and implement changes to improve student learning.

COD is a two-year, public institution that provides lower division academic, vocational, and basic skills education. We are a successful college because we make decisions based on a systematic assessment of the needs of the community and the application of our core values.

General Education Philosophy

Courses that are designated to fulfill the general education and depth requirements shall meet the following philosophy.

The awarding of an associate's degree is intended to represent more than an accumulation of units. It is to symbolize a successful attempt on the part of the college to lead students through patterns of learning experiences designed to develop certain capabilities and insights. 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 some field of knowledge to contribute to lifetime interest.

Central to an associate's degree, general education is designed to introduce students to the variety of means through which people comprehend the modern world. It reflects the conviction of colleges that those who receive their degrees must possess in common certain basic principles, concepts and methodologies both unique to and shared by the various disciplines. College educated persons must be able to use this knowledge when evaluating and appreciating the physical environment, the culture, and the society in which they live. Most important, general education should lead to better understanding.
Chapter 1 - General Information

COMMITMENT TO QUALITY EDUCATION

ACADEMIC TRANSFER PROGRAMS
The Desert Community College District (DCCD) believes that academic transfer programs are essential to the community and must provide general education and pre-major curricula that will meet or exceed the lower division requirements articulated with four-year institutions. The District is committed to an overall effort to fulfill academic transfer requirements by concentrating on the development of a comprehensive instructional environment.

OCCUPATIONAL AND VOCATIONAL EDUCATION
To meet the changing economic, technological, and environmental needs of the community, the DCCD will identify regional employment training needs and provide degree and certificate programs which prepare students for these career opportunities. These programs will train, retrain, and upgrade student career skills through existing career and technical education and general education programs as well as partnerships and contractual education with the private sector and public agencies.

BASIC SKILLS
The DCCD believes that basic skills education is critical to an individual’s success in a demanding society. Therefore, the District will provide comprehensive basic skills programs to support academic, career and technical, and community education.

MARKETING
The DCCD will aggressively and effectively promote all District programs and services to increase public awareness of educational opportunities, fulfill the mission of the District, and encourage enrollment growth.

ORGANIZATION
The DCCD recognizes the need for a well-defined organizational system that supports the interrelationship and participation of all institutional elements, enhances opportunities for consideration of matters common to the District and its environment, and provides methods for timely response to District-wide needs.

PLANNING
The DCCD has established within its organizational structure a planned, systematic procedure designed to evaluate and improve the quality of its programs continuously and facilitate the creation of innovative programs and the expansion of existing programs that meet community needs.

RESOURCES
The DCCD believes that all resources must aid the District in fulfilling the mission of providing comprehensive educational opportunities to the community and that all resource allocation must be devoted to existing or newly developed programs compatible with the approved Mission Statement. Further, the District is dedicated to the principle that we must be accountable to our constituents in the use of resources to demonstrate accomplishment of student learning and achievement outcomes consistent with our mission. Resource allocations must reflect our commitment to equal opportunity so that all members of our community have access to their benefits.

HISTORY OF THE COLLEGE
In 1958, voters approved formation of a college district in the Coachella Valley in a landslide vote that created a local two-year college. College of the Desert was founded that year, when the initial five-member Board of Trustees was seated and the new District began to function. COD got its name from a Palm Springs teenager, Douglas Crocker, who won a contest sponsored by the district and local newspapers.

After three years of study and planning, contracts were let in 1961 for the construction of nine buildings on 160 acres at Monterey Avenue and Avenue 44 (now Fred Waring Drive) in Palm Desert. The buildings had been funded in 1959 by a bond issue of $3.5 million. COD’s first students arrived in the Fall of 1962.

COD received its first accreditation on Oct. 14, 1963. In 1964, voters in the Coachella Valley approved a new $2 million bond issue to complete the first phase of COD construction. Within four years, construction was completed on the library (now the Hilb Student Center), the Gymnasium, and the Agricultural Science, Agricultural Technology, Nursing and Engineering buildings.
In 1966, residents of the high desert voted to join the college district and the Copper Mountain Campus got its start. Copper Mountain would become a separate district in 1999.

Other significant years in COD's history include:

**1973:** Dr. Fern Stout succeeded Dr. Roy McCall and became the second Superintendent/President of the community college district.

**1984:** COD's agreement permitting the McCallum Theatre to build on the college campus on the corner of Monterey Avenue and Fred Waring Drive came to fruition when the showcase civic theater opened. The long-range agreement provided the College with use of the facility for campus musical productions and events such as commencement exercises.

**1986:** COD began to offer programs related to golf course management and maintenance. The Coachella Valley Campus of California State University, San Bernardino, opened on the COD campus, allowing students to complete upper division courses in the Coachella Valley. The district appointed its third Superintendent/President, Dr. David George.

**1988:** The Board of Trustees changed the name of the Coachella Valley Community College District to Desert Community College District. At Indio High School, the college began offering classes as part of a planned Eastern Valley Center.

**1991:** The Child Development Resource and Training Center opened, offering affordable child care to students, staff, faculty and the public, and training in child care careers. In 2002, it was renamed the McCarthy Family Child Development and Training Center.

**1994:** Construction began on a new library, a unique city-county-college facility in which the new building would house Palm Desert City and Riverside County public libraries as well as the College library.

**1996:** The Multi-Agency Library opened. The Dining Hall was renovated. Dr. William R. Kroonen became COD's fourth Superintendent/President.

**1998:** The former college library was remodeled as a student center and renamed the Hilb Center in honor of its benefactors, Jeane and Justin Hilb. The original Lecture Hall was renovated and renamed the Carol L. Meier Lecture Hall. The Faculty Resource Center opened.

**1999:** Theater One, the campus theater, was rededicated in honor of Bob and wife "Mike" Pollock. The Pollock Theater's first performance was an original play by the Hollywood screenwriting couple. Groundbreaking ceremonies were held to begin construction of Math and Social Sciences buildings on the Palm Desert campus.

**2001:** Trustees selected Dr. Maria Sheehan to be COD's fifth Superintendent/President. Dedication ceremonies were held for the new Math and Social Sciences buildings, the first new classrooms in three decades. The satellite Eastern Valley Center opened in Indio with some 1,800 students.

**2003:** The Marks Center for the Arts opened with galleries named for its benefactors, Don and Peggy Cravens, Bob and Barbara Leberman, and the COD Alumni Association. The old foundry, closed for a decade, was rebuilt with private donations. A new academic calendar went into effect shortening semesters from 18 to 16 weeks while class times were expanded.

**2004:** In March, voters in the Desert Community College District voted overwhelmingly to authorize the sale of bonds, enabling the college to renovate its 40-year-old campus and expand for future growth. The bond issue totaled $346.5 million.

**2006:** Artist's renderings were released show two proposed new buildings, Nursing and Health Sciences and the Public Safety Academy. Planning continued on other projects, a Multi-Purpose Classroom Building, an Alumni Center, and the Learning Commons. All three will be built concurrently, with groundbreakings tentatively scheduled during 2008.

**2007:** Jerry R. Patton was named the sixth president of College of the Desert. In the Fall, ground was broken on new construction projects including the Coeta and Donald Barker Foundation Nursing Complex and the Public Safety Academy at Palm Desert.

**2008:** Construction began on another in a series of buildings funded by Measure B when a groundbreaking in April launched the future Peggy and Donald Cravens Student Services Center.
ORGANIZATION OF THE COLLEGE

The chief administrator of the District is the President, who is also the chief administrative officer of the college. The President serves as the Secretary to the Board.

The Vice President of Administrative Services functions as the chief financial officer of the college. He directs the development and administration of the college’s budgeting process. Human Resources and Campus Safety are under the supervision of the Vice President of Human Resources and Employee Relations.

The Vice President of Instruction is the chief academic officer of the college responsible for academic divisions, the college library, instructional support services, and off-campus programs. Each division is under the supervision of a Dean who is responsible for coordinating the departments within that division. Career programs are coordinated with cooperation from advisory committees, consisting of representatives from business and industry. Divisions include Applied Science and Business; Communication; Health Sciences and Early Childhood Education; Mathematics and Science; Off-Campus Programs; Physical Education and Athletics; and Social Sciences and Arts.

The Vice President of Student Services is the chief student services officer of the college responsible for student enrollment services, student support programs and services, student leadership, and student due process and discipline.

The Board of Trustees has ultimate responsibility for the integrity, quality, and fiscal stability of the District.

OFF-CAMPUS LOCATIONS

The Off-Campus Programs Division oversees six off-campus sites located throughout the eastern and western Coachella Valley where college courses are offered.

EASTERN VALLEY CENTER

The Eastern Valley Center (EVC) houses and coordinates an off-campus satellite educational program in order to make core academic courses as well as noncredit classes more accessible to residents of the eastern Coachella Valley. Located at 44-199 Monroe Street in Indio, the Center offers day and evening classes, as well as limited counseling, assessment testing, registration, and referral services. Evening ESL classes are also held at Coachella Valley High School and River Springs Charter School in Indio.

The Eastern Valley Center staff is committed to offering a wide array of courses and providing student and faculty support at all satellite locations. Please refer to the current Schedule of Classes for starting dates and meeting times. For further information, please call the office of the Dean of Off-Campus Programs at (760) 776-7200.

EVC AA DEGREE

Beginning each fall, COD offers a two-year package of courses at EVC which enables students to complete an AA in liberal arts with emphasis in Arts, Humanities & Communications or with emphasis in Social & Behavioral Sciences and also satisfies the CSU and UC transfer requirements. The package is available to students who are eligible to take college-level English (ENG-001A) and math (MATH-040).

WESTERN VALLEY CLASSES

In order to provide local access to college classes for students living in the western Coachella Valley, College of the Desert offers a wide variety of evening credit courses at Palm Springs High School and Desert Hot Springs High School.

Please refer to the current Schedule of Classes, or visit the college website at www.collegeofthedesert.edu for starting dates and meeting times of Western Valley classes. For further information, please call the office of the Dean of Off-Campus Programs at (760) 776-7200.
SUPPORTING ORGANIZATIONS

ALUMNI ASSOCIATION
College of the Desert Alumni Association was chartered in 1983. The mission and goals of the Association are to enhance the success of COD students and to enrich the campus environment. The Association provides scholarships for students who plan to attend or who are now attending COD; provides recognition of alumni, students, community leaders, faculty and staff; creates awareness of the value of higher education and COD through collaborative efforts; and provides financial support for the enhancement of COD, facilities, programs, faculty, and staff.

The Alumni Association annually budgets over $270,000 in scholarships and student financial aid which are awarded to college, high school and middle school students.

The Alumni Scholarship Endowment Fund now totals in excess of $700,000. The Alumni Association Academic Enrichment Endowment Fund of $1,000,000 has been completed. The Alumni Association operates the popular year round Street Fair. Membership is open to alumni, students, staff, and the community. For more information call (760) 773-2567.

COLLEGE OF THE DESERT FOUNDATION
College of the Desert Foundation is a nonprofit organization whose primary purpose is to provide financial support from the private sector to help underwrite those programs and facilities at the College which cannot be funded through public sources. The Foundation Board and committees are composed of community leaders who volunteer to work with college staff to support the college’s specific needs, present and future.

Donations to the COD Foundation can be of any size and may be designated to a particular department or project. Estate planning information is available for wills, bequests, and charitable trusts. For more information call (760) 773-2561, or go to their website at www.codfoundation.org.

COLLEGE OF THE DESERT FOUNDATION AUXILIARY
Members serve as goodwill ambassadors and organize special events for the College. Membership dues have been set at $45 per year or $450 for a life membership. The Foundation Auxiliary annually provides financial support to a wide variety of College programs. For more information call (760) 346-3363, or go to their website at www.codfoundation.org.

PRESIDENT’S CIRCLE AND TRUSTEE PARTNERS
The primary purpose of the President’s Circle is to support excellence in education and to encourage greater individual involvement with the College.

The Circle is composed of concerned citizens who make an annual contribution of $1,000 or more to the Foundation. A onetime gift of $10,000 or more entitles a donor to lifetime membership. The Trustee Partners is the title given to generous donors who contribute $5,000 annually. For more information call (760) 773-2561.

FRIENDS OF THE LIBRARY
The Friends of the Library is a dedicated group that supports the College’s Palm Desert Campus library. The Desert Collection Bibliography, focusing on the uniqueness of the region, is regularly updated by the Friends with new and rare books. For more information about Friends of the Library call (760) 776-7299.

COD SCHOLARSHIPS
College of the Desert’s supporting organizations provide scholarships to a large number of students annually. A partial list of the scholarships, donors, or funding follows.

- John Arthur Memorial Scholarship for Economics Majors
- Big Horn Country Club
- Coeta & Donald Barker Scholarship Fund for Nursing Majors
- D. Gail Brumwell Perpetual Scholarship Fund
- Dr. Reynaldo J. Carreon Perpetual Endowment Scholarship Fund
- Champions Volunteer Art Scholarship
- CMAA Roadrunners Chapter Scholarship
- Richard P. and Mary Enis Codd Memorial Scholarship
General Information

- COD Alumni Association Scholarship Fund
- COD Community Memorial Scholarship Fund in memory of the following individuals:
  * Eugenie Bolz
  * Robert and Mary Ellen Bronski
  * Alfred and Viola Hart
  * Bob Hope Desert Classic
  * Hal Kapp and Ted Smith
  * Mildred LaGrasse
  * Alice Marble
  * Pearl McManus
  * Edward Rafferty
  * Myrne Shepherd
- COD Faculty Womens Club Scholarship Fund
- COD Founding Leaders/Instructors Memorial Scholarship in memory of the following individuals:
  * George Goodwin
  * Viola H. and Roy W. Mallery
  * Jean Masters
  * Dr. Roy C. and Velma McCall
  * Donald Mitchell
  * Helen Staley
- COD French Club Scholarship
  * Dorothy Arnold
  * Stacy Carpenter
  * Beatrice Marx
  * Peter Marx
  * F. X. McDonald and Vin Riley
  * Maude Stoner
  * Madge Wilson
- COD Memorial Scholarship for Nursing Majors in memory of the following individuals:
  * Shirley Clark
  * Jerry Goodman
  * Robert Jordan
  * Dr. Joseph Lesser
  * Joan Maybee
  * Jo Sheward
  * Sarah Sompolinski and Geraldine Krippes
  * Betty Lee Speakman
- COD Student Memorial Scholarship in memory of the following individuals:
  * Jerry Codekas
  * Thomas A. Davis
  * F. Hansen
  * Keith Johnson
  * Stacy Ann Simmons
  * Ryan Weggenman
- Culinary Arts Scholarship Fund
- Dancing With Our Stars
- Desert Falls Members in Memory of Connie Bunderson
- Desert Resorts Concierge Association
- Desert Veterans Memorial
- Nathaniel and Valerie Dumont Foundation Scholarship Endowment Fund
- Peter William Dykema Memorial Scholarship for Music Majors
- Endowment for Student Transfer Success
- Mark Fletcher Memorial Scholarship
- Follett Higher Education Group
- Dr. Ward and Pat Fredericks Scholarship Fund
- Garden Club of the Desert
- Jerry Goodman Scholarship
- Kathy Goff Memorial Scholarship Endowment Fund for Music Majors
- Dorothy Grant Memorial Scholarship Endowment Fund
- Jack Greenberg Memorial Nursing Fund
- Skip Haynes Memorial Scholarship for Alternative Energy Programs
- Bruno Hirsch Memorial Scholarship Fund
- Ray House Scholarship Fund
- Joseph B. Iantorno/Street Fair Scholarship for Education Majors
- Kenneth Kern/Edna O’Reilly Memorial Scholarship Fund for Nursing Majors
- William and Paula Kroonen Endowment for International Students
- Dr. Richard S. Lane Memorial Scholarship
- Kathleen A. Little Memorial Scholarship
- Lawrence T. Little Memorial Scholarship
- Marich Scholarship
- Edeltraud McCarthy Science/Engineering Scholarship Fund
- McCarthy Family Endowment for Child Development
- Edgar McCoubrey Scholarship Fund
- Donna McLain Physical Education Scholarship for Disabled Students
- Herb Meinert Memorial Scholarship Fund
- Kim Miltenberger Memorial Scholarship
General Information

- Constance Monica Memorial Scholarship
- Matteo Monica II Memorial Scholarship
- Jack and Georgia Morris Scholarship Fund
- Jon Pierre Morris Memorial Scholarship Fund
- Lenore H. Morris Scholarship Fund
- Lluella Morey Murphey Foundation Scholarship Fund
- Olaf Nordland Memorial Scholarship
- Joyce Norton Memorial Art Scholarship
- Jean O'Leary Scholarship Fund
- Palm Desert Woman’s Club Nursing Scholarship
- Palms Garden Club Scholarship Fund
- Arnold Palmer Scholarship Fund for Golf Majors
- Rancho Mirage Chamber of Commerce
- Rancho Mirage Women's Club Scholarship Fund
- Rotary, Palm Desert Palms to Pines Club Scholarship
- Judy Roth Scholarship
- Rose and Robert Rothstein Public Safety Academy Scholarship
- Scalzo/Chapman Athletic Scholarship
- Grace Schallies/Soroptimist Club Scholarship
- Al Shoopman Memorial Fund for Culinary Arts
- Stephen W. Simonsen Memorial Scholarship
- Mrs. Nell M. H. Smith Endowment Fund
- Helena L. Stansbury Memorial Fund
- Norman Sternlieb Fund for Nursing Majors
- Bob Storchheim Memorial Scholarship
- Jackie Story Scholarship Fund
- Jackie Suitt Scholarship Fund
- Marianne Timmins Endowment Fund
- Union Bank
- University Club of the Desert Scholarship Program
- Nina Vairo Endowment Scholarship Fund for Nursing Majors
- Joseph Vierra Memorial Sports Scholarship Fund
- Neil F. Wakley and Victor DiPietro Scholarship Fund
- Thomas Walts Scholarship Fund
- Patricia Wilson Memorial Scholarship
- Wolper Nursing Scholarship
- Richard and Judy Zeigler

In addition to the scholarship programs listed, College of the Desert is fortunate to assist in the coordination and delivery of a number of outside or private scholarship awards from various civic groups, clubs and agencies. Potential donors or scholarship committee chairpersons are encouraged to contact the COD Financial Aid Office or the COD Foundation Office if assistance is needed in establishing or implementing a private scholarship program. For more information call (760) 773-2532.

The Fugitive: David Janssen was a huge TV star in 1970 when he visited College of the Desert. He's shown here near the west entrance, with Dr. Roy McCall, COD's first president. The College celebrates its 50th anniversary in 2008. Janssen starred as Dr. Richard Kimble in The Fugitive from 1963-67. Today's students are more familiar with the 1993 film that starred Harrison Ford as the wrongly-convicted doctor who escapes to prove his innocence.
POLICY ON OPEN ENROLLMENT

Unless specifically exempted by statute, every course, course section or class which is to be reported for state apportionment, is open for enrollment and participation by any person who has been admitted to the college and who meets the matriculation requirements.

MATRICULATION PROCESS

Matriculation is a partnership between College of the Desert and the student. Its purpose is to assist students in selecting, planning and achieving their educational and career goals. In this partnership, the college offers such services as admissions; assessment of basic skills and career interests; new student orientation; counseling; advising; and follow-up of student progress. In turn, students are expected to take responsibility for their education by attending orientation, working with a counselor to identify educational goals and objectives, attending classes and completing assignments, and using support services as needed.

All new students who are attending College of the Desert for the first time must complete the following matriculation process:

1. Admissions

The COD admissions application is available online at www.cccapply.org and must be completed by all students intending to enroll at College of the Desert. All new students are required to attend an orientation session where they will receive counseling assistance to register for classes. Returning students are not required to re-submit an online application each year; however students who have had a break in enrollment for more than one academic term (fall or spring) are required to submit a new application online. These students will not be required to retake the Assessment or attend Orientation if these steps had previously been completed. For more information, please contact the Admissions & Records office or consult with a counselor in the COD Counseling Center.

2. Assessment

All new students are required to complete basic skills assessment exams in English, reading and mathematics. The assessments will help the students, with the assistance of a counselor, to determine the student’s appropriate skill level when developing a student education plan. Test dates and times can be obtained by visiting the Assessment Center, located in the Academic Skills Center (Building E), or by calling (760) 776-7413.

3. Orientation

Orientation services are available to all students and are required of all new students. At orientation, students will receive academic planning assistance, information about college policies, and a review of student rights and responsibilities. Students can enroll for orientation online. To register for orientation contact the Counseling Center at (760) 773-2520. Online orientation will be available during registration periods. Check on the college website for details.

4. Counseling Services

All matriculating students must meet with a counselor prior to beginning classes for the purpose of developing a student education plan (see Student Education Plan description on the following page). Recent high school graduates should bring a copy of their high school transcripts to their counseling session. Most new students will see a counselor on the same day as their assigned orientation session.

5. Follow-up

Students who seek new educational goals or experience academic difficulty are referred to counseling and/or the appropriate academic and student support services for assistance. Students may be instructed to attend a group workshop and/or meet with a counselor for guidance and assistance.

MATRICULATION EXEMPTIONS

Students can elect not to participate or be exempt from all or most of the matriculation components if they meet the following criteria:

- Student has completed an associate's degree or higher
- Student satisfies at least one of the following:
  - Has identified a goal of upgrading their job skills only.
  - Has concurrently enrolled in another postsecondary institution.
  - Has interest in only performance classes.
Students wishing to challenge any part or all of the matriculation process (orientation, assessment, and/or counseling) must meet with a counselor to discuss the reason and rationale for the challenge and provide documentation which supports the challenge. If you would like more information to determine your eligibility for an exemption, please contact the Counseling Center at (760)773-2520.

STUDENT EDUCATION PLANS (SEPs)
Upon admission to the College all students will be required to express a broad educational goal. A specific educational goal, along with a Student Educational Plan (SEP) must be declared after the student has completed 15 semester units of degree applicable coursework. It is the responsibility of the student to contact a counselor to complete an educational plan. Failure to specify the goal, complete the Educational Plan, diligently attend classes, complete assignments, and maintain progress towards that goal may result in the suspension or termination of further matriculation services to the student by the College and the District. For more information, contact the Counseling Center at (760) 773-2520.

ADMISSION ELIGIBILITY

CONCURRENT ENROLLMENT OF HIGH SCHOOL STUDENTS
The College authorizes the admission of special admit students, who are "highly-talented" minor students without high school diplomas, who can benefit from "advanced scholastic or career/technical work." The responsibility to make the determination of the student's preparation belongs to the school district in which the student is enrolled. Authority to restrict the admission or enrollment of a special part-time or full-time student in any session based on age, grade-level completion, current school performance, or assessment and placement procedures in conformance with matriculation regulations remains the prerogative of the College. All courses will be taken for college credit. The school of attendance maintains the right to apply course credit. The parent or guardian of a pupil not enrolled in a public school retains the ability to directly petition the President or designee for the pupil's special admission on a part-time or full-time basis. The application can be downloaded at: www.collegeofthedesert.edu/Students/admissions.

High School Juniors and Seniors
College of the Desert admits high school juniors and seniors for enrollment to the College who are eligible to participate based on the criteria established below.

- The student must be recommended by his/her high school principal or designee. As part of the approval process, the principal or designee must verify through consent and signature on the Special Admit Minor Form that the recommended student can benefit from college instruction.
- A parent/guardian consent and signature on the Special Admit Minor Form, verifying parental/guardian approval of student's participation, must be submitted in addition to the College application by the established deadlines. Parents/guardians must also acknowledge on the Special Admit Minor Form that the student will be expected to conform to all College policies.

To be considered for admission as a special part-time or full-time student, the student must meet the eligibility standards established in Education Code, Section 48800.05. Special part-time and full-time students are given low enrollment priority in accordance with AB 967. Students are subject to tuition and fees.

HIGH SCHOOL GRADUATES
Students who have high school diplomas as recognized by the State of California are eligible for admission to College of the Desert and enrollment in any course for which they meet qualifications. Certain two-year programs have special admission requirements. Students who successfully complete the California High School Proficiency Examination or GED also are eligible. Proof may be required.

NON-GRADUATES OF HIGH SCHOOL
Non-graduates, eighteen years of age or older, who can profit from instruction and are no longer enrolled in high school, are eligible for admission.

For those who are interested, the Adult Basic Education program provides an alternative way to complete high school graduation requirements. Contact should be made with the Training and Development division, located in the Central Annex on the east side of the campus, or call (760) 776-7318.
PROBATIONARY TRANSFER STUDENTS

Applicants whose scholastic achievement at another college represents less than a "C" average may be admitted for a restricted academic program. Satisfactory performance in this work may allow admission to subsequent semesters. Admission on probation is a privilege granted, not a right of the applicant.

SUPPLEMENTAL APPLICATION - NURSING PROGRAM

Because of departmental requirements or enrollment limitations for Nursing, this department established screening procedures and a supplemental application for their candidates. Information regarding this application is available at: www.collegeofthedesert.edu/Students/AcademicsPrograms/healthsciences.

INTERNATIONAL STUDENTS with F-1 VISAS

College of the Desert welcomes applications from international students and offers a full-service International Student Program to support students throughout their studies. In order to be considered for admission, international students must submit the International Student Application packet. (International students cannot apply through CCCApply.) In addition to the application, applicants must submit proof of adequate funding for studies at COD and verification of high school/secondary school graduation. Bank and high school/secondary school information must be submitted with an official English translation. Applicants must also submit a TOEFL score of 400 (paper-based test) or 32 (internet-based test). Students with TOEFL scores between 400-450/32-46 should expect to take ESL (English as a Second Language) courses during their first semester at COD. The application deadline for the fall semester is July 15 and the deadline for the spring semester is December 15. For more information, visit us at: www.collegeofthedesert.edu/international or contact us at: International Student Office, 43-500 Monterey Avenue, Palm Desert, CA 92260; by email: cdelgado@collegeofthedesert.edu; or by telephone: 001-760-776-7205; or by fax: 001-760-862-1361.

RESIDENCY REQUIREMENTS

The following is a summary of College of the Desert’s residence rules and their exceptions. For more detailed information, please visit the Admissions and Records Office.

- Each person applying for admission or enrolled in a California community college is classified as either a “resident” or a “nonresident.”
- A “resident” is defined as a citizen of the United States or an individual holding status which allows him or her to establish residency in the United States, who has proof of physical presence in the State of California for one year and who presents evidence of intention to make California his or her permanent home. Dates on any documentary evidence should correspond to dates of physical presence in California.
- A “nonresident” is a person who does not meet the residency requirements of the State of California or who is a citizen of a foreign country and holds only temporary status in the U.S.
- A student classified as a resident will be admitted to the College without tuition.
- A student classified as a nonresident is required to pay a tuition fee. See Schedule of Classes for the current fee.
A nonresident continuing student requesting reclassification to resident status must submit a petition for change of residency status, show proof of financial independence, and present evidence of intent to establish California as his or her place of residence. The petition can be downloaded at: www.collegeofthedesert.edu/residency

RESIDENCE OF AN ADULT

A student who is 19 years of age or older and who has maintained a home in California continuously for the last two years shall be presumed to have the intent to make California his or her home.

A student under 19 years of age shall be presumed to have the intent to make California his or her home if both the student and his or her parent(s) have maintained a home in California continuously for the last two years.

A student who is 19 years of age or older applying for admission with less than two years, but more than one year, of residence in California should be prepared to show proof of residence.

No one factor determines residency. The following factors are called “indices of intent.” They, along with a person’s presence in California, and documented financial independence are among the factors in determining California residency:

- Continuously occupying rented or leased property in California;
- Registering to vote and voting in California;
- Holding a California state license for professional practice;
- Paying California state income tax as a resident;
- Possessing California motor vehicle license plates;
- Possessing a California driver’s license or a California Identification Card;
- Maintaining a permanent military address or home of record in California while in the armed forces;
- Establishing and maintaining active California bank accounts; and
- Petitioning for a divorce in California.

Dates on documents must correspond with physical presence of one year and one day.

RESIDENCE OF A MINOR

Unmarried minors (those younger than 18 years of age) are, by law, incapable of establishing their own residences, notwithstanding their physical presence within California. The Admissions Office will use the following guidelines for determining a minor’s residence:

- A minor’s residence is the residence of the parent with whom the minor is living;
- If the minor is not living with either parent, then the residence of the parent with whom the minor last lived will be the residence of the minor.

When the residence of a minor student is derived from the parent, the durational requirement (one year in California) must be met by the parent, but is not required of the student.

A minor whose parents are not living and who does not have a legal guardian may establish his or her own residence.

EXCEPTIONS

Exceptions to the above guidelines will be made under certain circumstances. If a student would otherwise be classified as a nonresident, but fits within one of the following exceptions, he or she may be granted resident classification provided he or she has resided in California for one year with the intent of establishing residence (documentation required):

- A student who was not an adult for more than one year before the start of the semester may add the amount of time lived in California prior to his or her eighteenth birthday (provided the student’s parent was a California resident during the period), if any, to the length of residence in California since that date to obtain the durational requirement of one year;
- An adult alien who is in the process of adjusting his/her status to a permanent resident or who has been lawfully admitted as a permanent resident for one year and one day prior to the beginning date of the semester (documentation required) and who has resided in California for one year;
- A student 19 years of age or older who can document refugee or asylee status with the Immigration and Naturalization Service (INS) (dated one year and one day prior to the beginning date of the semester) and who has resided in California for one year (students younger than 19 years of age should review the first item above);
- An adult alien who is in the process of adjusting visa status to, or possesses one of the following visas: A, E, G, H-1B, H-1C, H-4, I, K, L, N, NATO, O-1, O-3, R, T, U, or V dated at least one year and one day prior to the beginning date of the semester and who meets California residence criteria;
A student who is a minor (under the age of 18) and who, immediately before enrolling at a California educational institution, has lived with and was under the continuous direct care and control for at least two years of any adult or adults (other than a parent) who had established residence in California at least one year and one day prior to beginning date of the semester (documentation required).

For more information regarding residence classification, exceptions, and examples of evidence showing intent, please contact the Admissions and Records Office.

### TRANSFERRING CREDIT to COLLEGE of the DESERT

#### CREDIT BY EXAMINATION

Granting unit credit by examination for a course is based on the principle that previous experience, training, or instruction is the equivalent of a specific course taught by the College. If an examination shows that the student possesses adequate equivalency and mastery of the subject, credit is granted.

A student seeking credit by examination will receive a letter grade (A, B, C, D, F, P, NP) and grade points in the same way as if enrolled in a regular course. A student may challenge a course only once. Credit earned according to this policy shall not count toward determination of eligibility for veteran’s benefits. Credit by examination is possible in selected courses only.

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

Credit by examination may be granted only to a student who (1) is currently enrolled in at least one course in the College, (2) has completed at least 12 units in residence, (3) is not on academic probation, (4) has submitted transcripts of all previous course work, (5) has not earned college credit in more advanced subject matter, and (6) has not received a grade (A, B, C, D, F, P, NP), or equivalent, in the course for which he or she is seeking credit by examination at this or any other educational institution.

Under the Credit by Examination policy, a student may challenge no more than 10 units towards an Associate Degree or a Certificate of Achievement (an exception is allowed for VN students who are challenging the first semester of the ADN program). Unit credit granted by examination to a student shall not count towards the minimum of 12 units required for residency.

Students interested in credit by examination will be required to submit a Credit by Examination form to the Admissions and Records office to initiate the formal approval of this process. Prior to submitting the form, interested students should meet with a counselor or faculty advisor to discuss their eligibility for credit by examination and for assistance in determining which departments are currently offering credit by exam. Payment of a nonrefundable fee of $25.00 is required upon submission of the Credit by Examination form. The request must be approved by the midpoint of the semester, and the examination must be given prior to the last day of the final examination period.

#### CREDIT FOR COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

A maximum of 30 semester units of credit is given for credit by examination. Credit maximum includes Advanced Placement, CLEP, Military Credit and credit by exam only if taken at College of the Desert. CLEP credit will not be used to meet IGETC or CSU General Education Requirements for Certification. Students planning to transfer should check CLEP acceptance policy at the college to which they will transfer. The University of California does not offer CLEP credit and CSU grants limited credit only. Official CLEP results must be submitted to the Admissions and Records Office.

#### CREDIT FROM HIGH SCHOOLS and REGIONAL OCCUPATIONAL PROGRAMS

College of the Desert maintains course articulation agreements in cooperation with high schools and Regional Occupational Programs (ROP) within the college district. Credits by examination or prerequisite course waiver may be earned by high school and ROP students, thereby assisting students in a smooth transition from secondary to postsecondary levels without experiencing delays or duplication of learning. Credit may be granted in the following areas: Architecture, Computer Aided Design (CAD), and Automotive Technology.

For complete information, contact your high school, ROP, college counselor or articulation officer.
CREDIT FOR CEEB ADVANCED PLACEMENT EXAMINATIONS

College of the Desert grants credit for scores of 3 or higher on the Advanced Placement Examinations of the College Entrance Examination Board (CEEB). Such credit may apply toward requirements for COD degrees and for transfer programs to both the California State University and University of California systems. The CSU and UC campuses determine what courses and credits are awarded on their campus. AP Foreign Language credit may prevent you from earning credits in a lower level foreign language course. Please see a counselor for additional information.

High School students who intend to participate in this program should make the necessary arrangements with their high schools. Students should request that their test scores be sent to College of the Desert at the time they take the Advanced Placement Examinations. To apply for credit for advanced placement, students should contact the Admissions and Records Office at (760) 773-2516.

CREDIT FOR CEEB ADVANCED PLACEMENT EXAMINATIONS

<table>
<thead>
<tr>
<th>AP Examination</th>
<th># Units Granted</th>
<th>General Education Requirements Area (for CSU)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art: History of Art</td>
<td>3</td>
<td>C 1</td>
</tr>
<tr>
<td>Biology</td>
<td>3</td>
<td>B 2</td>
</tr>
<tr>
<td>Chemistry</td>
<td>6</td>
<td>B 1 &amp; B 3</td>
</tr>
<tr>
<td>Economics: Macroeconomics</td>
<td>3</td>
<td>D 2</td>
</tr>
<tr>
<td>Economics: Microeconomics</td>
<td></td>
<td>D 2</td>
</tr>
<tr>
<td>English: English Language &amp; Composition</td>
<td>3</td>
<td>A 2</td>
</tr>
<tr>
<td>English: English Composition &amp; Literature</td>
<td>3</td>
<td>C 2</td>
</tr>
<tr>
<td>French: French Language</td>
<td>6</td>
<td>C 2</td>
</tr>
<tr>
<td>French: French Literature</td>
<td>6</td>
<td>C 2</td>
</tr>
<tr>
<td>German Language</td>
<td>6</td>
<td>C 2</td>
</tr>
<tr>
<td>Government &amp; Politics: United States*</td>
<td>3</td>
<td>D 8</td>
</tr>
<tr>
<td>Government &amp; Politics: Comparative</td>
<td>3</td>
<td>D 8</td>
</tr>
<tr>
<td>History: European History</td>
<td>3</td>
<td>D 6</td>
</tr>
<tr>
<td>History: United States History</td>
<td>3</td>
<td>D 6</td>
</tr>
<tr>
<td>Latin: Virgil</td>
<td>3</td>
<td>C 2</td>
</tr>
<tr>
<td>Latin: Latin Literature</td>
<td>3</td>
<td>C 2</td>
</tr>
<tr>
<td>Mathematics: Calculus A,B</td>
<td>3</td>
<td>B 4</td>
</tr>
<tr>
<td>Mathematics: Calculus B,C</td>
<td>3</td>
<td>B 4</td>
</tr>
<tr>
<td>Music Theory</td>
<td>3</td>
<td>C 1</td>
</tr>
<tr>
<td>Physics B</td>
<td>6</td>
<td>B 1 &amp; B 3</td>
</tr>
<tr>
<td>Physics C (mechanics)</td>
<td>3</td>
<td>B 1 &amp; B 3</td>
</tr>
<tr>
<td>Physics C (electricity &amp; magnetism)</td>
<td>3</td>
<td>B 1 &amp; B 3</td>
</tr>
<tr>
<td>Psychology</td>
<td>3</td>
<td>D 9</td>
</tr>
<tr>
<td>Spanish: Spanish Language</td>
<td>6</td>
<td>C 2</td>
</tr>
<tr>
<td>Spanish: Spanish Literature</td>
<td>6</td>
<td>C 2</td>
</tr>
<tr>
<td>Statistics</td>
<td>3</td>
<td>B 4</td>
</tr>
</tbody>
</table>

* AP Government & Politics: United States does not satisfy CSU baccalaureate constitution requirement.

Note: College of the Desert does not have comparable courses for all courses listed above.
CREDIT FOR MILITARY SERVICE SCHOOLS
College of the Desert awards college credit for certain military training, experiences and coursework. This credit is based on recommendations from the “American Council of Education: Guide to Evaluation of Educational Experiences in the Armed Forces.”
Credit will be granted for those training courses substantially similar to coursework offered by College of the Desert. Usually credit earned is not transferable but may be applicable to some of the occupational degrees available at College of the Desert. Up to 4 units of PE credit may be transferable to the CSU and UC systems.
Veterans must have completed 12 units at College of the Desert (unless presently receiving V.A. benefits) before requesting the military credit evaluation.
Students must request official copies of either their AARTS (Army), SMART (Navy/Marine Corps) or CCAF (Air Force) transcripts. If these are not available, then their DD-214 form will be used for credit evaluations. Please contact the COD Veterans Office for information regarding this process at (760) 773-2536.

TRANSCRIPTS FROM OTHER INSTITUTIONS
Transcripts from all other institutions attended are required when students request:
1. Associate degree and/or Certificate evaluation
2. academic records from another institution be evaluated
3. previous academic records be considered for admission to designated instructional programs as identified by College of the Desert
4. enrollment into College of the Desert courses that have prerequisites met at another institution
All students must arrange to have official transcripts of academic records sent to the Admissions and Records Office. A high school senior should have the transcript sent after graduation. Transcripts must be mailed directly from the institution at which the student was enrolled and are not considered official unless they arrive in Admissions and Records unopened. Official transcripts received from other institutions become the property of College of the Desert.

ASSESSMENT
The purpose of assessment is to help students identify their readiness to perform college level academic study and to help them succeed in their programs of study. Assessment for placement in reading, writing and mathematics courses is a key component of the College Matriculation Plan and is expected of all students who plan to:
1. complete an associate degree or certificate of achievement, and/or plan to transfer to a four-year college/university.

TRANSFER OF CREDIT FROM OTHER COLLEGES
All transcripts from other colleges must be on file at the Admissions Office prior to or along with submission of a “Request for Evaluation.” All lower-division credit units earned at other regionally accredited institutions will be evaluated for meeting COD degree or certificate requirements. The CSU and UC campuses determine what courses and credits are awarded on their campuses. Please see a counselor for additional information.
Courses, units, and grades transferred from other colleges and universities must meet the standards of the Western Association of Schools and Colleges Accrediting Association.

FOREIGN TRANSCRIPT EVALUATIONS
Students entering COD, who have earned university/college credits in foreign countries, and believe the courses are comparable to those offered at College of the Desert, can obtain information about foreign transcript evaluation and application forms for foreign transcript/credential evaluation services from the International Student Office or the Evaluation Specialist.

REGISTERING IN CLASSES
Registration at COD can be completed via Web Advisor or by the telephone registration system; these tools enable students to initially register and make changes to their schedules from their home, office, or anywhere they have access to a computer or telephone. Registration policies and procedures are presented in the class schedule. As mentioned earlier in the MATRICULATION PROCESS section of the catalog, all students should adhere to the matriculation process in order to register for classes.

ASSESSMENT
The purpose of assessment is to help students identify their readiness to perform college level academic study and to help them succeed in their programs of study. Assessment for placement in reading, writing and mathematics courses is a key component of the College Matriculation Plan and is expected of all students who plan to:
1. complete an associate degree or certificate of achievement, and/or plan to transfer to a four-year college/university.
2. enroll in reading, writing, and/or mathematics courses.
3. enroll in a course which has a reading, writing, and/or mathematics prerequisite.

Students who have completed required competency courses with grades of C or higher at another accredited college/university are exempt from this requirement. Official transcripts need to be on file in the Admissions & Records office. Students must see a counselor to file a Prerequisite Verification form to clear the prerequisite.

The assessment consists of three parts: reading, writing, and mathematics. Results are provided to the student. Test results, combined with a student’s educational record, educational goals, maturity, etc., are used to place students in appropriate levels of reading, writing, and mathematics classes.

Students found to have reading, writing, and/or mathematics deficiencies are expected to begin taking courses to correct those deficiencies in their first semester of enrollment.

College of the Desert offers an assessment program which uses microcomputers and is available for students to take year-round except for holidays and weekends. The Assessment Center is located in the Academic Skills Center, Building E. To set up an appointment to take the assessment exam, please call (760) 776-7413.

NEW STUDENT ORIENTATION

A key component of the College Matriculation Plan, orientation is a required activity for all new students. The purpose of orientation is to introduce and familiarize students with important college policies, procedures, and expectations. Prior to the beginning of the fall and spring semesters, orientations are held for new students. Matriculating students entering with basic skills and/or scholastic deficiencies are to participate in orientation activities during their first semester of attendance. These activities include study skills instruction, student success assessment, career assessment, and student survival skills.

The orientation program is designed to assist students to:
1. Receive assistance in deciding which courses to take in order to achieve their educational objectives;
2. Meet advisors, counselors, and program directors;
3. Interpret the basic skills assessment;
4. Understand information regarding the college catalog, courses, certificates, Associate of Arts and Science degrees, and transfer requirements;
5. Become aware of the Counseling Center’s services and other programs on campus;

6. Recognize the difficulties that may be encountered during the initial weeks of college;
7. Understand the role of the community college.

Additional activities for new students are offered by the Counseling Center and provided throughout the fall and spring semesters. Some of the activities include classes and/or workshops on Study Skills, Career Development, Time Management, and Test Taking.

ADDITIONS DROPPING COURSES

Students have the ability to adjust their class schedule as needed via WebAdvisor, the telephone registration system, or notification to the Admissions & Records office, provided that they adhere to all registration deadlines as published each semester in the Schedule of Classes. A change of a student’s class schedule can include the following: dropping a class, adding a class, adding or reducing units to a class for which the student is already registered, or changing sections of the same course.

WITHDRAWALS AND GRADE RESPONSIBILITY

Students are expected to plan their schedule carefully with the aid and approval of the advisor and endeavor to maintain that schedule throughout the semester. The student must attend all classes in which originally enrolled until the requested change is officially authorized.

Students are held accountable for every course for which they have registered and are responsible for their own class schedule and any changes made via the Web Advisor, the telephone registration system, or notification to the Admissions and Records Office. If a student fails to drop or withdraw from a course by the established deadlines, the student may receive an “F” grade for that course. To assure transactions are correct, College of the Desert recommends that students print out a class schedule after completing registration and/or after adding or dropping a course.

The designated student grade responsibility date shall occur at the 75 percent point of a semester or session. Students who do not withdraw by the deadline indicated in the class schedule will receive a grade of A, B, C, D, F, P or NP. All grades become a part of the student’s permanent records.

Where documented cases of extenuating circumstances exist, students may petition to be allowed to withdraw from class(es) after the grade responsibility date. The petitioning process is to commence with the Dean of Enrollment Services after consultation with the instructor(s) of record.
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or, in the event the instructor cannot be contacted, the division dean. Extenuating circumstances include documented cases of accidents, illnesses or other circumstances beyond the students’ control which would prevent them from completing the class(es). Where such withdrawals are approved, the symbol “W” may be granted. Extenuating circumstance petitions to withdraw from a class after the grade responsibility date must be presented within two years from the time the grade was assigned.

MAXIMUM UNIT LOAD
A normal class load for fall and spring semesters is considered to be 12-17 units plus an activity class in physical education. Students working full time are encouraged to carry a reduced load. Students with advanced standing, and having a “C” average or better are permitted to enroll to a maximum of 19 units. During the summer term, students may be limited to 7 units.

Students who wish to obtain a variance from the above unit limitations should contact the Counseling Center to submit a petition for unit overload. Prior to receiving approval, students will be required to meet with the Dean of Student Support Programs & Services or the dean’s designated representative to discuss the student’s prior academic performance and their reasons for requesting a unit overload.

BASIC SKILLS COURSE LIMITATION
No student shall receive more than 30 semester units of credit in basic skills coursework. For a list of Basic Skills courses, please go to: www.collegeofthedesert.edu/basicskillscourses. Students that exhaust the unit limitation should see a Counselor to discuss academic options. Exceptions to the Basic Skills limitations are: students enrolled in one or more courses of ESL; or students identified by the district as having a learning disability as defined in section 56036.

CLASSIFICATION OF STUDENTS
Freshman: A student who has completed fewer than 30 units of college credit.
Sophomore: A student who has completed 30 or more units of college credit.
Post-Graduate: A student who has been awarded a degree and has enrolled for further study.
Full Time: A student enrolled for 12 or more credit units.
Part Time: A student enrolled for fewer than 12 credit units.

STUDENTS WITH MINIMUM UNIT REQUIREMENTS

<table>
<thead>
<tr>
<th>Category</th>
<th>Minimum Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Athletes</td>
<td>12</td>
</tr>
<tr>
<td>ASCOD Officers</td>
<td>5</td>
</tr>
<tr>
<td>CARE Students</td>
<td>12</td>
</tr>
<tr>
<td>EOPS Students</td>
<td>12</td>
</tr>
<tr>
<td>Financial Aid Recipients</td>
<td></td>
</tr>
<tr>
<td>Full-time</td>
<td>12</td>
</tr>
<tr>
<td>3/4-time</td>
<td>9</td>
</tr>
<tr>
<td>Half-time</td>
<td>6</td>
</tr>
<tr>
<td>International Students</td>
<td>12</td>
</tr>
<tr>
<td>Veterans’ Benefits Recipients</td>
<td>Varies by Program</td>
</tr>
</tbody>
</table>

SCHEDULE OF CLASSES
The Schedule of Classes is the official list of courses offered each semester. The College reserves the right to make additions or deletions to the list of course offerings during the year or to cancel those classes in which enrollment is insufficient.

Every class offered, unless otherwise stated in the official catalog and schedule of classes, is fully open to enrollment and participation by any person who meets the academic prerequisites and/or corequisites of such class (subject to maximum enrollments) and who is otherwise eligible for admission to and enrollment in the College. Go to www.collegeofthedesert.edu/Students/ClassSchedule for the online schedule.

TRANSCRIPTS
An official transcript of a student’s record may be obtained from the Admissions Office by completing an online request form. To access this form, please go to: www.collegeofthedesert.edu/ordertranscripts. This process has several options of delivery service and the processing time varies according to the service selected.

Sealed transcripts sent directly from the College to the destination requested by the student are considered official. Unsealed transcripts given to the student are not official. Students may request an official transcript for their records via the web.
Chapter 2 - Admissions and Registration Procedures

FEES

Effective Fall 2008 all fees must be paid within ten (10) days after registration to avoid being dropped from classes for non-payment.

1. Enrollment Fees for Resident Students: Fees are listed in the Schedule of Classes for each semester or intersession, and

2. Tuition Fee for Out-of-State Residents: A tuition fee, based on the average cost of instruction which is payable at time of registration, is charged to all students who have not been legal residents of California for one full year. See Schedule of Classes for the current fee. Questions relating to the establishment of California residency should be directed to the Admissions and Records Office.

Waivers of Non-Resident Fees: Under California law, waivers of the non-resident portion of tuition and fees may be granted to the following:

- Members of the military who are on active duty assigned to California, their spouse and dependent children.

- Students who have attended high school in California for three years or more, and will have earned a diploma or the equivalent before classes begin. Includes undocumented aliens and all others who meet the criteria even if they have established residency in another state subsequent to graduation from a California high school.

Documentation is required for both categories. Please contact the Admissions and Records Office for specific information.

3. Tuition Fee for Foreign Students: In addition to the non-resident fee computed as specified above, foreign students will be charged an amount not to exceed the amount that was expended by the District for capital outlay in the preceding year, divided by the total full-time equivalent students. See Schedule of Classes for the current fee.

4. Health Service Fee: Assembly Bill No. 2236, passed by the California State Legislature, and under authority of Section #72246-72244 of the education code, authorizes College of the Desert to charge a health service fee for the operation of a Student Health Center. Exempted students include:

- All active duty military personnel attending classes on a military base and their dependents.

- Apprentice students.

- All students who depend exclusively on prayer for healing in accordance with a bonafide religious sect.

5. Student Center Fee: Approved by student vote in accordance with section #79121 of the education code for the purpose of refinancing, constructing, enlarging, remodeling, refurbishing, and operating a student center.

6. Student Representation Fee: Approved by student vote, this fee is to support student government representatives who may be stating their positions and viewpoints before city, county, and district government, and before offices and agencies of the state and federal government. Students may refuse to pay, for religious, political, financial or moral reasons, in writing to the Admissions and Records Office at the time of initial payment of fees.

7. International Student Insurance: College policy requires all international students on the F-1 visa to purchase the COD health insurance plan while they are studying at College of the Desert and/or the Intensive English Academy. COD does not accept any health insurance provider other than the approved college policy; this includes both foreign and domestic policies. Information regarding benefits and costs can be obtained at the International Student Office.

8. Parking Fee: A fee is charged to students for parking permits. A valid permit must be displayed to park on campus. There is a charge for replacement of parking permits. Penalties are assessed for violation of parking regulations.

9. Health Occupations Programs: College Policy requires each student enrolled in Health Occupation programs which require patient contact for the development of specific skills to secure insurance coverage against liability for malpractice.

10. Student ID Card: An optional student identification (ID) card fee is assessed to students who wish to purchase a picture ID.

11. Transcript Fee: An official transcript of a student’s record is obtained by completing an online transcript request form. Sealed transcripts sent directly from the College to the destination requested by the student are considered official unless unsealed. There is no charge for the first two official transcripts provided a student orders the transcripts through the Admissions and Records Office (allow minimum of 21 working days).
**Admissions and Registration Procedures**

12. **Duplicate Diploma Fee:** There will be a fee of $25.00 for a duplicate diploma.

13. **Credit by Examination Fee:** Students wishing to apply to challenge a course to receive credit by examination must submit a $25.00, non-refundable fee to complete the application process.

14. **Enrollment Verification Fee:** Students requesting enrollment verification pay a nominal fee. Enrollment verifications are obtained by completing an online request form. Enrollment verifications requested for the purpose of student loan deferment are fee exempt.

**PLEASE NOTE**

All fees are subject to change according to changes in the California Educational Code and the State Legislature. All information relative to enrollment fees and health fees is subject to change as mandated by the California Community College Board of Governors and California law.

**ACCIDENT INSURANCE**

The Health Fee entitles students to accident insurance. This policy covers accidents on campus or campus related activities only. Athletes engaged in the interscholastic sports have separate coverage.

**MEDICAL INSURANCE**

Students may voluntarily purchase supplementary health insurance to cover sickness and hospitalization at minimum cost. This insurance is required for all foreign students each semester.

**REFUND POLICY**

Students receive an automatic refund if: (1) the college cancels a class or (2) makes a time change in a class schedule; or (3) if the student finds it necessary to drop a class or classes within the deadline to be eligible for a refund. Refunds are issued beginning the fourth week of the semester and mailed to the student's address on file with Admissions and Records.

**LIMITATIONS ON FEE REFUNDS**

Enrollment, Student Center, and Student Representation Fees are refundable if class is dropped on or before the "last day to drop and be eligible to receive a refund." See Academic Calendar (page 5) for deadline dates. Contact the Admissions and Records Office for deadlines attached to short-term classes.

The student health fee is refundable if classes are dropped on or before the "last day to drop and be eligible to receive a refund" if the student completely withdraws from school. It is not refundable for a reduction of program.

Nonresident and foreign student tuition fees are refundable for a reduction of program or a complete withdrawal. See Academic Calendar for deadlines to drop and be eligible to receive a refund.

Refunds of $10 or more are processed automatically beginning the fourth week of the semester and mailed to the student's address on file with Admissions and Records. Students may request a refund prior to that time by completing a refund request form available in the Admissions and Records Office.

**PARKING FEE REFUNDS**

The parking fee is refundable if classes are dropped on or before the "last day to drop and be eligible to receive a refund," if the student completely withdraws from school. The parking sticker must be returned to the parking office to receive a refund.

**RETURNED CHECKS**

**Business Services Office**

A service charge of twenty-five dollars ($25.00) will be assessed for any check returned to College of the Desert by a bank. Students who have a returned check will be notified by the Business Office. A hold will be placed on the students’ records preventing any registration activity (including registration for subsequent terms), having transcripts sent, and verification of enrollment or other transactions. The hold will remain until the financial obligation is met. Students who have two or more checks returned by their bank will be placed on “cash-only” status and required to make all future payments in cash.

**College Bookstore**

A service charge of twenty-five dollars ($25.00) will be assessed for any check returned to the College Bookstore by a bank. Students who have a returned check will be notified by the Bookstore. If payment is not made within 10 days of notification, the bad check will be turned over to the Riverside County District Attorney Bad Check Restitution Program.
STUDENT LIFE

ACTIVITIES and CLUBS

Through the Office of Student Life, College of the Desert offers a variety of campus clubs and organizations for every phase of campus life. They provide opportunities for students in social, service, curricular, and special interest programs. Students are encouraged to participate in campus organizations.

Each year new clubs are chartered as they are requested by the students. A sample listing of clubs includes:

- Architecture Club
- Ballet Folklorico
- Business & Economics Club
- Campus Crusade For Christ Club
- International Club
- Latina Leadership Network
- M.E.Ch.A.
- MESA Club

Every club is a part of ASCOD, which meets regularly to discuss activities, projects and problems pertaining to its members. Students will have an opportunity to learn more about starting their own student club or joining an existing one by participating in Club Rush Week, which occurs at the beginning of each semester. For more information, please visit the Office of Student Life located in the Hilb Student Center or call (760) 862-1317.

ASSOCIATED STUDENTS of COD (ASCOD)

In keeping with the philosophy of College of the Desert, the responsibility for student government is placed with the students. Regularly enrolled students of the college are encouraged to be participating members of ASCOD.

College of the Desert supports an active ASCOD organization. One student from campus is elected each year to serve as Student Trustee and to represent the general student population at the regular meetings of the Board of Trustees. ASCOD has adopted a constitution incorporating rules and regulations which provide for a governing body that reflects the interests of the entire student population. For more information, please visit the Office of Student Life located in the Hilb Student Center or call (760) 776-7317.

BOOKSTORE

The College of the Desert Bookstore contains all COD textbooks, whether required or optional. The bookstore also carries school supplies (imprinted and non-imprinted), BarCharts, and reference materials to assist students in their academic endeavors. In addition, College of the Desert clothing and giftware is also available, as well as a wide variety of snacks and sundries. The bookstore accepts all major credit cards, and personal checks for the amount of the purchase with appropriate ID. Gift cards are available for purchase and replenishment. Bookstore hours are listed in the class schedule each semester. The Bookstore is open extended and weekend hours during back to school periods. Students can also view the booklist and order their books for shipping or in-store pickup by visiting the "site map" portion of the college website or at: www.codesert.bkstr.com.

FINANCIAL AID

College of the Desert provides financial assistance in the form of grants, scholarships, loans, and part-time employment for students who meet specific financial aid program eligibility requirements. If you believe that you and your family will not be able to pay for all of your educational costs, you are encouraged to apply for financial aid.

How to Apply

To be considered for financial aid, you must complete the Free Application for Federal Student Aid (FAFSA). The FAFSA is available online at www.fafsa.ed.gov in January of each year. The FAFSA must be submitted and processed before you can be considered for financial aid. All financial aid applicants who are California residents should also apply for the BOG Waiver, as well as the Cal Grant from the California Student Aid Commission.

After the Financial Aid Office receives your FAFSA data, you may be required to submit additional documents directly to the office - this request may include copies of federal income tax returns and/or verification of untaxed income and other information reported on the FAFSA.
In addition to the FAFSA application process, students must meet other requirements such as Ability-to-Benefit and Satisfactory Academic Progress (SAP) policy requirements. Contact the Financial Aid Office for further details.

The Financial Aid Office will continue to process files and award students as long as funds are available. If you apply as early as possible, you improve your chances of receiving financial aid from all programs for which you are eligible.

**Repayment of Funds**

In accordance with federal law, students who receive federal financial aid and withdraw from all of their classes on or before the 60 percent mark of the semester may be required to repay any unearned grant and/or loan funds they have received. The amount will be calculated by the College using the formula specified by federal regulation. All money received in the form of Pell Grants and Supplemental Educational Opportunity Grants and/or Stafford and PLUS loans will be subject to repayment requirements.

**Types of Financial Aid Programs Available at COD**

Students who are eligible for financial aid at College of the Desert may receive any of the following:

- **Pell Grants** - The Federal Pell Grant is free grant assistance that does not have to be repaid. These grants are available to assist students in meeting educational costs. Federal Pell Grants are targeted to students with very high financial need. Even if you do not qualify for a Pell Grant, you may be eligible for other forms of financial aid.

- **Cal Grants B & C** - State-funded grants awarded by the California Student Aid Commission to California residents who may apply for and qualify on the basis of merit, financial need or vocational objective.

- **Board of Governors Enrollment Fee Waiver (BOG)** - State fee waiver program designed to offset the cost of the enrollment fee for eligible students who qualify based on the receipt of financial aid, public assistance or who meet specific income standards.

- **Cooperative Agencies Resources for Education (CARE)** - State-funded program to encourage single parents on TANF/CalWORKs to enroll and may provide counseling, financial aid and child care assistance.

**Extended Opportunities Programs and Services (EOPS)**

Funded by the State of California, this program is restricted to low-income, educationally disadvantaged students and may include grants, books and counseling services.

**Federal Supplemental Educational Opportunity Grants (FSEOG)** - Federally funded grants awarded to a limited number of eligible students who can demonstrate exceptional financial need.

**Scholarships** - Scholarships are awarded on the basis of merit and academic promise, financial need, major, or other criteria as specified by the donors of each fund. The number and types of scholarship awards available, as well as the scholarship application procedures, vary. The COD Scholarship application process is available online in March of each year and closes in April.

**Federal Work-Study Program (FWS)** - This program provides those students with financial need part-time work to earn money to help pay educational costs. The amount of a FWS award depends on the student’s financial need, the amount of other financial aid being received and the availability of FWS funds at College of the Desert. Pay rates may vary, but will not be less than the current minimum wage. Students must be enrolled in a minimum of six (6) units to participate in the FWS program.

**Emergency Book Loans** - Are available to students at the beginning of each semester for the purchase of books and are repaid by the Pell Grant, other financial aid or employment.

**Federal Stafford Loan** - This is a Federal student loan and must be repaid. Stafford Loans are low-interest loans made to undergraduate students attending accredited schools at least half-time. Eligible expenses covered by Stafford Loans include tuition and fees, books and supplies, transportation, and living allowances.

**Federal Unsubsidized Stafford Loans** - Available to students who do not demonstrate financial need.

**Scholarships**

A number of different scholarships are awarded each year to qualified students by the College of the Desert Financial Aid Office based upon academic merit and promise, major or vocational objective, activities or other skill or affiliation, and sometimes, financial need as specified by the various donors. Both continuing and
transferring students are eligible for these awards which may range from $100 to $2,000 per academic year. Scholarship applicants must not yet have a Bachelor’s Degree, must have completed six units at College of the Desert and must be enrolled on at least a half-time basis (6 units or more) in order to be considered for most of the awards.

COD Scholarship applications are available online in March of every year and close in April. A partial list of the scholarships, donors or funding that may be awarded by the Financial Aid Office on an annual basis can be found in Chapter 1 page 10. Each program has specific eligibility criteria.

For additional information on Financial Aid, please call the COD Financial Aid Office at (760) 773-2532 or you may go online to www.collegeofthedesert.edu, select “Students,” and then select the Financial Aid icon.

**FOOD SERVICE**

The COD Café offers a variety of food and beverage items for students. The COD Café is located in the Dining Hall Building, located on the south end of campus near the Administration building.

**HEALTH SERVICES**

The Student Health Services (SHS) Offices are located in the Hilb Student Center. A professional nurse is on duty daily to provide services to students which include health evaluations, first aid, emergency evaluation, health education and consultation, referrals, and intake for making appointments with the College Physician. Vision screening, blood pressure screening, blood glucose, mononucleosis testing, urinalysis for specific illnesses, and throat cultures for throat infections are also available at the SHS Offices. HIV screening is provided by an outside agency, generally once a semester. Flu vaccine is seasonally available for a fee. TB testing is available weekly and a service charge may be required. The College Physician is available one day a week for treatment of mild illnesses. The College Nurse also processes all COD student accident insurance claims. Information regarding additional student insurance for sickness and accidents is available through the SHS Center offices. Limited services are also extended to the Eastern Valley Campus students.

**HOUSING**

There are no facilities for on-campus housing at College of the Desert. Information regarding off-campus housing is posted on bulletin boards on campus. The College does not inspect or approve the posted facilities and assumes no liability or responsibility for agreements between landlords and the students.

**JOB PLACEMENT SERVICES**

Job placement services are available to all students through the Internet or the job development specialist. Students are encouraged to use the Career Center on a drop-in basis or by appointment for a variety of services including career assessment and decision making, current career information with computer printouts of job outlook, training and educational opportunities, and individual as well as group career counseling. The Career Center is located in the Administration Building.

**PARKING**

Students parking on the campus must purchase and properly display a College of the Desert parking permit. Citations are issued by College Security. Motorcycles and motorbikes are to park in areas reserved for them. Conveniently located parking lots provide parking for students’ and visitors’ vehicles. Red, Yellow, Blue and Black curb markings, all No-Parking signs, and Emergency Parking zones are to be observed at all times, day and night. Parking on or in front of ramps is forbidden day and night. Restricted parking is in effect from 7:30 a.m. to 10:30 p.m. Monday through Friday of each school week. Parking regulations may be found on the College website, or obtained from the Parking Office, located in Building C.

Parking for individuals with disabilities (blue curb marking) must be observed both day and evening. Permits are obtained from the Department of Motor Vehicles and must be displayed along with a valid COD parking permit when parking in any designated blue zone.

The College assumes no liability for vehicles parked on the campus.
SECURITY AND SAFETY
The College encourages all persons on campus to practice low-risk and defensive behaviors, and to be especially alert at night. Students and others are advised to park in well-lighted and trafficked areas, and to always lock their vehicles. Students should not pick up strangers or accept rides from persons they do not know.

If you suspect a crime is being committed against persons or property, call 911 or Campus Security at (760) 341-2111.

Safety and Security information published in accordance with the Crime Awareness and Campus Security Act is available upon request from the Security Office or on the college web site at www.collegeofthedesert.edu.

VARSITY SPORTS/ATHLETICS
College of the Desert is a member of the Foothill Athletic Conference. The conference includes these colleges: Antelope Valley, Barstow, Cerro Coso, Chaffey, College of the Desert, Mt. San Jacinto, Rio Hondo, San Bernardino Valley and Victor Valley.

At this time, the college participates in the following sports: for men - baseball, basketball, cross-country, football, golf, soccer, and tennis; for women - basketball, cross-country, golf, soccer, softball, tennis, and volleyball. Students interested in participating in varsity sports should contact the Athletic Department at (760) 773-2591.

ENRICHMENT ACTIVITIES
The college attempts to foster a casual co-curricular experience for students in the Hilb Student Center. Housed in the Student Center are the offices of the Associated Student Body, Student Life, International Education, and Student Health Services. Student Life offers a Student Leadership Course, student clubs of varying interest, meeting rooms, and facilities for socializing. These activities are open to all students. Many of the clubs, such as M.E.Ch.A. and ASCOD offer civil responsibility as one of their key components. All clubs encourage personal responsibility and intellectual growth.

The Hilb is frequently the site for Voter Registration activities as well as an “open house” for campus diversity activities. These include: International Day/Week celebrations; Council on Diversity activities; and a site for the various celebrations and recognitions of student achievement, such as the Dean’s List Tea for acknowledging academic achievement on the Dean’s List by students each semester, as well as Scholarship and Donor recognitions. These celebrations expose students to the rewards of diversity.

The Hilb Student Center is also a student art gallery where students display, view, and discuss sculptures and fine and pop art, expressing intellectual growth in an aesthetic environment. The Center is a focal point for students to gather and, as such, every opportunity is taken to invite students and staff to interact responsibly.

The student newspaper, The Chaparral, as well as the occasionally published student creative writing and poetry journal, The Solstice, encourages intellectual development of students. The Math Division offers occasional free lectures throughout the year regarding the world of mathematics to challenge students’ thinking.
LEARNING LABS AND RESOURCES

ACADEMIC SKILLS CENTER

The purpose of the Academic Skills Center (ASC) at College of the Desert is to provide learning opportunities that support regular classroom instruction. The staff of the ASC works closely with faculty to provide audio and video tape instruction, computer-aided instruction, and tutoring which helps students to practice and reinforce what they are learning in their courses. Priority is given in five areas: reading, writing, mathematics, English as a Second Language (ESL) and foreign languages.

In addition, as part of the College's Matriculation Plan, the ASC currently houses the Assessment Center and provides new students with introductory information about the College. The Assessment Center is responsible for administering the College's course placement exam for new students who are entering the college. For more information about assessment testing see Chapter 2 page 19, or call (760) 776-7413.

Through the Tutoring Center, the ASC also provides study skills assistance for any student enrolled in College and offers training for students interested in becoming tutors. Finally, English and ESL faculty are frequently available in the ASC to provide assistance to students in these areas.

Organized as a series of labs, the ASC is located in Building E. The hours of operation are listed in the current class schedule.

ASC Language Lab

The Language Lab provides support services in programmed cassette practice, video viewing, and computer-aided instruction so that students can develop their communicative skills in understanding, speaking, reading, and writing various languages. This state-of-the-art technological facility is equipped with interactive, multimedia software carefully chosen to enhance the satisfaction of second language learning.

Interactive programs are available for ESL, Spanish, French, Italian, and American Sign Language. The lab is supervised at varied times by qualified language instructors and is located in the ASC (Building E).

ASC Writing Lab

The Writing Lab primarily provides computer-based and tutorial support for students enrolled in English composition courses, but any student who is in need of writing support may enroll in an independent study lab section and use this lab. The lab provides access to computers for word processing, Internet Research, and access to a variety of software programs that teach grammar, punctuation, sentence structure, and paragraph and essay composition. Support staff help students with using computer software, formatting papers, and doing basic Internet research. The Writing Lab is located in room 6 of the ASC (Building E).

Virtual Academic Skills Center

The Virtual Academic Skills Center (VASC) is an index of Web Sites that support reading, writing, ESL, and the writing of research papers. All sites listed in the VASC have been reviewed and recommended by COD faculty. This is a free, web-based service for all COD students and is available 24 hours a day, seven days a week. Go to www.collegeofthedesert.edu/vasc.

LIBRARY

A Unique Collaboration: The Multi-Agency Library

The Multi-Agency Library is a unique partnership of three agencies: the City of Palm Desert, the Riverside County Public Libraries and College of the Desert. Library users have the opportunity to browse and select materials from both the COD and public library collections. By complementing each other's particular strengths, the public and academic libraries offer a greater variety of materials and services (research materials, community activities, children's programs, and local history information, etc.) to students and other library users in one convenient location. For more information please call (760) 773-2563.

Library Research Instruction

The College of the Desert Library staff also provides a variety of instruction to library users. Librarians are available to assist students and faculty to locate information and to assist with complex research projects. The library staff offers research instructional sessions to
students and faculty members and teaches nearly 100 such sessions during the academic year. Each instructional session is designed to meet the research level of the students in each session with subject-relevant research materials.

**The Collection**

The College of the Desert Library currently has over 55,000 print volumes and a new collection of over 18,000 electronic books. The Library subscribes to over 200 newspapers, magazines and academic journals in print. Additionally, the Library maintains subscriptions to a variety of electronic databases, accessible in the library, at our Eastern and Western Valley Centers and from home and other remote locations. The electronic databases include a wide array of research materials such as EBSCOHost, NewsBank, ProQuest, Opposing Viewpoints, ArtStor, Literature Resource Center, Encyclopedia Britannica, AccessScience and CountryWatch.

**MATH/SCIENCE STUDY CENTER**

This Study Center is located in the Math Building and provides math and science students with a place to study. There are areas available for those who like to work in small groups. Mathematics and science adjunct faculty are available to assist students in this facility during their office hours. Tutoring is also occasionally available. Software and videos, as well as Internet access, is available in support of college level mathematics and science classes. For more information please call (760) 674-3769.

**TUTORING CENTER**

The Tutoring Center provides tutoring for most courses offered at College of the Desert, with a particular emphasis placed on math and writing skills. Tutoring is primarily offered in scheduled small group sessions, though students in special programs can also receive one-on-one tutoring. Most tutors are COD students who have been recommended and trained by the staff of the Tutoring Center. The Tutoring Center is located in the Mind Shack at the East Annex. Hours of operation are listed in the class schedule each semester. For more information please call (760) 776-7241.

**ALTERNATIVE LEARNING OPPORTUNITIES**

**ADULT BASIC EDUCATION**

Recognizing the role of the community college in the area of developmental education, College of the Desert makes available courses not for college credit (noncredit) for development of necessary skills and knowledge in Adult Basic Education (reading, writing and math), High School Completion, and preparation for the General Education Development Test (GED). No enrollment fees are charged to students taking adult education courses.

Many courses are offered on an open-entry, open-exit basis. Admission of students occurs on a daily basis and no prior educational background is required. In addition to regular class offerings, emphasis is placed on self-paced, independent, student-centered learning. For more information please call (760) 776-7318. Specifically, instruction is provided in the following areas:

**Basic Skills**

Basic Skills is the study of reading, writing, and math. It is designed for adults to learn these skills. Basic Skills students will be better prepared to pursue further education, including GED and High School Completion, or pursue employment opportunities. Students may earn the following certificates of completion:

- Certificate in Reading Completion
- Certificate in Basic Math Completion
- Certificate in Advanced Math Completion
- Certificate in Basic English Completion
- Certificate in Advanced English Completion

**General Education Development Test (GED)**

General Education Development (GED) is the study of social studies, math, reading, writing, and science. Students completing this course of study will be better prepared to take the GED test. The GED certificate (Certificate of Secondary Education Completion/GED) is an alternative to a high school diploma and is accepted by many employers, community colleges, vocational training programs, and governmental agencies. For more information please call (760) 776-7318.
**High School Completion**

High School Completion is the study of subjects required to obtain a high school diploma. Students completing their required coursework and passing the proficiency exams will receive a high school diploma (Certificate of Secondary Education Completion) issued by College of the Desert. For more information please call (760) 776-7318.

**ADVANCED TRANSPORTATION TECHNOLOGY AND ENERGY CENTER**

The College has created the nation’s first training center for technicians who repair and maintain advanced fuel vehicles such as compressed natural gas (CNG) and liquid petroleum gas (LPG), and is preparing training programs in other alternate fuel systems such as electric vehicles (EV). These technician training programs are designed to meet the needs of the emerging advanced transportation technology systems in the Coachella Valley and were developed in partnership with SunLine Transit Agency, the Southern California Gas Company and the Chancellor’s Office. For more information please call (760) 773-2545.

**COD/CSUSB PRE-NURSING PROGRAM**

College of the Desert and California State University, San Bernardino, Palm Desert, offer a joint Bachelor’s in Nursing program. Students accepted into the CSUSB pre-nursing cohort begin with undergraduate prerequisite courses at College of the Desert, and once admitted to the CSU nursing program, complete nursing and upper division requirements at CSUSB Palm Desert. Students interested in this program should contact the COD Counseling Center at (760) 773-2520.

**COD Courses (number of units):**
- BI-013 (4)
- BI-014 (5)
- BI-015 (5)
- CH-004 (4)
- CH-005 (4) or CH-006 (2)
- ENG-001A (4)
- HIST-017 or 018 (3)
- MATH-013 (4)
- PS-001 (3)
- PSY-001 (3)
- PSY-003 (3)
- SOC-004 (3)
- SP-004 (3)
- 3 Arts/Humanities Electives (9)

**COMMUNITY EDUCATION**

Community Education offers a variety of informative and skill-based courses to meet the educational needs of students preparing for a new career, working toward continuing education units, or pursuing lifelong learning. Our accelerated, not-for-credit, short-term course format is designed for adult learners and is compatible with busy schedules. Community Education offers learning opportunities that support professional development and improve business performance. For more information please call (760) 773-2545.

**CONTRACT EDUCATION**

The College offers custom designed training programs for every level of employee from entry-level communication/basic skills to executive level specialized training. All programs are developed in consultation with the employer and delivered at a time and location suitable to the employer on a fee basis. The Office of Contract Education has successfully developed and delivered training programs to many area medium and large businesses, corporations and public agencies utilizing faculty or industry specialists. For more information please call (760) 773-2545.

**INDEPENDENT STUDY PROJECTS (1-3 Units)**

Available to students carrying six or more units, Independent Study is designed to:

1) extend students’ knowledge and understanding of subject matter beyond the stated objectives of the course in which they are registered; or

2) provide means to earn credit in an academic area where they have exhausted all available course options. In this case, the Independent Study course should be degree or certificate applicable.

Independent Study credit is given on a “lab” value basis (1 unit=54 hours, 2 units=108 hours, 3 units=162 hours) in which students work independently under the direction and guidance of the instructor. A maximum of six units of individual study is accepted toward the A.A. and A.S. Degree.

The appropriate Dean must approve the project before the student registers for the course. It is recommended that Independent Study Projects for 3 units begin prior to the 4th week of the semester; for 2 units, prior to the 7th week; and for 1 unit, prior to the 10th week. Please call the Division office for further information.
INSTITUTE FOR SALES & SERVICE EXCELLENCE

The Institute for Sales & Service Excellence provides training for employees in the retail and hospitality sectors. Entry level training, management seminars and courses for continuing education units are offered through the Institute. For more information please call (760) 773-2545.

INTENSIVE ENGLISH ACADEMY

Students who are in need of additional English training prior to their studies, or just want to improve their language skills, can study at the Intensive English Academy (IEA). The IEA consists of 30 hours per week of instruction and lab work. This fee-based program includes classes in reading, writing, grammar, listening, conversation and TOEFL training (advanced level). Classes are offered from the beginning to advanced level. The IEA course offers both 8-week and 16-week sessions.

More information on our programs or an application can be obtained by visiting our website at www.collegeofthedesert.edu/international, or by contacting our office at:

International Student Office
43-500 Monterey Avenue
Palm Desert, CA, 92260;
by email: cdelgado@collegeofthedesert.edu
by telephone: 001-760-776-7205
or by fax: 001-760-862-1361.

LEARNING COMMUNITIES

A Learning Community involves a common group of students enrolled in a linked group of courses designed to share a common theme or common set of teachers. Together, students have the opportunity to develop a deeper understanding and integration of the material they are learning, as well as more opportunities for interactions with one another and their teachers.

When you register for a Learning Community, you are getting more out of your college experience because these communities engage your interest, intellectually challenge you to think, build a sense of community and contribute to making friends. As a result, you are more likely to progress successfully toward completing your educational goals.

Since Learning Communities often have limited seating, enrollment requires that students obtain an approved signature from a learning community faculty member or counselor on a specially prepared registration form. More specific enrollment instructions can be found in the Schedule of Classes each semester. For more information please see a Counselor in the COD Counseling Center or call (760) 773-2520.

SCHOOL-TO-CAREER (STC)/TECH PREP

STC and Tech Prep are part of a nationwide educational reform movement that creates a seamless curriculum between high schools and community colleges. During the last two years of high school, juniors and seniors may choose a major course of study in one of the programs. Locally, those programs are linked to two-year associate degree and certificate programs at College of the Desert.

The STC/Tech Prep programs at College of the Desert may include accounting, business, business management, computer science, real estate, small business systems, office automation and marketing, vocational nursing, nursing assistant, computer information systems, architecture, automotive technology, etc. COD offers 37 vocational programs which can be linked with high school programs to form a four-year tech prep program.

Students who complete STC/Tech Prep programs are prepared for entry-level employment, advanced technical training or advanced education at a four-year university. For more information please call (760) 862-1319.
Virtual Valley Center
for Online Classes

College of the Desert offers nearly 100 sections of online classes covering a wide variety of academic disciplines. These include Administration of Justice, Computer Information Systems, Computer Graphics, Digital Design and Production, Economics, English, Health, Mathematics, Natural Resources, Programming, Sociology, Spanish, and Web Publishing. See the class schedule for a complete listing.

Online courses have the same transfer status and prerequisites as traditional on-campus classes, and are subject to the same standards of academic quality. The difference is that the student completes his or her coursework asynchronously via email, electronic bulletin boards and chatrooms. This can be a tremendous advantage for those students who have trouble getting to the campus or who have schedules that do not allow them to take classes scheduled at specific times. Online students must have their own computers and Internet access, and must be proficient in using the Internet, a word processing program and email.

For further information, please visit the Desert Online home page at www.desertonline.net or contact Tom Gillman, the Coordinator of the Virtual Valley Center, at tgillman@desertonline.net.

Workplace Learning Resource Center

Sponsored by the Chancellor’s Office Economic & Workforce Development Program, this center specializes in assessing the skills and abilities of employees at local businesses and designing and delivering appropriate workforce training programs to strengthen basic and intermediate skills required to improve employee performance. For more information please call (760) 773-2545.
Chapter 5 - Student Support Programs & Services

ACES
The Academic Counseling & Educational Services (ACES) program is a Student Support Services program under the federally funded TRIO programs. Supported by the U.S. Department of Education, the ACES program assists low-income, first generation college students to graduate and transfer from College of the Desert. Services include:

- academic, personal and career counseling services;
- tutoring services;
- opportunities to attend college tours at four-year colleges and universities;
- opportunities to attend various cultural events and student leadership conferences;
- access to borrow a scientific calculator and/or laptop computer.

Eligible ACES students are also provided with financial aid stipends. For more information about eligibility requirements or to request an application, please visit the TRIO Programs building located in the Central Annex or call (760) 776-7347.

CALIFORNIA MINI-CORPS
The California Mini-Corps program is a statewide program that places college students in local elementary and high schools in an effort to develop future teachers. College of the Desert students who join the Mini-Corps program will provide academic support to students from migrant family backgrounds and serve as a liaison between the child’s parents and the local school systems. To be eligible to participate in the Mini-Corps program, a student should come from a migrant family background and be enrolled in 12 semester units. To learn more or to request an application, please call (760) 862-1316.

CalWORKs
College of the Desert students who are also TANF recipients, as identified by the County of Riverside, are eligible to receive specialized services to assist them in achieving their educational goals. These services include book vouchers, work study opportunities, resources for child care and academic support. To learn more about the California Work Opportunity and Responsibility to Kids (CalWORKs) call (760) 862-1343.

CAREER CENTER
The Career Center is available to all students for a variety of services including career assessment and decision making, current career information with computer printouts of job outlook, training and educational opportunities, and individual as well as group career counseling. Job placement services are also available in the Career Center through Internet resources and through a special partnership with the Employment Development Department (EDD) of California. The Career Center is located in the Administration building adjacent to the Counseling Center. For more information and hours of operation, please call (760) 862-1351.

COUNSELING & ADVISING SERVICES
As part of the College’s Matriculation plan, all students have the right to receive counseling and advising services. New students will attend orientation and receive counseling assistance to establish an appropriate education plan and register for courses. Continuing students without a selected major will be advised by counselors until they have selected and declared a major. After deciding on a major, students are referred to a faculty advisor within the discipline of study in which the student is majoring. Students who are seeking these services should start by contacting the COD Counseling Center at (760) 773-2520.

COUNSELING CENTER
The primary goal of the Counseling Center is to provide learning opportunities for students to clarify their values and goals, to make decisions, and to develop self-esteem, self-confidence, and self-direction as related to their educational objectives.

Toward this goal, our staff of highly trained and diversely experienced professional counselors are available to assist students with identifying their needs, assessing their strengths, and overcoming barriers. Counselors can assist students in selecting the appropriate programs of study relative to their chosen objectives. Educational objectives may include completion of a vocational program, transfer major to a four-year college or university, enhancement of employment skills, or improvement of basic skills. Services available include:

- Academic, Career, and Personal Counseling
- Development of Student Educational Plans (SEPs)
- New Student Orientation
- Crisis Intervention
- Student Success and Study Skill Development Courses and Workshops
- Information about Campus Resources and Financial Aid
Counseling services are offered to day and evening students. Appointments are encouraged and can be made by telephone or in-person. Counselors are also available on a limited basis for drop-in counseling. To see a counselor or to obtain more information, please visit the Counseling Center, located in the Administration Building, or call (760) 773-2520.

Counseling Services are also available at the College’s Eastern Valley Center. Appointments are required and can be made by calling (760) 776-7200.

**DISABLED STUDENTS PROGRAMS AND SERVICES (DSPS)**

Students with disabilities at College of the Desert participate in the same activities and courses as any student. Special services are offered to provide a more equitable classroom experience and to help successfully integrate the student into college life. Such services include: priority registration, tutoring, interpreters, notetakers, specialized counseling, and special equipment to those who qualify.

Disabled Students Programs and Services (DSPS) provides special instructional opportunities to qualified students. Participation is voluntary. Interested students must meet with the appropriate DSPS counselor to apply for these programs. Special instructional programs include: DSPS High Tech Center, WorkAbility III, and Adapted Physical Education courses.

The State Department of Rehabilitation also offers services to aid students who have physical, emotional, or other disabilities which handicap them in obtaining employment. All interested individuals are urged to contact the Learning Disabilities Specialist, a Counselor, or the Director of Student Health & Disabilities Services for further information: 760/773-2534; TDD 760/773-2598.

**EOPS & CARE**

The Extended Opportunities Programs & Services (EOPS) program is a state funded student services program designed to provide academic counseling and financial support to students who are from educationally and financially disadvantaged backgrounds. The EOPS program promotes student success with enrollment assistance, educational planning, tutorial support, and book service. Participation in this program is limited to California residents who are eligible to receive the Board of Governors (BOG) Waiver A or B, are in good academic standing, and are enrolled as a full-time student (12 units per semester).

EOPS-eligible students who are single, head of household CalWORKs recipients may also be eligible to participate in the Cooperative Agencies Resources for Education (CARE) program. In addition to the services mentioned above, the CARE program provides a Meal Program and financial assistance with child care.

For additional information about the EOPS and CARE programs, please visit the EOPS/CARE office located in the Counseling Center (Administration Building) or call (760) 773-2539.

**INTERNATIONAL EDUCATION PROGRAM**

College of the Desert believes that international students add to the multiculturalism and diversity of our campus. We have an active International Education Program with over 200 international students from 35 different countries studying at our campus. The International Student Office is committed to assisting international students during their studies at the College. We offer extensive services to support international students throughout their studies at COD. Services include orientation, international student counseling, tutoring, university transfer assistance, academic advising, activities, immigration advising and housing assistance.

Although there are no dormitories on-campus, this office offers an American Host Family program and assistance in securing off-campus apartments.

More information on our programs or an application can be obtained by visiting our website at [www.collegeofthedesert.edu/international](http://www.collegeofthedesert.edu/international), or by contacting our office at:

- International Student Office, 43-500 Monterey Avenue, Palm Desert, CA, 92260;
- by email: cdelgado@collegeofthedesert.edu;
- by telephone: 001-760-776-7205;
- or by fax: 001-760-862-1361.

**Mathematics, Engineering, Science Achievement Program (MESA)**

MESA is an academic enrichment program that serves educationally disadvantaged students and emphasizes participation by students from groups with low rates of eligibility to four-year institutions. MESA offers curricular and extracurricular services to increase the numbers of students who transfer and ultimately graduate with degrees in math-based and science-based fields. These areas include, but are not limited to, physical sciences,
life sciences, computer science, engineering, pre-medicine, pre-veterinary, nursing (B.S.), pre-pharmacy, and architecture. The MESA Program provides support through the following:

- Academic Excellence Workshops
- Tutoring
- MESA Student Study Center (South Annex, Room 9)
- Textbook Loans
- Career Advising
- Internship and Job Information
- Transfer Assistance to Four-year Institutions
- Scholarship and Financial Aid Assistance
- Orientation Course for Math and Science Majors
- Field Trips to Universities, Industry Sites, and Special Events.
- Part-time Student Employment

The MESA Program is administered by the Math & Science Division. For additional information, call (760) 776-7455 or email the Director at cfarmer@collegeofthedesert.edu.

**McCARTHY FAMILY CHILD DEVELOPMENT & TRAINING CENTER**

The Child Development Center is open to children in the area between the ages of 12 months and 5 years without regard to race, color, disability, religion, ancestry or national origin. The Center serves as a preschool teacher-training site and a model program, as well as a comprehensive preschool program. For additional information, call the center at (760) 862-1308.

**NEW HORIZONS BOOK LOAN PROGRAM**

The New Horizons Book Loan program provides low-income students with books for eligible courses. The book loan program is funded through the Carl D. Perkins Vocational and Applied Technology Act of 1998 (VTEA), a state funded grant to improve the vocational and technical education programs in California. To be eligible to participate in this book loan program, students must be recipients of the Board of Governors tuition fee waiver (BOG) and meet other specified criteria. To learn more or to request an application, please call (760) 773-2571.

**TRANSFER CENTER**

The Transfer Center provides students and staff with the most current transfer information to help ensure that students experience a smooth transition to four-year colleges and universities. Applications, catalogs, and other resource materials, including Internet access, are available to students who are committed to transfer as well as to those who are exploring the possibility of transfer. Students may talk with a COD counselor and/or meet with admissions advisors from several colleges and universities, including California State University, San Bernardino and University of California, Riverside.

Each fall semester the Transfer Center hosts College and University Day, during which representatives from California State University, the University of California and private and independent schools meet with prospective COD transfers. This annual program provides an excellent opportunity for students who are exploring transfer options to learn about various colleges’ academic programs, transfer admission requirements, fees, housing and other student support services. University application workshops and financial aid information are also provided. For more information, contact the Transfer Center at (760) 862-1351.

**UPWARD BOUND**

Upward Bound (UB) is a federally funded TRIO program supported by the U.S. Department of Education. The UB program provides academic and counseling support to local low-income high school students who would be first-generation college students. The UB program requires students to attend two Saturday Academies per month, a six-week summer program and after-school tutoring. Some benefits of the program include academic and cultural field trips, a laptop loan program, and financial support. Please visit the TRIO Programs building located in the Central Annex or call (760) 773-2541 to request an application or to get more information.

**VETERANS SERVICES**

The Veterans Office was established to assist eligible veterans, dependents and reservists in obtaining their VA educational benefits and achieving their educational goals. The Veterans Office provides information on veterans’ benefits and services, assists applicants with completing applications and forms necessary for VA benefits, and assists veterans with referrals to other agencies and resources.

College of the Desert is approved for the training of veterans, dependents, and reservists leading to a certificate, an Associate Degree or transfer to a four-year institution. The Veterans Office is located in the Admissions & Records office in Building C. For more information please call (760) 773-2536.
PETITIONS FOR EXTENUATING CIRCUMSTANCES

The Dean of Enrollment Services has established a Petition Review Committee to review and take action on student requests for waiver of academic regulations and policies. Students may petition the Committee when, in the student's opinion, a particular academic regulation or policy is not applicable in a specific situation. It is the responsibility of the student petitioning to provide documentation.

Contact the Admissions & Records Office for procedures or go online at www.collegeofthedesert/admsonlineforms.

COURSE PREREQUISITES, Corequisites, Advisories, and Other Enrollment Limitations

Complete course prerequisites, corequisites, and advisories are listed in this catalog after the course descriptions. These requirements are intended to ensure students a reasonable chance of success. Questions regarding course eligibility should be discussed with your faculty advisor.

Prerequisite is a course or courses, skills, or a body of knowledge that students should possess prior to enrolling in a course or program. Prerequisites indicate the College of the Desert course which must be taken prior to enrollment in a given course. (In A,B,C,D sequences, A is usually prerequisite to B, etc.) Prerequisite requirements must be met before enrollment is permitted. Prerequisite courses must be completed with a grade of C or better.

Corequisite is a course or courses students are required to take simultaneously in order to enroll in another course. Corequisite represents a set of skills or a body of knowledge students must acquire through concurrent and continued enrollment in another course or courses in order to receive a C or better in the course requiring the corequisite.

Advisory is a condition of enrollment which students are advised, but not required, to meet before or concurrently with enrollment in a course or educational program. An Advisory suggests skills, experiences, or a body of knowledge with which students would achieve a greater depth or breadth of knowledge or skill development, but without which students are likely to receive a satisfactory grade.

Limitations of enrollment are restrictions imposed due to the nature of the course such as prerequisites, corequisites, intercollegiate competition, honors, public performance or restrictions imposed in the number of students who may enroll in a course subject to "first come, first serve" or due to health and safety considerations, facilities limitations, faculty workload, the availability of qualified instructors, funding limitations, the constraints of regional planning, legal requirements imposed by statutes, regulations, or contracts, or other such limitations as designated by the District.

The District has established procedures by which any student who does not meet a prerequisite or corequisite or who is not permitted to enroll due to a limitation on enrollment, but who provides satisfactory evidence, may seek entry into the class according to a challenge process.

Any prerequisite or corequisite may be challenged by a student on one or more of the following grounds:

1. The prerequisite or corequisite has not been established according to the district's process of establishing prerequisites and corequisites;
2. The prerequisite or corequisite violates Title V, Article 2.5, Section 55201 (Policies for Prerequisites);
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 stated prerequisite or corequisite;
5. The student will be subject to undue delay in attaining the goal stated in the student's educational plan because the prerequisite or corequisite course has not been made reasonably available.

The determination of whether a student meets a prerequisite or corequisite shall be made prior to the student's enrollment in the course.

The student is responsible and bears the burden for showing that grounds exist for the challenge. The challenge must be made in writing to the division dean prior to the student's enrollment in the challenged course.

Challenges shall be resolved by the division dean and/or appropriate faculty within five (5) school days of the receipt of the challenge.

If space is available in a course when a student files a challenge, the District shall reserve a seat for the student and the student is assured a seat in the class if the challenge is ultimately upheld. If no space is available in the course when a challenge is filed and, if the challenge is upheld, the student shall be permitted to enroll if
space is available when the student registers for that subsequent term.

Students who are seeking to challenge a course prerequisite or corequisite are encouraged to consult with a counselor in COD Counseling Center to receive guidance on the validity of a challenge prior to it being submitted.

**COURSE UNITS**

The term “unit of credit” is a measure of time and study devoted to a course. One credit unit is equivalent to one hour of lecture per week plus at least two hours of study outside of class or at least three hours of lab per week per semester. Many courses are made up of a combination of lecture sessions and laboratory sessions.

**FINAL EXAMINATIONS**

All students are expected to complete a final examination for all their registered courses as assigned by their instructor. All examinations will, so far as practicable, be conducted in writing and a maximum time will be assigned before each examination. Students are required to take the final examination at the appointed time and place in order to secure credit. Students who are in need of special accommodations should arrange this with their instructor well in advance of taking the final exam. Students who miss a final exam due to unforeseen circumstances, such as a sudden illness, should provide documented evidence to the instructor if the student is seeking a make-up exam. Any challenge or exception to this policy must be approved by the Division Dean or appropriate administrator.

**GRADE POINTS**

College of the Desert follows the same system of grade points used by most colleges and universities in the State to give an overall appraisal of the student’s level of achievement. Semester grades are assigned grade points as follows:

- **A** = 4 grade points per unit earned
- **B** = 3 grade points per unit earned
- **C** = 2 grade points per unit earned
- **D** = 1 grade point per unit earned
- **F** = 0 grade points per unit earned

Semester marks with no assigned grade points are as follows: I, P, NP, and W. Units for F grades are counted in computing grade point averages.

**GRADE POINT AVERAGE**

The grade point average (GPA) is computed by dividing all graded (A - F) units attempted into all grade points received. Note: Do not include the marks of W, I, P or NP. The following example illustrates the grade point average calculation.

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Grade</th>
<th>Grade Points Per Unit</th>
<th>Grade Points For Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 1B</td>
<td>3</td>
<td>B</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td>ART 7A</td>
<td>2</td>
<td>A</td>
<td>3</td>
<td>8</td>
</tr>
<tr>
<td>HE 1</td>
<td>3</td>
<td>C</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>NR 1</td>
<td>3</td>
<td>B</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td>NR 1L</td>
<td>1</td>
<td>B</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>HIST 17</td>
<td>3</td>
<td>A</td>
<td>4</td>
<td>12</td>
</tr>
</tbody>
</table>

**TOTALS** 15 47

Total Grade Points ........................................... 47

divided by Total Units Attempted ..................... 15
equals Grade Point Average (GPA). .............. 3.13
NON-EVALUATION SYMBOLS

The following non-evaluation symbols may appear on official college transcripts:

"I" (Incomplete) is a temporary mark assigned by the instructor when the instructor and student mutually determine that the student has been unable to complete course requirements by the designated ending date of the course according to the following definition.

DEFINITION (Section 55758): Incomplete academic work for unforeseeable, emergency and justifiable reasons at the end of the term may result in an "I" symbol being entered in the student’s record. The condition for removal of the "I" shall be stated by the instructor in a written record. This record shall contain the conditions for removal of the "I" and the grade assigned in lieu of its removal. This record must be given to the student with a copy on file with the Dean of Enrollment Services until the "I" is made up or the time limit has passed. A final grade shall be assigned when the work stipulated has been completed and evaluated, or when the time limit for completing the work has passed.

The "I" must be made up no later than one semester following the end of the term in which it was assigned.

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

An incomplete is issued only upon mutual agreement between the instructor and the student. The instructor and the student will agree upon course work and/or other requirements necessary for the removal of the incomplete mark and the grade to be assigned, as well as the grade to which the incomplete will default if the requirements are not met. The student is expected to make up the incomplete by the end of the semester immediately following the receipt of this mark or the grade could default to an "F." In unusual circumstances the student may petition the instructor for a one-semester extension.

The Incomplete Grade Form is issued only to instructors. In addition to the terms of agreement as outlined in the previous paragraph, this form will contain the student’s signature and the instructor’s signature. The student and the instructor will each retain a copy of this agreement. A third copy will be kept on file with the permanent roster in the Admissions and Records Office.

"IP" (In Progress) is a mark used only for those courses which extend beyond the normal end of an academic term. This mark indicates that work is in progress and that upon completion of this work an evaluative symbol (grade) will be assigned. The "IP" shall not be used in calculating grade point average.

"RD" (Report Delayed) is a mark used when there is a delay in reporting the grade of a student due to circumstances beyond the student’s control. This mark is a temporary notation and is to be replaced as soon as possible by a permanent symbol. Only the Admissions Office may assign the "RD" mark. The "RD" notation shall not be used in calculating grade point average.

"W" (Withdrawal) is a mark assigned to students who withdraw after 30 percent, or the fourth week of the term (whichever is less), and prior to 75 percent of the term. Withdrawal after the 75 percent point is not possible. If there are extenuating, documented circumstances such as an accident, hospitalization, or other conditions beyond the student’s control, the student may petition for an administrative withdrawal in the Admissions and Records Office.

GRADE CHANGE POLICY

The College adheres to the following policy and procedures for issuing and changing grades.

1. The instructor of record for the class has the right to issue a letter grade to a student. Once a grade has been given, that grade is final.

2. A change of grade may be made in only one of two ways:
   a. An INCOMPLETE (I) is changed to a final grade. See GRADING SYSTEM, Non-Evaluation Symbols for definition and limitations.
   b. GRADE CHANGE in the absence of demonstrated error, fraud, bad faith, or incompetence, only the course instructor has legal authority to change a final grade.

3. The Dean of Enrollment Services shall approve all Change of Grade and Incomplete Grade forms based upon the Grading Policy adopted by the Board of Trustees.

4. All requests for Grade Changes that do not adhere to the Grading Policy shall be returned to the instructor submitting the request.

GRADE APPEALS

The student shall first attempt to solve the problem with the instructor involved. If the problem is not solved, the student may follow the steps outlined in the Grade Grievance Procedure.
GRADE GRIEVANCE PROCEDURE

By law, an instructor is solely responsible for the grades assigned; no instructor may be directed to change a grade except in certain narrow circumstances authorized by the California Education Code, Section 76224(a), which reads as follows: “When grades are given for any courses of instruction taught in a community college, the grade given to each student shall be that determined by the instructor of the course and its determination, in the absence of mistake, fraud, bad faith, or incompetency, shall be final.”

When a student believes that the District grading policy has not been followed, and that the grade received for the course was the result of “mistake, fraud, bad faith, or incompetency,” the student MUST discuss this concern with the course instructor by the end of the fourth week of the following semester (excluding Summer). Any student who is not satisfied after meeting with the instructor, may choose to pursue a grievance.

FRAUD: A deliberate misrepresentation of the truth or a fact used to take money, rights, or other privilege or property away from a person or persons may be found to be fraud.

BAD FAITH: Bad faith may be found in an instance of an intent to deceive, in an act of dishonesty.

INCOMPETENCY: Incompetency may be found in a lack of ability, qualifications, fitness, or performance.

If a student files a grade grievance in accordance with the definitions and procedures described herein, and if, following the grievance procedures, it is found that the grade assigned has in fact been the result of “mistake, fraud, bad faith, or incompetency,” then a new grade will be assigned, and that grade will become the final grade.

The student must observe the following procedures. The procedures must be completed by the end of the following semester (excluding Summer School) during which the cause for grievance occurred.

LEVEL 1: The student meets with the instructor. Prior to filing a formal written grievance, the student must attempt to solve the problem. When grades are available, the student is expected to contact his or her instructor directly to discuss their differences not later than the fourth week of the following semester. At this stage most differences will be resolved. This contact should be conducted in the privacy of the instructor’s office whenever possible, and the pertinent issues should be well defined so that they may be discussed as objectively as possible.

If the problem cannot be resolved at this level, the student may, after informing the instructor that he or she plans to file a written grievance, progress to Level 2.

LEVEL 2: The student submits a written request for a meeting with the instructor’s dean to resolve the grievance. The written request must include, in detail, the student’s basis for initiating the grievance. The student shall initiate this request within five (5) school days after meeting with the instructor. The dean shall meet with the instructor and student within five (5) school days of reception of the formal grievance accompanied by all supporting data supplied by the student in an attempt to resolve the issue at this level. Any such meeting regarding a grade grievance will be closed to all observers.

At this level, if the issue can be resolved to the satisfaction of the instructor and student, and the action to be taken is to change a grade due to a mistake, the incorrect grade shall be removed from the student’s record. Within two (2) school days, the decision and proposed action of the dean will be communicated in writing with copies to the student involved, the faculty member involved, the Vice President of Instruction or designee, and the Office of Admissions and Records.

If the problem cannot be resolved at this level, the student may, after informing the instructor and dean that he or she plans to file a written grievance, progress to Level 3.

LEVEL 3: The student submits a written request for a meeting with the Vice President of Instruction to resolve the grievance. The written request must include, in detail, the student’s basis for initiating the grievance. The student shall initiate this request within five (5) school days after meeting with the dean and instructor. The Vice President of Instruction shall meet with the instructor, dean and student within five (5) school days of reception of the formal grievance accompanied by all supporting data supplied by the student in an attempt to resolve the issue at this level. Any such meeting regarding a grade grievance will be closed to all observers.

At this level, if the issue cannot be resolved to the satisfaction of the dean, instructor, and student, the Vice President of Instruction assumes the responsibility for arriving at a decision regarding the validity of the grievance and appropriate action to be taken. If the action to be taken is to change a grade due to a mistake, the incorrect grade shall be removed from the student’s record. Within
two (2) school days, the decision and proposed action of
the Vice President will be communicated in writing with
copies to the student involved, the faculty member
involved, the dean involved, and the Office of Admissions
and Records. **The Vice President of Instruction’s decision
completes and exhausts the Desert Community College
District’s Grade Grievance Procedure.**

The president or his/her designee may shorten or
lengthen the times specified in these procedures. The
intent, however, is to ensure that each and every step
will take place as expeditiously as possible.

**ACADEMIC HONORS**

**Dean’s List**
Students earning 12 or more credit units in a semester
with a grade point average of 3.50 or better are named
to the “Dean’s List” in recognition of their academic
achievements.

**Honor Roll**
Students earning 12 or more credit units in a semester
with a grade point average between 3.00 and 3.49 are
listed on the “Honor Roll.”

**Graduation Honors**
Students receiving associate degrees may graduate with
honors as indicated below. All grades earned at all
colleges attended will be included in the computation of
the cumulative grade point average for graduation honors.
Designations will be made on diplomas of all recipients
and recognized at Graduation for students who
participate. Academic honors are awarded as follows:

<table>
<thead>
<tr>
<th>Honor</th>
<th>Cumulative GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highest Honors</td>
<td>3.90 - 4.00</td>
</tr>
<tr>
<td>High Honors</td>
<td>3.75 - 3.89</td>
</tr>
<tr>
<td>Academic Distinction</td>
<td>3.50 - 3.74</td>
</tr>
</tbody>
</table>

**PROBATION, DISQUALIFICATION,
AND REINSTATEMENT**

Probation, disqualification, and reinstatement policies
and procedures are an important part of the Follow-Up
component of the College’s MATRICULATION PROCESS
and are designed to assist students in making progress
toward realistic academic, career, and personal goals.

**Standards for Probation**

ACADEMIC PROBATION occurs after a student has
attempted at least twelve (12) units, as shown by the
official academic record, and has earned a grade point
average (GPA) below 2.0 for all units graded according to
the established College grading scale.

PROGRESS PROBATION occurs after a student has
attempted at least twelve (12) units, as shown by the
official academic record, and has earned a grade of “W,”
“I” and/or “NP” in fifty percent (50%) or more of all units
attempted.

Students can be placed on both academic and progress
probation simultaneously. A student will be subject to
disqualification if the student remains on probation for
three consecutive semesters.

Students transferring to College of the Desert from
another college are subject to the same probation and
dismissal policies as College of the Desert students.

**Notification of Probation**

The College shall make a reasonable effort to notify a
student of their probationary status at or near the
beginning of the semester in which the probation will
take effect but, in any case, no later than the start of the
fall semester. As a condition of continuing enrollment, a
student placed on probation is required to receive
counseling services, including the regulation and
monitoring of his or her academic program. Each student
shall also receive any other support services to help him
or her overcome any academic difficulties. Prior to
registration, a student on probation must have counselor
approval of his or her educational program.

**Removal from Probation**

A student on academic probation shall be removed from
probation when the student’s accumulated grade point
average reaches 2.0 or higher.
A student on progress probation shall be removed from probation when the percent of units with an earned grade of "W," "I" and/or "NP" drops below fifty percent (50%).

Standards for Disqualification
A student on academic probation shall be subject to disqualification if in each of three consecutive semesters of enrollment the student’s cumulative and semester grade point averages are below 2.00 in all units attempted which were graded according to the established District grading scale.

Students on progress probation shall be subject to disqualification if progress probation has been earned for three (3) consecutive semesters of enrollment.

Notification of Disqualification
The college shall make a reasonable effort to notify a student subject to disqualification at or near the beginning of the semester in which the disqualification will take effect but no later than the start of the fall semester. A student subject to disqualification has the right of appeal. An exception to disqualification may be made in the event of extreme and unusual circumstances that can be supported by documented evidence provided by the student. Requests for appeal shall be submitted in writing to the COD Counseling Center and it will be reviewed by the Dean of Student Support Programs & Services or the Dean's designated representative. Disqualified students who register for classes without prior approval from the Dean will be administratively dropped from classes.

Reinstatement
A disqualified student applying for reinstatement shall not be reinstated until a minimum of one semester has elapsed since disqualification. A student applying for reinstatement must submit a written request to the Counseling Center. The request shall explain what circumstances or conditions would justify reinstatement. A student who is reinstated shall receive individual counseling to assess his or her academic and career goals and may be required to participate in periodic monitoring of their academic progress and/or take an assigned student development course. Prior to registration, a reinstated student must have counselor approval of his or her educational program.

REPETITION OF COURSES

Substandard Grades
A student who receives a grade of D, F, or NP for a course may repeat the course one time and receive a new grade and credits. The previous grade and credits are disregarded in the computation of grade point average and credits and appropriate annotation is made on the student’s permanent record in such a manner that both grades remain legible, insuring a true and complete academic history.

Where special circumstances exist, a student may be allowed to repeat a course a second time. Special circumstances include consideration of illness, accident, or other conditions which, being beyond the control of the student, resulted in his or her substandard work.

Applications to take a course a third time in which a grade of D, F, or NP has been received two times are available in the Admissions and Records Office. Students must apply well in advance of registration to allow the Academic Regulations Committee sufficient time to review the merits of the request.

Grades of "C" or Better
Students may take courses designated as repeatable in which they have been granted grades of C or better a maximum of four times. Students are not eligible to repeat any other course for which they have been granted a grade of C or better except where special circumstances exist which justify repeating the course. Special circumstances include:

1. The lapse of time - a significant number of years since the course was completed.
2. Changes in course content since the course was completed, or
3. Need to acquire knowledge or skills to be able to progress to higher level course work.

Grades earned in such cases are not included in the student’s grade point average. The credit is not awarded. The courses, grades and units will be listed on the student’s transcript.

Applications to repeat a course with a grade of "C" or better are available in the Admissions and Records Office. Students must apply well in advance of registration to allow time for the Petition Review Committee to review.
Each student is individually responsible for meeting all college requirements and deadlines, as presented in this and any other announcements of the college or department in which he/she is enrolled. Class schedule information is considered as supplementary to the college catalog and is also an official statement of policy.

The College intends that every member of the campus community be afforded a work and study environment free of discrimination based on race, sex, color, religion, age, national origin, disability, marital status, Vietnam era veteran status, sexual orientation, or ancestry. All persons are to be protected from abusive or harassing behavior.

**ACADEMIC RENEWAL POLICY**

1. A student may petition to have units and credits for all courses taken during one semester of college work eliminated from the computation of his/her cumulative grade point average.

2. Under extenuating circumstances a second semester consecutive with the first semester may be considered under the same regulations. Extenuating circumstances are beyond the control of the student and may include but are not limited to situations such as illness or injury to the student, or death or illness in the family. The student must supply documented evidence of all extenuating circumstances.

3. If the petition for academic renewal is granted, the permanent record of the student will be annotated so that it is evident to all users of the record that no units for work taken during the semester(s) covered by academic renewal, even if satisfactory, will apply toward graduation or other educational objectives. All courses, units, and grades shall remain legible on the permanent record to insure a true and complete academic record of the student’s college courses.

4. A student may repeat work taken during academic renewal semester(s) only if such repetition is necessary to allow normal progression toward an acceptable educational objective.

5. A student must include all work, including academic renewal semester(s), in the computation of the cumulative GPA toward any honors program.

6. No part of the regulation and procedures shall conflict with:
   a. Education Code, Section 76224, pertaining to the finality of grades assigned by instructors,
   b. Chapter 2.5 of Division of Title 5 (commencing with Section 59020) pertaining to the retention and destruction of records, and particularly Section 59023 (d), relating to the permanency of certain student records.

7. The Dean of Enrollment Services shall maintain records of all actions taken under this regulation and a yearly review of this regulation shall be made by the Educational Policies and Practices Committee.

**REQUEST for ACADEMIC RENEWAL**

1. A student seeking academic renewal is responsible for presenting evidence to show:
   a. that the previously recorded courses were substandard academic performance and are not reflective of his/her current academic ability, and
   b. that the student is enrolled in a defined educational program.

   Evidence of academic ability since the semester in question shall include one of the following:
   a. 15 semester units with a minimum of a 3.00 GPA
   b. 30 semester units with a minimum of a 2.50 GPA
   c. 45 semester units with a minimum of a 2.00 GPA

2. At least 12 months must elapse between the date of the request and the semester for which academic renewal is sought.

3. A student may request academic renewal only once.

4. The request for academic renewal shall be directed to the Office of Admissions and Records.
ATTENDANCE

FIRST CLASS MEETING
It is extremely important that students attend the first class meeting of any course for which they register because instructors may drop students who do not appear in order to make room for others who may desire to take the class. If a student is dropped as a “no-show” for nonattendance, it is the student’s responsibility to re-register into the class via the telephone registration system, WebAdvisor, or by contacting the Admissions and Records Office. Additionally, students will only be allowed to re-register if the class has space available and if they meet the registration deadlines as established in the Schedule of Classes.

PLEASE NOTE: Students are held accountable for every course in which they are registered and are responsible for their own class schedule and any changes made via the telephone registration system, WebAdvisor or notification to the Admissions and Record Office. If a student fails to drop or withdraw from a course by the established deadlines, the student may receive a grade of “F” for all courses.

CLASS ATTENDANCE
A student is expected to attend all class sessions. It is the student’s responsibility to contact instructors regarding any absence. The acceptance of an excuse for absence other than illness or official leave of absence is at the discretion of the individual instructor. When absences are excused due to personal illness or the serious illness or death of a member of the student’s family, or a field trip, or an authorized absence on behalf of the College, all work assignments to be made up must be described by the instructor to the student in advance of the absence when possible. It is the student’s responsibility to make up all class work missed to the standards for the course.

AUDITING CLASSES
The Desert Community College District does not allow auditing of classes at this time.

DISABLED STUDENTS PROGRAM

BACKGROUND
The Americans with Disabilities Act (ADA) is a civil rights statute that prohibits discrimination against people with disabilities. This protection is similar to that given to women, minorities, and others through the Civil Rights Act of 1964. Protected are an estimated 43 million Americans with disabilities that substantially limit activities such as working, walking, talking, seeing, hearing, or caring for oneself. People who have a record of such an impairment and those regarded as having an impairment are also protected. This federal legislation prohibits discrimination based on disability, with the intent that our nation benefit from the skills and abilities of all individuals and increase their opportunities for self-sufficiency.

STUDENT RIGHTS
Students have the following rights under Section 504 of the 1973 Rehabilitation Act, as revised (29 U.S.C. 794), The American Disabilities Act 28 CFR 35.102-35.104, CA Assembly Bill 803 Government Code Section 11135 et.seq., and Title V, section 56008 of CA Education Code.

• Right to voluntary participation in the Disabled Students Programs & Services (DSPS).
• Right to confidentiality and protected disclosure of student records.
• Right to access college classes, programs, activities, services and facilities to facilitate learning. The college will make every reasonable effort to provide access.
• Right to request an appropriate accommodation to facilitate participation in class and campus activities.
• Right to participate in campus activities, class demonstrations, or laboratory experiments to the extent that a disability does not pose a risk to the student or to other students.
• Right to protection against discrimination and harassment. Students have the right to participate in class and campus activities without being harassed or discriminated against. A right to request an appropriate accommodation to facilitate participation in class and campus activities.
If a student with a disability feels that he/she is the target of discriminatory treatment, the student can file a complaint with the 504 Coordinator.

Contact Person: Director of Student Health & Disability Services
Phone: 760/773-2534
TDD 760/773-2598
Location: DSPS Office, Ad-3
Hours: Monday–Friday, 8:00a.m.–5:00p.m.

STUDENT RESPONSIBILITIES
- To provide DSPS documentation of disability.
- To request accommodations and access to college classes, programs, activities, services, and facilities in a timely manner, as described in the DSPS Student Handbook.
- To use accommodations appropriately.
- To notify DSPS approximately 24 hours in advance for planned absences from classes where services are being provided, i.e. interpreters, readers. Failure to notify DSPS may result in discontinued services.
- To abide by the College Student Conduct Standards.

DETERMINING NEED
Students who need academic adjustments must meet with a Disabled Students Programs and Services counselor/specialist to complete an application form, determine educational limitations and services needed, and complete a student educational contract. The DSPS Student Handbook names the accommodations the college can arrange and specifies the process and timelines for requesting them.

CONTACT THE DSPS OFFICE
The faculty and staff of the Disabled Students Programs and Services Office are available for consultation on any questions you may have related to accommodation for a disability. The highest standard of confidentiality is maintained.

Contact the Disabled Students Programs and Services Office, Room Ad-3.

Phone: (760) 773-2534
TDD: (760) 773-2598
FAX: (760) 862-1329

DISTRIBUTION OF NON-COLLEGE PUBLICATIONS
Students must receive permission from the Student Activities Office before posting or distributing any non-college materials. Such materials must have an official stamp of approval or will otherwise be promptly removed from circulation or bulletin boards.

DRUG-FREE WORKPLACE AND CAMPUS
The Desert Community College District intends to maintain a safe, healthful and productive work and learning environment for all employees and students. To accomplish this, the District will act to eliminate any drug abuse, which increases the potential for accidents, absenteeism, low academic and work performance, poor employee and student morale and damage to the District’s reputation. The manufacture, distribution, dispensation, possession, or use of an illegal drug or the unlawful possession, use or distribution of alcohol is prohibited in all buildings, property, facilities, service areas, off-campus sites of the District, or in any location where any District activity is occurring.

The District shall discipline a student, up to and including expulsion, for the unlawful manufacture, distribution, dispensation, or possession of controlled substances on the District’s property or as part of any of its activities. Students who think they may have an alcohol or drug usage problem are urged to voluntarily seek confidential assistance from the Employee Assistance Program (eligible employees), Student Health Services and/or Counseling Services. While the District will be supportive of those who seek help voluntarily, the District will be equally firm in identifying and disciplining those employees/students who continue to be substance abusers and do not seek help or continue to abuse drugs or alcohol after treatment or counseling.

Materials and information on counseling, treatment and rehabilitation resources, health risks, Federal trafficking penalties, and uses and effects of controlled substances, are available in Counseling, the Student Health Center and the Library.
LEAVES OF ABSENCE

Students who have a need to withdraw for a short time, but who wish to retain their status in classes and resume work before the end of the current semester, should apply for a “Brief Leave of Absence,” which expires on a definite date. If students must depart suddenly, as in a family emergency, they should write the Vice President, Student Services as soon as possible requesting a leave to be away from classes. Brief leaves also may be issued upon recommendation of the Student Health Service in case of illness. Requests for a Brief Leave of Absence must be filed with the Office of the Vice President, Student Services.

NON-DISCRIMINATION POLICY

The policy of the Desert Community College District is to provide an educational and employment environment in which no person shall be unlawfully denied full and equal access to the benefits of, or be unlawfully subjected to discrimination on the basis of ethnic group identification, national origin, religion, age, sex, race, color, ancestry, sexual orientation, or physical or mental disability in any program or activity that is administered by, funded directly by, or that receives any financial assistance from the State Chancellor or Board of Governors of the California Community Colleges.

The policy of the Desert Community College District is to provide an educational and employment environment free from unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct or communications constituting sexual harassment.

Employees, students, or other persons acting on behalf of the District who engage in unlawful discrimination as defined in this policy or by state or federal law may be subject to discipline, up to and including discharge, expulsion, or termination of contract.

The following is a summary of the Unlawful Discrimination Policy of the Desert Community College District. Full text copies are available in the Human Resources Office, the President’s Office, the Student Services Office, Instruction Office, and the Administrative Services Office.

Informal/Formal Complaint Procedure

When a person brings charges of unlawful discrimination to the attention of the District’s responsible officer, that officer will undertake efforts to informally resolve the charges. Efforts at informal resolution need not include any investigation unless the responsible District officer determines an investigation is warranted by the seriousness of the charges. The complainant will not be required to confront the person accused of unlawful discrimination. Any efforts at informal resolution will not exceed the 90-day period.

Filing of Formal Written Complaint

If a complainant decides to file a formal written unlawful discrimination complaint against the District, he or she must file the complaint on a form prescribed by the State Chancellor. These approved forms are available from the District and also at the State Chancellor’s website, as follows: www.cccco.edu/divisions/legal/Discrimination/discrimination.htm.

The completed form must be filed with the District representative or mailed directly to the State Chancellor’s Office of the California Community Colleges. A copy of all complaints filed with the District will be forwarded to the State Chancellor’s Office immediately upon receipt. Similarly, when the State Chancellor’s Office receives a complaint a copy will be forwarded to the District.

Confidentiality of the Process

Investigative processes can best be conducted within a confidential climate, and the District does not reveal information about such matters except as necessary to fulfill its legal obligations. However, potential complainants are sometimes reluctant to pursue a complaint if their names will be revealed. The inability to reveal the name of a complainant or facts that are likely to reveal the identity of the complainant can severely limit the ability of the District to respond. If a complainant insists that his or her name not be revealed, the responsible officer should take all reasonable steps to investigate and respond to the complaint consistent with the complainant’s request as long as it does not jeopardize the rights of other students or employees. It is important that complainants and witnesses understand the possibility that they may be charged with allegations of defamation if they circulate the charges outside of the District’s process.
Chapter 7 - Students' Rights and Responsibilities

Retaliation
It is unlawful for anyone to retaliate against someone who files an unlawful discrimination complaint, who refers a matter for investigation or complaint, who participates in an investigation of a complaint, who represents or serves as an advocate for an alleged victim or alleged offender, or who otherwise furthers the principles of this unlawful discrimination policy.

Administrative Determination and Appeals Rights
Within 90 days of receiving an unlawful discrimination complaint, the responsible District officer will complete the investigation and forward a copy of the investigative report to the State Chancellor and a copy or summary of the report to the complainant. A written notice shall be provided to both the complainant and the State Chancellor describing the complainant’s appeal rights. Complainants have appeal rights that they may exercise if they are not satisfied with the results of the District’s administrative determination. Within 150 days of receiving a complaint, the final District determination will be forwarded to the State Chancellor.

RESPONSIBLE DISTRICT OFFICER
The Desert Community College District has identified the Vice President, Human Resources and Employee Relations to the State Chancellor’s Office and to the public as the single District officer responsible for receiving all unlawful discrimination complaints. Administrators, faculty members, other District employees, and students shall direct all complaints of unlawful discrimination to the Vice President, Human Resources and Employee Relations. The Office of Human Resources is located in the south modular building adjacent to the Bookstore. The phone number is (760) 773-2529.

POLÍTICA SOBRE LA DISCRIMINACIÓN ILEGAL
Según la política y el plan de acción del Desert Community College District, nuestra institución provee un ambiente instructivo y profesional en el cual será ilegal negar a cualquier persona el completo e igual acceso a los beneficios de sus programas, ser sometida ilegalmente a la discriminación étnica, de origen nacional, de religión, edad, sexo, raza, color de piel, de linaje, de orientación sexual, o de incapacidad física o mental, y ser negada cualquier acceso a cual siquiera programa o actividad administrativa, directamente financiados, o recipiente de asistencia monetaria del State Chancellor o Board of Governors del California Community College.

La poliza de Desert Community College District es tal para proveer un ambiente educativo y profesional exento de requerimientos, o aprovechamientos sexuales, o cualquier otra conducta o comunicación, sea verbal como física, que constituya un acosamiento sexual. Empleados, estudiantes, y otras personas representantes del Distrito que se metan en la discriminación ilegal como la define esta política o la ley estatal o federal podrán ser expuestos a medidas disciplinarias, inclusive, la expulsión, o la terminación del contrato.

A continuación hay un resumen de la Política sobre la Discriminación Ilegal del Desert Community College District. Copias del texto completo se pueden obtener en la oficina de “Human Resources”, la oficina del Presidente, la oficina de los Servicios Estudiantiles, la oficina de Instrucción, y la oficina de Servicios Administrativos.

PROCEDIMIENTO FORMAL / INFORMAL DE LAS DENUNCIAS
Al recibir denuncias de discriminación ilegal el responsable funcionario del distrito tratará de resolver los supuestos alegatos informalmente. Las tentativas hacia una resolución informal no requerirán ninguna investigación menos que el oficial del distrito concluya que una investigación sea justificada por la gravedad de los supuestos alegatos. El demandante no será obligado a enfrentarse con la persona acusada de discriminación ilegal. Cualquier tentativa de resolución informal no deberá de exceder el período de 90 días.
COMO SENTAR UNA DENUNCIA FORMAL ESCRITA

Si el demandante decide sentar una denuncia formal escrita de discriminación ilegal contra el Distrito, el/la demandante deberá de sentarla con un formulario prescrito por State Chancellor. Estos prescritos formularios se podrán conseguir en la oficina del Distrito y también por medio del siguiente “website” del State Chancellor: www.cccco.edu/divisions/legal/Discrimination/discrimination.htm.

Una vez que esté completo el formulario, se deberá sentar con el representante del Distrito o enviarlo por correo a la oficina del State Chancellor de California Community College. Una copia de todas las reclamaciones sentadas con el Distrito será inmediatamente transmitida a la oficina del State Chancellor.

PROCEDIMIENTO HECHO EN CONFIANZA

La mejor manera de llevar a cabo el procedimiento de indagación es hacerlo en un clima confidencial, y el Distrito no revelará ninguna información sobre estos asuntos excepto cuando sea necesario para cumplir con las obligaciones legales. Sin embargo, algunos posibles demandantes a veces son mal dispuestos a perseguir una denuncia por temor de revelar sus nombres. La incapacidad de revelar el nombre del demandante o los hechos que probablemente revelarían la identidad del demandante podrían seriamente limitar la habilidad del Distrito en responder. Si el demandante insiste en no revelar su nombre, el funcionario tomará todas las medidas posibles para indagar y responder a la reclamación de acuerdo con la petición del demandante puesto que lo dicho no comprometa los derechos de otros estudiantes o empleados. Es preciso que los demandantes y los testigos sepan que hay siempre la posibilidad de que ellos puedan ser acusados con supuestos alegatos de difamación si ellos circulan las acusaciones fuera del procedimiento del Distrito.

DETERMINACIÓN ADMINISTRATIVA Y DERECHO DE APELACIÓN

Dentro de 90 días de haber recibido una denuncia de discriminación ilegal, el funcionario responsable del Distrito llevará a cabo una indagación y transmitirá una copia del informe investigativo al la oficina del State Chancellor, una copia o un resumen del informe al demandante, un aviso escrito declarando lo siguiente a ambos demandante y el State Chancellor. Los demandantes tendrán derechos de apelación que podrían ejercer si no estuvieran satisfechos con los resultados de la determinación administrativa del Distrito. Dentro de 150 días de haber recibido la denuncia, la determinación final del Distrito será transmitida al la oficina del State Chancellor.

EL FUNCIONARIO DEL DISTRITO RESPONSABLE

Desert Community College District ha identificado y nombrado, para el State Chancellor y para el público, al doctor Bugay, Vicepresidente, Recursos Humanos y Relaciones de Empleados, como el único oficial responsable de recibir reclamaciones y denuncias de discriminación ilegal. Administradores, miembros del profesorado, otros empleados del distrito, y estudiantes, deberán dirigir todas formas de reclamaciones de discriminación ilegal al doctor Bugay. Su despacho se ubica en el edificio sureña contigua a la librería. El número de teléfono es el siguiente: (760) 773-2529.

NON-SMOKING POLICY

No smoking is allowed within 20 feet of any building entrance according to the laws of the State of California.

PETS AND ANIMALS ON CAMPUS

State and local laws prohibit animals on campus at any time. The Humane Society removes animals at owner’s expense. Students who violate this law are subject to disciplinary action.
RANGE OF STUDENT DISCIPLINARY SANCTIONS

Consequences of violating the student Code of Conduct may include one or more of the following actions.

1. **Verbal Reprimand/Warning**: An oral admonition or warning to cease and desist from conduct that has been determined to violate the standards of student conduct. A record of the fact that a verbal reprimand has been issued may be retained as part of a student's record for a period up to one year and is considered in the event of future violations of the standards of student conduct during the period of retention.

2. **Written Reprimand/Warning**: Written admonition or warning to cease and desist from conduct that has been determined to violate the standards of student conduct. This formal reprimand may become part of a student's permanent record and is considered in the event of future violations of the standards of student conduct.

3. **Restitution**: Reimbursement for damage to or misappropriation of property. This may take the form of requiring appropriate service or other compensation.

4. **Disciplinary Probation**: Disciplinary action is monitored for a period less than a semester with student assigned duties supervised by a faculty or administrative mentor to correct conduct violation. Successful completion of the assigned duties within the defined time limits warrants removal of discipline status. Assigned duties that are incomplete/unsatisfactory within the defined time warrant advanced disciplinary sanctions.

5. **Removal from Class**: The exclusion of a student by the instructor from class for the day of the removal and the next class meeting for a maximum period of two consecutive class sessions (Education Code Section 76032).

6. **Short-term Suspension**: Exclusion of the student by a College President for good cause from one or more classes for a period up to ten consecutive days of instruction.

7. **Long-term Suspension**: Exclusion of the student by a College President for good cause from one or more classes for the remainder of the college term, or from all classes and activities of the college for one or more terms.

8. **Immediate Interim Suspension**: The College President may order immediate suspension of a student where the President concludes that immediate suspension is required to protect lives or property and to ensure the maintenance of order. In cases where an interim suspension has been ordered, the right to an opportunity for a hearing will be afforded to the student within ten (10) days (Education Code Section 66017).

9. **Removal from Facility**: The involuntary removal of a student by an administrator from a District or College facility, or facility under the control of the District or College, for a maximum period of two consecutive days/class session(s).

10. **Withdrawal of Consent to Remain on Campus**: Withdrawal of consent by the President or President's designee for a student or other person to remain on a College campus where the College President has reasonable cause to believe that the student has willfully disrupted the orderly operation of the campus. Violation of this withdrawal during the designated time is a misdemeanor subject to arrest (California Penal Code, Section 626.4).

11. **Expulsion**: Termination of a student's right and privileges, noted in student's file. The involuntary removal of a student from the District and all District programs for one or more terms, or permanently, by action of the Board of Trustees (Education Code Section 72122).

SEXUAL ASSAULT

The Desert Community College District, to the fullest extent possible, ensures that students, faculty and staff who are victims of sexual assault committed on or upon the grounds or facilities maintained by the District, shall receive treatment and information to deal with the assault. If on-campus treatment facilities are unavailable, the written procedures may provide for referrals to local treatment centers. Sexual assault includes, but is not limited to rape, sodomy, oral copulation, rape by a foreign object, sexual battery, or threat of sexual assault.
Students' Rights and Responsibilities

The District recognizes that one of the most important ways to assist students, faculty and staff who are victims of sexual assault is to help them regain a sense of control over their lives. It is not the function of any district service provider to urge a particular course of action upon the victim of a sexual assault, nor to make any factual determinations as to the events which occurred. Instead, the duties of the service provider are to make the victim aware of the options and alternatives available, to aid the victim in making an informed decision as to a course of action, and to enable the victim to follow through in that decision. The provider will not take any action based upon a subjective evaluation as to the merit of any charges made, nor will the provider attempt to convince the victim that any course of action is preferable to another.

Applicable state and federal provisions will be applied in maintaining confidentiality in the handling of all sexual assault cases. Individual rights to privacy in these matters will dictate District policy practice and procedure. The District Sexual Assault Liaison (SAL) is designated as a central referral source for information relating to the rights, options, and services available to a sexual assault victim. The sexual liaison has been designated as the Vice President, Human Resources and Employee Relations.

STUDENT CONDUCT STANDARDS

When a student enters College of the Desert, it is taken for granted by the College authorities that an earnest purpose exists and that the student’s conduct will demonstrate that assumption. If, however, the student’s conduct is not appropriate, and the student should be guilty of one or more of the violations listed in the Student Conduct Standards and Procedures policy, then appropriate disciplinary action will be taken as listed in the policy.

The following conduct shall constitute good cause for discipline, including but not limited to the removal, suspension or expulsion of a student.

1. Causing, attempting to cause, or threatening to cause physical injury to another person.

2. Possession, sale or otherwise furnishing any firearm, knife, explosive or other dangerous object, including but not limited to any facsimile firearm, knife or explosive, unless, in the case of possession of any object of this type, the student has obtained written permission to possess the item from a district employee, which is concurred on by the college president.

3. Unlawful possession, use, sale, offer to sell, or furnishing, or being under the influence of, any controlled substance listed in Chapter 2 (commencing with Section 11053) of Division 10 of the California Health and Safety Code, an alcoholic beverage, or an intoxicant of any kind; or unlawful possession of, or offering, arranging or negotiating the sale of any drug paraphernalia, as defined in California Health and Safety Code Section 11014.5.

4. Committing or attempting to commit robbery or extortion.

5. Causing or attempting to cause damage to district property or to non-district property on campus, or at college sponsored or supervised functions.

6. Stealing or attempting to steal district property or private property on campus, or knowingly receiving stolen district property or private property on campus.

7. Willful or persistent smoking in any area where smoking has been prohibited by law or by regulation of the College or the District.

8. Committing sexual harassment as defined by law or by District policies and procedures.

9. Engaging in harassing or discriminatory behavior based on race, sex, religion, age, national origin, disability, sexual orientation, or any other status protected by law.

10. Willful misconduct which results in injury or death to a student or to college personnel or which results in cutting, defacing, or other injury to any real or personal property owned by the District or on campus.

11. Disruptive behavior, willful disobedience, habitual profanity or vulgarity, or the open and persistent defiance of the authority of, or persistent abuse of college personnel.

12. Cheating, plagiarism (including plagiarism in a student publication), or engaging in other academic dishonesty.

13. Dishonesty; forgery; alteration or misuse of college documents, records or identification; or knowingly furnishing false information to the District.

14. Unauthorized entry upon or use of College facilities.

15. Lewd, indecent or obscene conduct or expression on college-owned or controlled property, or at college sponsored or supervised functions.

16. Engaging in expression which is obscene, libelous or slanderous, or which so incites students as to create
a clear and present danger of the commission of unlawful acts on college premises, or the violation of lawful college regulations, or the substantial disruption of the orderly operation of the College.

17. Persistent, serious misconduct where other means of correction have failed to bring about proper conduct.

18. Unauthorized preparation, giving, selling, transfer, distribution, or publication, for any commercial purpose, of any contemporaneous recording of an academic presentation in a classroom or equivalent site of instruction, including but not limited to handwritten or typewritten class notes, except as permitted by any district policy or administrative procedures.

Students are guaranteed the rights of due process when charged with a violation of conduct standards. Copies of the Student Conduct Due Process Procedures are available in the office of the Vice President, Student Services, Counseling Center, ASCOD Office, and online.

STUDENT RECORDS AND PRIVACY ACT

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA)

All student records of College of the Desert are maintained in accordance with the provisions of the Family Educational Rights and Privacy Act of 1974. The two basic elements of the act are the student’s right to review and challenge his/her record and the conditions under which information in the record can be released to outside parties. Further information about the federal regulation may be found at http://ed.gov/policy/gen/guid/fpco/ferpa/index.html.

ANNUAL NOTIFICATION

Students will be notified of their Family Educational Rights and Privacy Act (FERPA) rights annually by publication in the schedule of classes and the college catalog.

AMENDMENT OF STUDENT RECORDS

Students may file a written request with the President to correct or remove information recorded in their student records which they allege to be: (1) inaccurate; (2) an unsubstantiated personal conclusion or inference; (3) a conclusion or inference outside of the observer’s area of competence; or (4) not based on the personal observation of a named person with the time and place of the observation noted.

Within 30 calendar days of receipt of such request, the President, or his designee, shall meet with the student and the employee who recorded the information in question, if such employee is presently employed by the District. The President, or his designee, shall then sustain or deny the allegations. If any or all allegations are sustained, the President, or his designee, shall order the correction or removal of destruction of the information. If any or all of the allegations are denied, the student may appeal the decision in writing to the Board of Trustees within 30 calendar days of the denial.

Within 30 days of the receipt of an appeal, the Board of Trustees shall, in closed session with the student and employee who recorded the information in question, if presently employed by the District, determine whether to sustain or deny the allegation(s). If the Board sustains any or all of the allegations, it shall order the immediate correction or removal and destruction of the information. If the Board denies any or all allegations, the student may appeal the decision in writing to the Board of Trustees within 30 calendar days of the denial.

The decision of the Board shall be final. Records of these administrative proceedings shall be maintained in a confidential manner and shall be destroyed one year after the decision of the Board, unless the student initiates legal proceedings relative to the disputed information within the prescribed period.

If the decision of the Board is unfavorable to the student, or the student accepts an unfavorable decision by the President, he/she shall have the right to submit a written statement of objections which shall become part of the student’s records until such time as the information to which the objection is made is corrected or removed.

DISCLOSURE OF EDUCATION RECORDS

The District may permit access to student records to any person for whom the student has executed written consent specifying the records to be released and identifying the party or class of parties to whom the records may be released.

The District may not permit access to student records to any person without the written consent of the student or under judicial order except:

1. To officials and employees of the District who have a legitimate educational interest to inspect a record. A school official is:
   - A person employed by the District in an administrative, supervisory, academic, research, support staff, or security position.
INSPECTION AND REVIEW OF EDUCATIONAL RECORDS

All currently enrolled or former students have a right to inspect and review all student records relating to them. Student record is defined according to the Family Educational Rights and Privacy Act (FERPA). To access their transcripts, students must file a letter of request with the Admissions and Records Office. To obtain access to other documents, students must submit a letter of request to the office of the Vice President, Student Services.

Access shall be granted no later than 15 school days following the date the written request is received. Within the same 15 school days, the student will be notified of the location of all official student records if not centrally located and qualified personnel will be made available to interpret records where appropriate.

RELEASE OF STUDENT INFORMATION

The Desert Community College District (DCCD) does not release student record information without the written consent of the student, except as outlined on page 50 under Disclosure of Education Records. Although the DCCD adheres to this policy, the law allows the College to release student directory information, except when students have specifically requested that directory information be kept confidential. Directory information may be released by exception upon determination of the President, the Vice President of Student Services, or the Dean of Enrollment Services, that such release is appropriate and not likely to put students at risk.

DCCD designates the following as directory information: name, address, phone number, dates of attendance, major field of study, awards and degrees received, most recent institution attended, participation in official college activities and sports, weight and height of members of athletic teams, part-time or full-time enrollment status, and photographs.

In completing the admission application, students are provided the opportunity to request that their directory information be maintained as confidential. Students who wish to change their request, may do so in writing to the Admissions and Records Office at any time.
STUDENT GRIEVANCE POLICY AND PROCEDURES

Purpose
The purpose of this procedure is to provide a prompt and equitable means of resolving student grievances. These procedures shall be available to any student who reasonably believes a college decision or action has adversely affected their status or their rights as a student as outlined in the college catalog.

There are two parts to this process. The informal process attempts to seek positive resolution for all parties involved. Only those directly involved plus any appropriate administrator will be present. The formal process may include appropriate representation for all parties involved.

Each student who has a grievance shall make a reasonable effort to resolve the matter on an informal basis prior to requesting a grievance hearing, and shall attempt to solve the problem with the person with whom the student has the grievance, that person's immediate supervisor, and/or the Vice President of Student Services or his/her designee.

Time Limits
The president or designee may shorten or lengthen the times specified in these procedures. The intent, however, is to ensure that each and every step will take place as expeditiously as possible.

Informal Procedure
A. The student shall first discuss the matter with the faculty/staff member in question. If however, the student cannot discuss the matter with the faculty/staff member or if the student is not satisfied with the discussion, he/she may proceed with the informal grievance process. A student must begin the grievance procedure within five (5) days from the date of the alleged grievance. The informal procedure must precede the formal procedure. The student may choose to terminate the grievance at any time during the informal procedure. A grievance filed within thirty (30) days of the end of the semester will be deferred until the following semester.

B. The informal procedure shall be completed within ten (10) days of reporting of the original complaint. It is the student's responsibility to describe to the parties involved the nature of the grievance so that involved parties understand that the grievance procedure has been initiated.

C. An informal meeting will be held by the student and appropriate college staff. The purpose of the meeting is to identify the perceived violation of the student's rights and to develop a resolution that is of mutual satisfaction to all parties involved. The student shall then discuss and attempt to resolve the matter with the faculty, the person's immediate supervisor or the administrator. If the student is satisfied with the outcome of the informal meeting, the process could end.

Formal Procedure: Filing Statement of Student Grievance
A. If the student is not satisfied with the outcome of the informal procedure, a formal written grievance may be filed within ten (10) days of the decision of the informal procedure. The student will bring the matter to the attention of the Vice-President of Student Services, or a designee, by filing a Student Statement of Grievance Form within ten (10) days of the final meeting of the informal procedure. (Grievance Forms are available at the offices of the Vice-President of Student Services, Division Deans, and Counselors.) The student may choose to terminate the grievance at any time during the formal procedure.

B. If the faculty member is not satisfied with the outcome of the informal procedure, he/she may follow process in Collective Bargaining CTA agreement and CODAA agreements.

C. A summary of the outcomes of the informal process will be prepared by the faculty or the immediate supervisor and forwarded to the Vice-President of Student Services.

D. The Vice President of Student Services or designee shall investigate the nature of the grievance including meeting with the parties involved and possible witnesses for each, clarification of the perceived violation of rights and investigation of college policies that may or may not have been followed.

E. The Vice President of Student Services, or designee, after conferring with student may determine that the grievance can be resolved by an informal procedure within ten (10) days. If the student isn't satisfied with the outcome of informal procedure, student may still request a formal hearing.
F. The determination of whether the Statement of Grievance presents sufficient grounds for a hearing shall be based on the following:

- The statement contains facts which would constitute a grievance under these procedures;
- The grievant is a student as defined in these procedures;
- The grievant is personally and directly affected by the alleged grievance;
- The grievance was filed in a timely manner;
- The grievance is not frivolous, without foundation, or filed for purposes of harassment.

G. The Vice President of Student Services will, at that point, distribute the appropriate documents to appropriate parties regarding request for formal hearing.

H. A formal hearing will consist of the student, and if appropriate, his/her on-campus advocate, the party or parties being grievances and his/her on-campus advocate, the Vice President of Student Services or designee, supervisor of the accused and four (4) neutral faculty members, two (2) selected by the student, and two (2) selected by the accused.

If the results of the formal hearing are not satisfactory to the student, within ten (10) days of receiving that decision, the student desiring further appeal shall go to the College President, who shall then render a decision within ten (10) days.

I. At the completion of the investigation the Vice-President of Student Services shall meet with the parties involved in an attempt to resolve the matter. A copy of the entire investigation file and formal resolutions will be given to the parties involved (faculty and student) upon request.

J. Either of the involved parties may appeal the formal resolution to the College President if agreement cannot be reached. Each party has ten (10) days to file this appeal.

K. Further action may be taken to the Board of Trustees within thirty (30) days of the President's decision, if either party is not satisfied. The board's decision will be final.

Request for Student Grievance Hearing

Any request for a Student Grievance Hearing shall be filed on a Request for a Student Grievance Hearing within twenty (20) days after filing the Student Statement of Grievance form as described above.

For specific details and further information of the Hearing process and procedures, please contact the Office of the Vice President, Student Services.

STUDENT RIGHT-TO-KNOW DISCLOSURE

In compliance with the Student Right-To-Know and Campus Security Act of 1990, it is the policy of the Desert Community College District to make available its completion and transfer rates to all current and prospective students.

Beginning in Fall 2004, all certificate-, degree-, and transfer-seeking first-time, fulltime students were tracked over a three-year period, and the completion and transfer rates of this group are listed below. This is a very narrowly defined group and does not reflect all transfer students. These rates do not represent the success rates of the entire student population at College of the Desert, nor do they account for all student outcomes occurring during and after this three-year tracking period.

Based upon the group defined above, 31.3% attained a certificate, degree, or became "transfer-prepared" during a three-year period (Fall 2004 to Spring 2007). Students who are "transfer-prepared" have completed 56 transferable units with a GPA of 2.0 or better.

Based upon the group defined above, 13.6% transferred to another postsecondary institution (CSU, UC, private college, or another California Community College) prior to attaining a degree, certificate, or becoming "transfer-prepared" during a five semester period (Spring 2005 to Spring 2007).

These percentages compare favorably with percentages of community colleges similar in size to College of the Desert. More information about Student-Right-to-Know rates and how they should be interpreted can be found at the California Community Colleges "Student Right-to-Know " Website located at: http://www/cccco/edu/divisions/tris/mis/srtk.htm.
Chapter 8 - Certificate, Degree, Graduation, and Transfer Requirements

**OCCUPATIONAL/VOCATIONAL EDUCATION**

For those students desiring to complete an occupational curriculum within two years, the College offers technical training and education in fields justified by student enrollment. Individual courses are offered in some areas where a full curriculum cannot be justified. In both instances the College's aim is vocational competence for students and an appreciation of citizenship responsibilities.

Students may work toward: (a) earning a certificate (certificate programs are approximately one year in length, with students specializing in a particular area of study); or (b) an Associate degree. Refresher courses are also offered, as well as courses in which new and/or upgraded skills are required to take advantage of employment opportunities.

Individuals may attend classes as either part-time or full-time students. A large segment of the College student body is employed full-time, but attends classes of interest during evening hours. The College closely articulates with other colleges and industry. Many of the courses completed will transfer to four-year institutions. Occupational advisory committees assist the College in determining the types of skills, courses, and programs students should complete to meet labor market needs as well as the needs of industry.

**VOCATIONAL CERTIFICATE of ACHIEVEMENT**

A Vocational Certificate of Achievement may be awarded to a student who has completed a required sequence of courses in an occupational field. The Certificate is not automatically awarded when a student completes the requirements. Students must file a “Request for Evaluation” in the Admissions and Records Office at least one semester prior to completing certificate requirements. All transcripts from other colleges must be on file before an evaluation request can be filed.

Students must file an “Intent to Earn Certificate” in the Admissions and Records Office during the semester in which they are completing the requirements. The certificate requires fewer than 60 units of college work. At least six (6) units in the certificate field shall be completed in residence at College of the Desert. A minimum of a “C” average shall be maintained in all courses required for the certificate. All courses shall be approved by the department advisor.

In the case of an additional certificate(s) in a related field, the student will be required to take a minimum of six (6) units of additional course work determined by the department advisor. See Degree and Certificate Programs section in this catalog for specific certificate requirements.

**TWO TYPES OF ASSOCIATE DEGREES**

**THE ASSOCIATE DEGREE WITH EMPHASIS ON OCCUPATIONAL/VOCATIONAL PREPARATION**

Students planning to earn an Associate Degree with emphasis on occupational/vocational preparation, and who have no plans to pursue a bachelor's degree, must follow the District's General Education requirements. Students must complete the course requirements as specified in the program of study for the declared major, in addition to the general education courses.

The Occupational/Vocational Degree is not designed to prepare students for university transfer and is identified in this catalog as: ASSOCIATE DEGREE for employment preparation.

**THE ASSOCIATE DEGREE WITH EMPHASIS ON TRANSFER PREPARATION FOR A 4-YEAR COLLEGE OR UNIVERSITY**

Students planning to earn an Associate Degree while preparing to transfer must complete the appropriate transfer general education pattern as well as the course requirements specified in the program of study for the declared major. A minimum of 60 transferable units are required for upper division transfer.

**Option 1:** Students preparing to transfer to the California State University (CSU) may follow the General Education requirements outlined in the CSU Certification pattern. This pattern is identified as Option 1 in the list of requirements for Transfer Degree programs.
Option 2: Student preparing to transfer to the University of California (UC) system or the CSU may follow the Intersegmental General Education Transfer Curriculum (IGETC). This pattern is identified as Option 2 in the list of requirements for Transfer Degree programs. See your counselor or faculty advisor for exceptions.

The transfer preparation degree is identified in this catalog as: **ASSOCIATE DEGREE and transfer preparation**

**EVALUATION REQUIREMENT FOR ASSOCIATE DEGREE**

The Associate in Arts Degree and Associate in Science Degree are not automatically awarded when a student completes the requirements. Students must file a "Request for Evaluation" in the Admissions and Records Office one semester prior to their intended graduation. All transcripts from other colleges must be on file before an evaluation request can be filed. At least 30 total units must have been completed, including 12 at COD, before an evaluation can be initiated.

All Associate Degrees require a minimum of 60 units of college credit and a cumulative grade point average of not less than 2.0 ("C" average) for coursework taken at College of the Desert. In addition, a student must have a minimum overall grade point average of not less than 2.0 ("C" average) including units from COD and courses attempted at all accredited colleges attended. At least 12 units must be earned at College of the Desert. All students are strongly advised to consult with a faculty advisor or counselor early in their first semester of enrollment at College of the Desert.

**GRADUATION REQUIREMENTS**

Students are responsible for meeting in full the requirements for graduation as set forth in the college catalog. For the purpose of meeting graduation requirements, students may choose to meet the requirements for degrees or certificates in the catalog in effect at the time of entrance, during the span of attendance, or at the time of graduation, provided they do not interrupt their enrollment for two or more consecutive semesters, not including summer.

Whenever enrollment is interrupted for two or more consecutive semesters, not including Summer, students must choose the requirements in the catalog in effect at the time of re-enrollment, continued attendance following re-enrollment, or graduation.

College authorities may approve or require substitutions for discontinued courses or for courses not offered. College of the Desert requires that students declaring or changing a major program of study must complete the major requirements in effect at the time of the declaration of change. For programs of study requiring special selection procedures, students are required to complete major requirements in effect at the time of entrance to the program.

If students maintain continuous attendance, attendance of at least two transcript recorded semester units during each calendar year, changing a major program of study does not change catalog rights for General Education or other graduation requirements beyond the major. Absence due to an approved educational leave or for attendance at another accredited college is not considered an interruption in attendance, if the absence does not exceed two years.

**GRADUATION**

Once it has been determined that a student is eligible for graduation, an "Intent to Graduate" form must be completed and submitted to the Admissions and Records Office. The deadline to submit this form is found in the Class Schedule. This requirement applies to all Associate Degrees.

Formal graduation activities are held at the end of the spring semester. Students who complete degree requirements during the spring, preceding fall, or subsequent summer term, are invited to participate in the ceremonies.

**DIPLOMAS**

Diplomas are mailed to graduates approximately six weeks after the end of the semester in which students have satisfied all degree requirements and grades have been verified. At the graduation ceremony, students are presented with a diploma cover. There is a fee of $25.00 for a duplicate diploma.

**EARNING AN ADDITIONAL ASSOCIATE DEGREE**

An additional Associate Degree may be earned if the student completes a minimum of 12 units in residence at College of the Desert beyond the prior degree, makes a complete change in major, and fulfills all requirements for the new major field including any additional General Education requirements that are appropriate.
56 Occupational/Vocational Degrees: General Education Requirements

GENERAL EDUCATION REQUIREMENTS FOR OCCUPATIONAL/VOCATIONAL DEGREES

Students may graduate from College of the Desert with an Associate of Arts or Science degree upon meeting the following District requirements:

A. Completion of 60 college level units of lower division semester units with a cumulative grade point average (GPA) of at least 2.0 for all grades earned in lower division courses at all colleges and universities attended. Also, a cumulative GPA of at least 2.0 must have been earned at COD as well as in the selected major. At least 12 units must be earned at COD.

B. Major requirements (Minimum of 18 units): Complete one of the degree programs listed in the Degree and Certificate Programs section of this catalog.

C. Completion of the following general education requirements (18 units minimum):

Note: A single course, even though listed in more than one area, can only be used to satisfy one requirement.

C1. Natural Sciences - (3 units minimum) selected from the following courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-001</td>
<td>Descriptive Astronomy</td>
<td>(3)</td>
</tr>
<tr>
<td>A-001L</td>
<td>Descriptive Astronomy Lab</td>
<td>(1)</td>
</tr>
<tr>
<td>AGEH-001</td>
<td>Ornamental Horticulture</td>
<td>(3)</td>
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<td>AGEH-001L</td>
<td>Ornamental Horticulture Lab</td>
<td>(1)</td>
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<tr>
<td>AGPS-002</td>
<td>Entomology-Gen/App</td>
<td>(4)</td>
</tr>
<tr>
<td>AGPS-005</td>
<td>Plant Science</td>
<td>(3)</td>
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<tr>
<td>AGPS-005L</td>
<td>Plant Science Lab</td>
<td>(1)</td>
</tr>
<tr>
<td>ANTH-001</td>
<td>Intro/Physical Anthropology</td>
<td>(3)</td>
</tr>
<tr>
<td>BI-004</td>
<td>Elements of Biology</td>
<td>(4)</td>
</tr>
<tr>
<td>BI-005</td>
<td>Molecular and Cell Biology</td>
<td>(5)</td>
</tr>
<tr>
<td>BI-006</td>
<td>Biology of Organisms</td>
<td>(5)</td>
</tr>
<tr>
<td>BI-010</td>
<td>Women's Health</td>
<td>(3)</td>
</tr>
<tr>
<td>BI-012</td>
<td>Biology of Cancer</td>
<td>(3)</td>
</tr>
<tr>
<td>BI-013</td>
<td>Human Anatomy &amp; Physiology I</td>
<td>(4)</td>
</tr>
<tr>
<td>BI-014</td>
<td>Human Anatomy &amp; Physiology II</td>
<td>(5)</td>
</tr>
<tr>
<td>BI-015</td>
<td>General Microbiology</td>
<td>(5)</td>
</tr>
<tr>
<td>BI-021</td>
<td>Anatomy &amp; Physiology</td>
<td>(4)</td>
</tr>
<tr>
<td>CH-001A,1B</td>
<td>General Chemistry</td>
<td>(5)</td>
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<tr>
<td>CH-003</td>
<td>Intro Gen Chemistry</td>
<td>(4)</td>
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<tr>
<td>CH-004</td>
<td>Fund of Chemistry</td>
<td>(4)</td>
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<tr>
<td>G-001</td>
<td>Physical Geology</td>
<td>(4)</td>
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<tr>
<td>G-005</td>
<td>Environmental Geology</td>
<td>(4)</td>
</tr>
<tr>
<td>G-006</td>
<td>Geology of California</td>
<td>(3)</td>
</tr>
<tr>
<td>G-007</td>
<td>Intro to Geology</td>
<td>(4)</td>
</tr>
<tr>
<td>G-008</td>
<td>Geol of Natl Parks&amp;Mon</td>
<td>(3)</td>
</tr>
<tr>
<td>G-010</td>
<td>The Earth Sciences</td>
<td>(4)</td>
</tr>
<tr>
<td>G-017</td>
<td>Intro to Oceanography</td>
<td>(3)</td>
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<tr>
<td>GEOG-001</td>
<td>Physical Geography</td>
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<td>GEOG-001L</td>
<td>Physical Geography Lab</td>
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<td>NR-001</td>
<td>Cons Natural Resources</td>
<td>(3)</td>
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<tr>
<td>NR-001L</td>
<td>Cons Nat Resrc Lab</td>
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<tr>
<td>PH-001</td>
<td>Introductory Physics</td>
<td>(4)</td>
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<tr>
<td>PH-002A,2B</td>
<td>College Physics</td>
<td>(4)</td>
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<tr>
<td>PH-004A,4B</td>
<td>Engineering Physics</td>
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<tr>
<td>PH-006A</td>
<td>Electric Circuits</td>
<td>(4)</td>
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<tr>
<td>PH-017</td>
<td>Intro to Meteorology</td>
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C2. Social and Behavioral Sciences (3 units minimum) selected from the following:

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<th>Units</th>
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<tbody>
<tr>
<td>AJ-001</td>
<td>Intro to Admin of Justice</td>
<td>(3)</td>
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<tr>
<td>ANTH-002</td>
<td>Cultural Anthropology</td>
<td>(3)</td>
</tr>
<tr>
<td>ANTH-003</td>
<td>Archeology, Intro to Prehistory</td>
<td>(3)</td>
</tr>
<tr>
<td>ANTH-004</td>
<td>Prehist/Ethnog SoCal Indians</td>
<td>(3)</td>
</tr>
<tr>
<td>ECON-001</td>
<td>Prin of Macroeconomics</td>
<td>(3)</td>
</tr>
<tr>
<td>ECON-002</td>
<td>Prin of Microeconomics</td>
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</tr>
<tr>
<td>ECON-011</td>
<td>Internat’l Econ Relations</td>
<td>(3)</td>
</tr>
<tr>
<td>ECON-012</td>
<td>Economic Princ. &amp; Appl.</td>
<td>(3)</td>
</tr>
<tr>
<td>GEOG-002</td>
<td>Cultural Geography</td>
<td>(3)</td>
</tr>
<tr>
<td>GEOG-007</td>
<td>Regional Geography</td>
<td>(3)</td>
</tr>
<tr>
<td>HE-001</td>
<td>Pers &amp; Commun Health</td>
<td>(3)</td>
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<td>HEC-013</td>
<td>General Nutrition</td>
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<tr>
<td>HIST-003</td>
<td>Hist World Civilization I</td>
<td>(3)</td>
</tr>
<tr>
<td>HIST-004</td>
<td>Hist World Civilization II</td>
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<tr>
<td>HIST-017</td>
<td>U.S. History</td>
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<tr>
<td>HIST-018</td>
<td>U.S. History</td>
<td>(3)</td>
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<tr>
<td>MC-001</td>
<td>Mass Media/Amer Cult.</td>
<td>(3)</td>
</tr>
<tr>
<td>PHIL-013</td>
<td>Perspectives Death/Dying</td>
<td>(3)</td>
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<tr>
<td>PS-001</td>
<td>Intro to Government</td>
<td>(3)</td>
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<tr>
<td>PS-002</td>
<td>Intro Comparative Govt</td>
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<td>PS-004</td>
<td>Intro Internat’l Rel</td>
<td>(3)</td>
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<tr>
<td>PSY-001</td>
<td>General Psychology</td>
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<td>PSY-003</td>
<td>Developmental Psych</td>
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<tr>
<td>PSY-010</td>
<td>Ps Aspects Marr/Family</td>
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<td>PSY-020</td>
<td>Adolescent Psychology</td>
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<td>PSY-023</td>
<td>Psychology of Women</td>
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<td>PSY-033</td>
<td>Personal/Soc Adjustment</td>
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<tr>
<td>SOC-001</td>
<td>Intro to Sociology</td>
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<tr>
<td>SOC-002</td>
<td>Social Problems</td>
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<td>SOC-014</td>
<td>Minority Grps in Amer</td>
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<tr>
<td>SOC-015</td>
<td>Mexican-American Culture</td>
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<tr>
<td>STDV-012</td>
<td>Life Plan/Persnl Exploration</td>
<td>(3)</td>
</tr>
</tbody>
</table>
C3. Humanities - (3 units minimum)

selected from the following courses:

- ART-002A,B History of Art (3)(3)
- ART-002C History of Modern Art (3)
- ART-002D History of Postmodern Art (3)
- ART-003A Basic Design & Color (3)
- ART-007F Beginning Raku Ceramics (30)
- ART-010 Intro to Art (3)
- ART-018 Intro to Art & Music (3)
- ART-018A Beginning Papermaking (3)
- ART-033 History of Photography (3)
- ASL-001,2 Elem Amer Sign Lang (5)(5)
- ASL-001A,B Elem Amer Sign Lang (3)(3)
- ASL-002A,B Elem Amer Sign Lang (3)(3)
- ASL-003,4 Intermediate Amer Sign Lang (4)(4)
- DANC-015 History of Dance (3)
- ENG-001B Comp & Literature (3)
- ENG-010A American Literature I (3)
- ENG-010B American Literature II (3)
- ENG-011A,B Surv of English Lit (3)(3)
- ENG-012A World Literature I (3)
- ENG-012B World Literature II (3)
- ENG-014 Shakespeare (3)
- ENG-015 The Short Story (3)
- ENG-016 Literature of the Desert (3)
- ENG-017 Women in Literature (3)
- ENG-018 Introduction to Poetry (3)
- ENG-021 Intro Latin Amer/Chicano Lit (3)
- ENG-022 Intro African-Amer Lit (3)
- ENG-023 Intro to Autobiography (3)
- ENG-024 Native American Lit (3)
- ENG-025 Intro to the Novel (3)
- ENG-026 The Lesbian, Gay, Bisexual, and Transgender Literary Experience (3)
- ENG-031 Bible as Literature O.T. (3)
- ENG-032 Bible as Literature N.T. (3)
- ENG-035 Myth and Legend (3)
- ENG-036 Children's Literature (3)
- FR-001,2 Elementary French (5)(5)
- FR-001A,1B Elementary French (3)(3)
- FR-002A,2B Elementary French (3)(3)
- FR-003,4 Intermediate French (4)(4)
- GER-001,2 Elementary German (5)(5)
- GER-001A,B Elementary German (3)(3)
- GER-002A,B Elementary German (3)(3)
- HUM-018 Intro to Art & Music (3)
- ITAL-001,2 Elementary Italian (5)(5)
- ITAL-001A,B Elementary Italian (3)(3)
- ITAL-002A,B Elementary Italian (3)(3)
- ITAL-003,4 Intermediate Italian (4)(4)
- JPN-001A,B Elementary Japanese (3)(3)
- JPN-002A,B Elementary Japanese (3)(3)
- MUS-001 Music Theory I (4)
- MUS-002 Music Theory II (4)
- MUS-003A Music History & Literature I (3)
- MUS-003B Music History & Literature II (3)
- MUS-005 History of Rock 'n' Roll (3)
- MUS-006 History of Film Music (3)
- MUS-010 Intro to Music (3)
- MUS-012 Fundamentals of Music (3)
- MUS-018 Intro to Art & Music (3)
- MUS-036 Opera Workshop (2)
- PHIL-006 Intro to Philosophy (3)
- PHIL-007 Ideas/Great Philosophers (3)
- PHIL-012 Religions of the World (3)
- PHIL-013 Perspect Death/Dying (3)
- PHIL-014 Intro to Ethics (3)
- PHIL-016 Philosophy/Hispanic World (3)
- PHIL-017 Philosophy of Religion (3)
- SPAN-001,2 Elementary Spanish (5)(5)
- SPAN-001A,B Elementary Spanish (3)(3)
- SPAN-002A,B Elementary Spanish (3)(3)
- SPAN-003,4 Intermediate Spanish (4)(4)
- TA-001 Intro to Theatre (3)
- TA-002 Acting I (3)
- TA-015 History of Dance (3)
- TA-032 Play Production Tech (3)
- TA-069A,B Dramatic Literature (3)(3)

C4. Language and Rationality - (6 units)

a) English Composition (3 units minimum):
- ENG-001A Composition (4)
- ENG-041 Technical/Professional Writ (3)

b) Communication, Mathematics, and Critical Thinking (3 units minimum):

- MATH-001A,1B Calculus (5)(5)
- MATH-005 Trigonometry (5)
- MATH-010 College Algebra (4)
- MATH-012 Pre-calculus (5)
- MATH-013 Liberal Arts Math (4)
- MATH-014 Statistical Methods (4)
- MATH-040 Intermediate Algebra (4)
- PHIL-010 General Logic (3)
- PHIL-011 Formal Logic (3)
- SOC-003 Fund. of Statistics (3)
- SOC-004 Soc Analysis/Critical Thinking (3)
- SP-001 Intro to Interpersonal Comm (3)
- SP-004 Public Speaking (3)
- SP-005 Group Discussion/Leadership (3)
- SP-007 Decision Mkg/Advocacy (3)
- SP-015 Intercultural Communication (3)
### C5. Traditions and Cultures (3 units minimum):

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<td>ANTH-001</td>
<td>Intro/Physical Anthropology</td>
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<td>ANTH-002</td>
<td>Cultural Anthropology</td>
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<tr>
<td>ANTH-004</td>
<td>Prehistory &amp; Ethnography of Southern California Indians</td>
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<td>ARCH-014</td>
<td>History of Architecture I</td>
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<td>ART-002A,B</td>
<td>History of Art</td>
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<td>ART-007F</td>
<td>Beginning Raku Ceramics</td>
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<td>ART-010</td>
<td>Intro to Art</td>
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<tr>
<td>ART-018A</td>
<td>Beginning Papermaking</td>
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<td>ECON-011</td>
<td>International Econ Relations</td>
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<td>ENG-001B</td>
<td>Comp &amp; Literature</td>
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<td>ENG-010A,B</td>
<td>American Lit I &amp; II</td>
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<td>Survey of English Lit</td>
<td>(3)</td>
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<td>ENG-012A,B</td>
<td>World Literature I &amp; II</td>
<td>(3)</td>
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<td>ENG-015</td>
<td>The Short Story</td>
<td>(3)</td>
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<td>ENG-018</td>
<td>Intro to Poetry</td>
<td>(3)</td>
</tr>
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<td>ENG-021</td>
<td>Intro to Latin American/Chicano Lit</td>
<td>(3)</td>
</tr>
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<td>ENG-022</td>
<td>Intro to African American Lit</td>
<td>(3)</td>
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<td>ENG-024</td>
<td>Native American Lit</td>
<td>(3)</td>
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<td>ENG-031</td>
<td>The Bible as Literature O.T.</td>
<td>(3)</td>
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<td>The Bible as Literature N.T.</td>
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<td>ENG-035</td>
<td>Myth &amp; Legend</td>
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<td>MC-001</td>
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<td>MUS-005</td>
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<td>PHIL-006</td>
<td>Intro to Philosophy</td>
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<td>PHIL-007</td>
<td>Ideas/Great Philosophers</td>
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<td>Religions of the World</td>
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<td>PHIL-013</td>
<td>Perspect on Death&amp;Dying</td>
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<td>PHIL-014</td>
<td>Intro to Ethics</td>
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<td>PHIL-016</td>
<td>Philosophy/Hispanic World</td>
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<td>PHIL-017</td>
<td>Philosophy of Religion</td>
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<td>PS-004</td>
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<td>Psychological Aspects of Marriage &amp; Family</td>
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<td>PSY-012</td>
<td>Human Sexuality</td>
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<td>PSY-023</td>
<td>Psychology of Women</td>
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<td>SOC-002</td>
<td>Social Problems</td>
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<td>Sociological Analysis &amp; Critical Thinking</td>
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<td>SOC-014</td>
<td>Minority Grps in America</td>
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<td>SOC-015</td>
<td>Mexican-American Culture</td>
<td>(3)</td>
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<td>SP-001</td>
<td>Intro/Interpersonal Comm</td>
<td>(3)</td>
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<td>SP-002</td>
<td>Oral Interpretation of Literature</td>
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<tr>
<td>SP-015</td>
<td>Intercultural Communication</td>
<td>(3)</td>
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</tbody>
</table>

### D. Physical Education Activity Requirement:

In addition to A, B & C, two units are required from physical education (PE), health education (HE), recreation (RE) or varsity sports (VSM,VSW).

Note: If HE 1 is used to fulfill section C-2, it may not be used to fulfill this requirement.

### E. Reading, Writing and Mathematics competency requirements must be met, as follows:

**Reading Competency:** All students earning an Associate in Arts Degree or an Associate in Science Degree must demonstrate a reading proficiency at the collegiate level by passing RDG 51, Analytical Reading, with a grade of "C" or better, or the equivalent.

**Writing Competency:** All students earning an Associate in Arts Degree or an Associate in Science Degree must demonstrate a writing proficiency at the collegiate level by passing with a grade of "C" or better one of the following courses: ENG 1A, ENG 41, or the equivalent.

**Mathematics Competency:** All students earning an Associate in Arts Degree (non-transfer/occupational emphasis) or an Associate in Science Degree (non-transfer/occupational emphasis) must demonstrate a mathematics proficiency by passing with a grade of "C" or better, MATH 40, or any college mathematics course determined by the Desert Community College District to be equivalent to, or higher than, MATH 40.

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**CONSULT DEGREE AND CERTIFICATE PROGRAMS FOR SPECIFIC DEGREE REQUIREMENTS -- INCLUDING MAJOR REQUIREMENTS AND GENERAL EDUCATION COURSES.**

**PLEASE ALSO CHECK WITH YOUR FACULTY ADVISOR/COUNSELOR FOR POSSIBLE CHANGES IN AA/AS DEGREE REQUIREMENTS.**
PREPARATION FOR TRANSFER

As an integral unit of the California tripartite system of public higher education, the College provides programs of study providing students the opportunity to prepare for transfer to four-year colleges and universities. The College aspires to do this in such a manner that students may transfer without loss of time or credit.

Most professions and careers requiring study beyond that available at College of the Desert are such that the first 60 college level units may be completed before transferring from College of the Desert to another institution of higher education. To assure transfer students of obtaining the maximum benefit from their College of the Desert experience prior to transferring, it is important for students to engage in careful, long range planning. In general, students planning to transfer should follow the procedure outlined below:

1. **Tentative Choice:** Because course requirements vary among colleges and universities, it is advantageous to research and select the school(s) to which you plan to transfer as early as practicable in your college career. The COD Transfer Center offers a research library to help you prepare to transfer, including catalogs from California public and private institutions, as well as from many out-of-state colleges. Transfer admission information, applications, and other reference materials are also available. The Transfer Center is located in the Administration Building, Room 12.

2. **Catalog:** Examine catalogs of prospective colleges and universities. Study carefully those sections that cover requirements for (a) transfer admission, (b) the major, and (c) graduation. Finding all requirements often warrants a review of the entire catalog, as requirements may be listed in different sections of the catalog. Many of these requirements must be taken during the freshman and sophomore years. Failure to do so can unduly extend the time required for transfer admission and graduation.

3. **Financial Aid:** Apply for financial aid as directed in the current COD class schedule. Application forms and other financial aid information are also available in the Financial Aid Office, located in the Bookstore Building.

4. **General Education Requirements:** Students may complete their lower division general education or breadth requirements while at College of the Desert. COD has articulation agreements with the California State Universities (CSU) and the University of California (UC) system that allow students to be certified for these requirements. To select the pattern that is most appropriate for you, consult your faculty advisor or counselor.

5. **Application Filing Period:** Check carefully the dates of the application filing period. This is the time between the first date applications will be received and the deadline. Many colleges have initial filing periods ten months before admission. In all cases, submission of applications early within the filing period is recommended.

6. **Letters of Recommendation and Rating Forms:** Some independent colleges require letters of recommendation or rating forms. Students should get to know their instructors well enough so that the instructors can comment accurately on the students’ characteristics.

7. **Grade Point Requirements:** Grade point average requirements for admission and selection to the major vary. Study catalogs carefully for all requirements.

8. **Admission Requirements of the Public California Institutions:** The filing period for CSU are the months of October and November. The filing period for UC is the month of November. These are the initial filing periods for admission. Both UC and CSU require completion of 60 transferable units to enter as a junior. The University of California requires a minimum of a 2.4 grade point average (2.8 or higher for nonresidents).

The CSUs will allow community college students to transfer with 60 transferable units with a minimum of a 2.0 grade point average. Within the 60 units, a minimum of 30 semester units that meet general education requirements must be completed with a grade of C or better in each course. The 30 semester units must include at least 9 units (3 courses) in English language, and at least 3 units in mathematics/quantitative reasoning. These requirements became effective Fall 2000.

**NOTE:** Meeting minimum requirements is not enough to gain admission to many UC and CSU campuses and programs. For clarification of transfer admission requirements, consult the transfer college catalog and supplemental reference materials available in the COD Transfer Center.

9. **Admission to Independent California or Out-of-State Colleges:** Students who follow transfer courses of study find they are given credit for most, if not all, courses when they transfer to independent or out-of-state colleges and universities. Some colleges require a certain number
of completed units before considering students as eligible for transfer, while others accept students at any time. Admission requirements are outlined in the respective college catalogs. Catalogs are available for use in the College of the Desert Transfer Center. Independent colleges encourage students to make an appointment with their Office of Admissions in order to discuss transfer opportunities on a personal basis.

10. Transferable Courses: Course descriptions in this catalog carry a designation code of their acceptance for transfer at the California State University (CSU) and at the University of California (UC). This acceptance can change annually. Consult the Transfer Center for more detailed information.

TRANSFERABLE COURSES

Courses transferable to the California State University are indicated by “CSU” and those transferable to the University of California are indicated by “UC” under the course description in the “Courses of Instruction” section of this catalog. The CSU or UC designates courses accepted for elective credit. Such courses count for the 60 units required for advanced standing transfer to CSU or UC. Students interested in transferring to the University of California should refer to the University of California Transfer Course Agreement, available in the Transfer Center, to make sure they have enough units, since we offer several UC transferable courses for which credit is decreased by one or more units by UC; such courses are marked in this catalog with an asterisk, as Associate Degree Applicable: CSU, UC*, for example.

CHANGES IN TRANSFERABLE CREDIT

As new courses are added or changes are made in current courses, transfer credit may not be applicable until CSU and UC have adopted these changes.

TRANSFER ADMISSIONS AGREEMENTS (TAAs)

College of the Desert has entered into Transfer Admissions Agreements (TAAs) with CSU San Bernardino and Transfer Admissions Guarantee (TAG) with UC Riverside. These agreements guarantee university transfer admission to students who meet specified lower division requirements for course completion and grade point average. Students should request an agreement prior to completing thirty (30) semester units in order to ensure appropriate course planning and selection. Students interested in transferring to one of these campuses may schedule an appointment with a COD counselor to learn more about TAA options and opportunities and complete a Student Education Plan for transfer.

LOWER-DIVISION TRANSFER PATTERNS (LDTP)

The Lower-Division Transfer Patterns (LDTP) project, sponsored by the California State University (CSU) and supported by the California Community Colleges, presents potential transfer students with a set of “road maps” to follow that will ensure appropriate academic preparation for studies at CSU and that will decrease time to graduation once these students enter the CSU. The LDTP for each discipline has a statewide as well as campus-specific component. The statewide component of the LDTP is appropriate for any CSU campus that offers the major and is comprised of general education coursework as well as some courses within the discipline. The campus-specific component identifies discipline related coursework relevant to the major at the specific CSU campus. Together these components for an LDTP discipline will total at least 60 units, the number needed to transfer to CSU as an upper-division student.
ADMISSION TO THE UNIVERSITY OF CALIFORNIA

Completion of all the requirements in the Intersegmental General Education Transfer Curriculum (IGETC) will permit you to transfer from College of the Desert to a campus in either the California State University (CSU) or University of California (UC) without the need, after transfer, to take additional lower-division, general education courses to satisfy campus general education requirements. Exceptions are at the end of the list in the Supplementary Notes. Completion of IGETC is not a requirement for admission but does fulfill a requirement for graduation at a CSU or UC campus.

GENERAL EDUCATION CERTIFICATION

Verification by the College of a student’s completion of lower division General Education/Breadth requirements for the California State University or the University of California must be requested by the student at the time transcripts are requested to be sent to the university. General Education Certification will not be sent to a student.

COD’s GRADUATION REQUIREMENTS IN ADDITION TO UC or CSU GENERAL EDUCATION REQUIREMENTS

Physical Education Requirement

Although not required for the IGETC curriculum, two units from physical education (PE), health education (HE), recreation (RE) or varsity sports (VSM, VSW) are required to earn a degree from COD. Note: If HE 1 is used to fulfill this requirement, it may not be used to fulfill any other CSU requirement.

Reading, Writing, and Mathematics Competencies

Reading Competency: All students earning an Associate in Arts Degree or an Associate in Science Degree must demonstrate a reading proficiency at the collegiate level by passing RDG 51, Analytical Reading, with a grade of "C" or better, or the equivalent.

Writing Competency: All students earning an Associate in Arts Degree or an Associate in Science Degree must demonstrate a writing proficiency at the collegiate level by passing with a grade of "C" or better one of the following courses: ENG 1A, ENG 41, or the equivalent. Students planning to transfer are required to complete the IGETC English Communication or CSU Written Communication requirements.

Mathematics Competency: All students earning an Associate in Arts Degree or an Associate in Science Degree must demonstrate a mathematics proficiency by passing with a grade of "C" or better, MATH 40, or any college mathematics course determined by the Desert Community College District to be equivalent to, or higher than, MATH 40. Students planning to transfer are required to complete the IGETC Mathematical Concepts and Quantitative Reasoning or CSU Mathematics requirements.

INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC) FOR UC AND CSU

The course requirements for all areas must be completed before IGETC can be fully certified. After final grades are posted, you must request IGETC Certification at the time you request final transcripts to be sent to your chosen transfer campus(es). The IGETC must be certified prior to transfer. All courses must be completed with grades of "C" or better. Completion of area 1C (CSU) and/or area 6A (UC) must be completed for certification. Documentation of meeting this requirement must be on file in the Admissions and Records Office prior to granting certification. For more information, please see a Counselor.

Completion of the IGETC is not a requirement for transfer to a CSU or UC, nor is it the only way to fulfill the lower-division, general education requirements of the CSU or UC prior to transfer. Students may find it advantageous to take courses fulfilling CSU’s general education requirements or those of a particular UC campus.

Note: "++++" indicates that transfer credit is limited by either UC or CSU or both. Consult the University of California Transfer Course Agreement, available in the Transfer Center, or your faculty advisor/counselor, for specific information.

Note: "*" indicates that a single course, even though listed in more than one area, can only be used to satisfy one requirement.
## Chapter 8 - Certificate, Degree, Graduation, and Transfer Requirements

### Chapter 8 - Certificate, Degree, Graduation, and Transfer Requirements

#### AREA 1

**ENGLISH COMMUNICATION**

One course from each group:

1-A. **English Composition**

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<td>Composition</td>
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1-B. **Critical Thinking/English Composition**

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1-C. **Oral Communication (required by CSU only)**

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<th>Course Description</th>
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<td>Public Speaking</td>
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<tr>
<td>SP-015</td>
<td>Intercultural Comm</td>
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#### AREA 2

**MATHEMATICAL CONCEPTS & QUANTITATIVE REASONING**

One course:

2-A. **Math**

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<td>MATH-001B</td>
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<td>MATH-002A</td>
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<td>MATH-002B</td>
<td>Linear Algebra</td>
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<td>MATH-002C</td>
<td>Ordinary Differential Equations</td>
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<td>MATH-010*</td>
<td>College Algebra</td>
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<td>MATH-012*</td>
<td>Pre-calculus</td>
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<td>MATH-013</td>
<td>Liberal Arts Math</td>
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<td>MATH-014*</td>
<td>Statistical Methods</td>
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<td>SOC-003*</td>
<td>Fund of Statistics</td>
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#### AREA 3

**ARTS and HUMANITIES**

At least three courses; minimum of one from the Arts and one from the Humanities (See "Language Other Than English")

3-A. **Arts**

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<td>ART-002C</td>
<td>History of Modern Art</td>
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<td>ART-002D</td>
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<td>ART-010</td>
<td>Intro to Art</td>
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<td>ART-018</td>
<td>Intro to Art &amp; Music</td>
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<td>ART-033</td>
<td>History of Photography</td>
<td>3</td>
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<td>DANC-015</td>
<td>History of Dance</td>
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<td>HUM-018</td>
<td>Intro to Art &amp; Music</td>
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<td>MUS-003A</td>
<td>Music History/Literature I</td>
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<td>MUS-003B</td>
<td>Music History/Literature II</td>
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<td>MUS-005</td>
<td>History of Rock ‘n Roll</td>
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<td>Intro to Music</td>
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3-B. **Humanities**

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<td>ASL-003*</td>
<td>Intern American Sign Language</td>
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<tr>
<td>ASL-004*</td>
<td>Intern American Sign Language</td>
<td>4</td>
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<td>ENG-001B</td>
<td>Comp &amp; Literature</td>
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<td>ENG-010A</td>
<td>American Literature I</td>
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<td>American Literature II</td>
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<td>ENG-011A</td>
<td>Survey of English Lit</td>
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<td>ENG-011B</td>
<td>Survey of English Lit</td>
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<td>ENG-012A</td>
<td>World Literature I</td>
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<td>ENG-012B</td>
<td>World Literature II</td>
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<tr>
<td>ENG-014</td>
<td>Shakespeare</td>
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<td>ENG-015</td>
<td>The Short Story</td>
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<td>ENG-016</td>
<td>Literature of the Desert</td>
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<tr>
<td>ENG-017</td>
<td>Women in Literature</td>
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<td>ENG-018</td>
<td>Introduction to Poetry</td>
<td>3</td>
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<tr>
<td>ENG-021</td>
<td>Intro Latin Amer/Chicano Lit</td>
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<td>ENG-022</td>
<td>Intro African-Amer Literature</td>
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<td>ENG-024</td>
<td>Native American Literature</td>
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<td>ENG-025</td>
<td>Introduction to the Novel</td>
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<tr>
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<td>Bible as Literature O.T.</td>
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<td>Bible as Literature N.T.</td>
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AREA 4

SOCIAL AND BEHAVIORAL SCIENCES
At least 3 courses, from at least two disciplines, or an interdisciplinary sequence:

4-A. Anthropology & Archaeology
ANTH-002 Cultural Anthropology (3)
ANTH-003 Archaeology, Intro to Prehistory (3)

4-B. Economics
ECON-001 Prin of Macroeconomics (3)
ECON-002 Prin of Microeconomics (3)
ECON-011 Internat’l Econ Relations (3)

4-C. Ethnic Studies
SOC-015 Mexican-American Culture (3)

4-E. Geography
GEOG-002 Cultural Geography (3)
GEOG-007 Regional Geography (3)
GEOG-010 Geography of California (3)

4-F. History
HIST-003* Hist World Civilization I (3)
HIST-004* Hist World Civilization II (3)
HIST-017* U.S. History (3)
HIST-018* U.S. History (3)

4-G. Interdisciplinary, Social/Behavioral Sciences
MC-001 Mass Media/Amer Cult (3)
PHIL-012* Religions of the World (3)
PSY-012 Human Sexuality (3)

4-I. Political Science, Gov’t, & Legal Institutions
PS-001 Intro to Government (3)
PS-002 Intro Comparative Govt (3)
PS-004 Intro Internat’l Rel (3)

4-J. Psychology
PSY-001 General Psychology (3)
PSY-003 Developmental Psychology (3)
PSY-020 Adolescent Psychology (3)
PSY-023 Psychology of Women (3)

4-K. Sociology & Criminology
SOC-001 Intro to Sociology (3)
SOC-002 Social Problems (3)
SOC-014 Minority Grps in Amer (3)
SOC-015 Mexican-American Culture (3)

AREA 5

PHYSICAL & BIOLOGICAL SCIENCE
At least 2 courses; one physical science and one biological science; at least one must include a laboratory:

5-A. Physical Science
A-001 Descriptive Astronomy (3)
A-001L Desc. Astronomy Lab (1)
CH-001A General Chemistry (5)
CH-001B General Chemistry (5)

5-B. Biological Science
AGPS-002 Entomology-Gen/App (4)
AGPS-005 Plant Science (3)
AGPS-005L Plant Science Lab (1)
ANTH-001 Intro/Physical Anthropology (3)
BI-004* Elements of Biology (4)
BI-005 Molecular and Cell Biology (5)
BI-006 Biology of Organisms (5)
BI-021* Anatomy & Physiology (4)
NR-001 Cons Natural Resources (3)
NR-001L Cons Natrl Resources Lab (1)

AREA 6 (UC Requirement Only)

6-A. Language Other Than English
Students must complete two years of the same foreign language of high school work with a grade of "C" or better; or, earn a score of 3 or higher on the Foreign Language Advanced Placement test, or 550 on the College Board Achievement Test in Foreign Language; or, complete coursework from the following which meets the Level One proficiency requirement, e.g. SPAN 1, or 1B, or higher:

ASL-001 Elem American Sign Language (5)
ASL-001B Elem American Sign Language (3)
ASL-002* Elem American Sign Language (5)
ASL-002A,B Elem American Sign Language (3)(3)
ASL-003* Interim American Sign Language (4)
ASL-004* Interim American Sign Language (4)
FR -001 Elementary French (5)
FR -001B Elementary French (3)
FR -002* Elementary French (5)
FR-002A,B* Elementary French (3)(3)
FR-003* Intermediate French (4)
FR-004* Intermediate French (4)
GER-001 Elementary German (5)
GER-001B Elementary German (3)
IGETC INTERSEGMENTAL
GENERAL EDUCATION
TRANSFER CURRICULUM FOR UC AND CSU

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+ Transfer credit limitation - see counselor for details.
* Courses listed in more than one area shall not be certified in more than one area.
[A] Courses used to meet IGETC requirements may not also be used to satisfy the "American History and Institutions Requirement" at CSU. See Transfer Center IGETC handout for clarification.

SUPPLEMENTARY NOTES

1. A single course, even though listed in more than one place, can only be used to satisfy one subject area of the IGETC.
2. IGETC is not advisable for high-unit majors, e.g. sciences, engineering.
3. Eleanor Roosevelt and Revelle Colleges at UC San Diego do not accept the IGETC.
4. IGETC may not be appropriate for students who have completed courses at a CSU or UC campus.
5. "Double counting" of courses toward the major is not limited by the IGETC, but is limited by other directives. The UC will also allow IGETC courses to count toward major requirements. CSU campus limitations on double-counting of general education courses toward major preparation are not changed by the IGETC.
6. If you are transferring to a UC campus, the UC Transfer Course Agreement lists unit limitations that might apply to the courses you have selected.
7. See degree and graduation requirements in addition to General Education requirements. Also see COD's physical education requirement for an A.S. or A.A. degree, and English, reading, and math minimum competencies.

CSU General Education Certification Course Pattern

PREPARATION FOR TRANSFER TO A CALIFORNIA STATE UNIVERSITY (CSU)

Students may graduate from College of the Desert with an Associate of Arts or Science degree with emphasis on transfer preparation by completing a minimum of 60 units of lower division, transferable semester units with a cumulative grade point average (GPA) of at least 2.0 for all grades earned in lower division courses at all colleges and universities attended. Also, a cumulative GPA of at least 2.0 must have been earned at COD as well as in the selected major. At least 12 units must be earned at COD.

Students must complete either the CSU General Education Certification Course Pattern (next page) or the IGETC (page 62), and the major requirements as specified in the program of study for the declared major. Specified high-unit majors do not complete the transfer general education certification and must meet with their Faculty Advisors for General Education requirements for graduation. Degrees are listed by major on pages 70-71.

Students planning to transfer should consult with their Faculty Advisor early in their first semester of enrollment. Faculty Advisors will assist students with program planning and course options.

Review all requirements that pertain to you including requesting a degree evaluation and filing an Intent to Graduate.

CSU GOVERNMENT/HISTORY CERTIFICATION

College of the Desert, pursuant to Section 40404 of Title 5 of the California Administrative Code and in accordance with Executive Order 405 from the Office of the Chancellor, California State University (effective date 11/15/82), certifies the following course/examination combinations as meeting the baccalaureate requirements in U.S. History, Constitution and American Ideals at CSU, except that no student may meet the requirement by examinations alone. It is important to note that certification may take place if and only if an entire history/government combination has been completed. (Requirements at CSU institutions may vary; consult your faculty advisor or counselor.)

A student may fulfill the history/government requirement by completing Political Science I (PS 1) and either History 17 (HIST 17) or History 18 (HIST 18). AP Government credit does not fulfill this requirement at CSU.
CSU GENERAL EDUCATION CERTIFICATION COURSE PATTERN

Students who plan to transfer to a CSU campus may complete their lower division General Education requirements for graduation at College of the Desert. Students may follow the CSU General Education Certification pattern listed on the following two pages, which is accepted by all CSU campuses in most majors to fulfill these requirements. This course pattern also satisfies COD's General Education requirements.

To be fully certified, students must complete a minimum of 9 units each in Areas A, B, C, and D, and three units in Area E. At least 30 of these units must be completed with a grade of "C" or better, including the nine units in Area A: Communication in the English Language; and 3 units in Area B-3: Mathematics. These requirements became effective Fall 2000.

General Education Certification is not automatic and must be requested by the student at the same time transcripts are requested to be sent to the California State University following the posting of final grades. General Education Certification will not be sent to a student.

APPLICABLE COD COURSES

Note: A single course, even though listed in more than one area, can only be used to satisfy one requirement.

A. COMMUNICATION in the ENGLISH LANGUAGE and CRITICAL THINKING
Nine (9) units minimum; select 1 course from each of the 3 groups. (C or better required in all courses)

A-1. ORAL COMMUNICATION
SP-001 Intro Interpersonal Communication (3)
SP-004 Public Speaking (3)
SP-005 Group Discussion & Leadership (3)
SP-015 Intercultural Communication (3)

A-2. WRITTEN COMMUNICATION
ENG-001A Composition (4)

A-3. CRITICAL THINKING
PHIL-010 General Logic (3)
PHIL-011 Formal Logic (3)
SOC-004 Soc Analysis/Critical Thinking (3)
SP-007 Decision Mkng/Advoc (3)

B. PHYSICAL UNIVERSE & ITS LIFE FORMS
Nine (9) units minimum; select one course from each group. One course must include laboratory.

B-1. PHYSICAL SCIENCE
A-001 Descriptive Astronomy (3)
A-001L Desc Astronomy Lab (1)
CH-001A,1B General Chemistry (5)/(5)
CH-003 Intro Gen Chemistry (4)
CH-004 Fund of Chemistry (4)
CH-005 Bio-Organic Chemistry (4)
CH-010A,B Organic Chemistry (5)/(5)
G-001 Physical Geology (4)
G-005 Environmental Geology (4)
G-007 Intro to Geology (4)
G-008 Geol of Natl Parks/ Monu (3)
G-010 The Earth Sciences (4)
G-017 Intro to Oceanography (3)
GEOG-001 Physical Geography (3)
GEOG-001L Physical Geography Lab (1)
PH-001 Introductory Physics (4)
PH-002A,2B College Physics (4)/(4)
PH-004A,4B Engineering Physics (5)/(5)
PH-017 Intro to Meteorology (3)

B-2. LIFE SCIENCE
AGEH-001 Horticulture (3)
AGEH-001L Horticulture Lab (1)
AGPS-002 Entomology-Gen/App (4)
AGPS-005 Plant Science (3)
AGPS-005L Plant Science Lab (1)
ANTH-001 Intro/Physical Anthropology (3)
BI-004 Elements of Biology (4)
BI-005 Molecular and Cell Biology (5)
BI-006 Biology of Organisms (5)
BI-013 HumanAnatomy & Physiology I (4)
BI-014 HumanAnatomy & Physiology II (5)
BI-015 General Microbiology (5)
BI-021 Anatomy & Physiology (4)
NR-001 Cons Natural Resources (3)
NR-001L Cons Natr Resourc Lab (1)

B-3. LABORATORY ACTIVITY
(One course in either B-1 or B-2 must include a laboratory.)

B-4. MATHEMATICS/QUANTITATIVE REASONING
MATH-001A Calculus (5)
MATH-001B Calculus (5)
MATH-002A Multivariate Calculus (5)
MATH-002B Linear Algebra (4)
MATH-002C Ordinary Differential Equations (4)
MATH-005 Trigonometry (5)
MATH-010 College Algebra (4)
### C. ARTS, LITERATURE, PHILOSOPHY, AND FOREIGN LANGUAGE

**Nine (9) units minimum; one course must be in the ARTS & one in the HUMANITIES**

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### C-1. ARTS (Art, Dance, Music, Theatre)

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### C-2. HUMANITIES (Literature, Philosophy, Foreign Language)

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### D. SOCIAL, POLITICAL, & ECONOMIC INSTITUTIONS & BEHAVIOR; HISTORICAL BACKGROUND: Nine (9) units minimum, with courses taken in at least two disciplines.

*Note: The “American Institutions” requirement may be satisfied by taking either HIST 17 or 18, plus PS 1. AP Government credit does not count toward this requirement.*

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### D-1. ANTHROPOLOGY & ARCHAEOLOGY

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<td>ANTH-003</td>
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California Articulation Number System

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

Because course requirements may change, and courses are continually being redefined, qualified for or deleted from the CAN database, students should always check with Counseling, or the Transfer Center to determine how CAN-designated courses fit into their educational plans for transfer. Students should consult the ASSIST database at www.assist.org for specific information on course agreements. College staff will help students interpret this information.
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*Locally approved certificates, are not notated on the student's transcript in accordance with State regulations.

Chapter 9 - Associate Degrees and Certificates
# CERTIFICATE and DEGREE PROGRAMS

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*Locally approved certificates, are not notated on the student’s transcript in accordance with State regulations.*
### ADMINISTRATION OF JUSTICE

Students desiring careers in administration of justice may elect a program of study designed for upper division transfer, or one which is oriented toward job entry with employment at a local, State, or Federal Law Enforcement Agency.

Students intending to transfer to a four-year college should consult that college for specific requirements. Students planning to pursue a career in administration of justice after graduation should include more specialization and emphasis in these courses.

There are certain minimum physical and good moral character requirements for peace officers. Students may obtain more specific information about those requirements from the department staff. Students who are transferring to College of the Desert from another college must take at least six units of administration of justice courses at College of the Desert, in addition to regular required courses to be eligible for graduation.

Additional information on the programs is available on the Public Safety Academy's website at www.codpsa.org. For more information please call (760) 773-2571.

Certification and approval of the administration of justice curriculum has been received from the California State Commission of Peace Officer Standards and Training.

**Advisor: D. Clayton Mayes**

### ADMINISTRATION OF JUSTICE CERTIFICATE

**for employment preparation**

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**Recommended Electives (with advisor approval):**

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Required Subtotal ........................................... 15

### ADMINISTRATION of JUSTICE A.S. DEGREE

for employment preparation

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**Elective Subtotal ........................................... 12**

**CERTIFICATE TOTAL ........................................... 27**

### ADMINISTRATION of JUSTICE A.S. DEGREE

for employment preparation

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**Required Subtotal ........................................... 15**

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Required Subtotal ........................................... 15

**Other Electives (with advisor approval):**

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**DEGREE TOTAL ........................................... 60**
ADMINISTRATION OF JUSTICE A.S. DEGREE and transfer preparation

Dept. No. Title ................................................. Units

Required Courses:
AJ 1 Intro to Admin. of Justice ..................... 3
AJ 2 Criminal Law ......................................... 3
AJ 3 Legal Aspects of Evidence ................... 3
AJ 4 Principles & Procedures of the Justice System .................... 3
AJ 5A Multicultural Issues/Public Safety ..... 3

Required Subtotal ....................................................... 15

Recommended Electives (with advisor approval):
AJ 6 Principles of Investigation .................... 3
AJ 7 Criminal Substantive Law .................... 3
AJ 8 Concepts of Enfrcmnt Srvs ................... 3
AJ 9 Traffic Control ....................................... 3
AJ 10 Juvenile Law&Procedures .................... 3
AJ 16 Narcotics Control ................................. 3
AJ 17 Nati Res Law Enfrcmnt ....................... 3
AJ 24 Report Writing ....................................... 3
AJ 30 Correctional Systems ........................... 3

Required Subtotal ...................................................... 15

Elective Subtotal (with advisor approval) .................... 6

General Education (Option 1* or 2) .................... 34-43

*Transferable Electives (as needed) ......................... 3
Physical Education Activities ................................. 2

DEGREE TOTAL .................................................. 60-66

ADULT BASIC EDUCATION

Recognizing the role of the community college in the area of adult education, College of the Desert makes available non-credit courses in High School Diploma Completion, General Education Development (GED) test preparation, and Basic Skills. In addition to regular class offerings, emphasis is placed on self-paced, independent, student-centered learning.

Adult Basic Education (reading, writing and math), High School Completion, and preparation for the General Education Development Test (GED) are offered through the Training and Development division. No enrollment fees are charged to students taking these noncredit developmental courses.

Admission of students occurs on a daily basis and no prior educational background is required. In addition to regular class offerings, emphasis is placed on individualized student learning. For more information please call (760) 776-7318. Instruction is provided in the following areas:

High School Completion

High School Completion is the study of subjects required to obtain a high school diploma. Students completing their required coursework and passing the proficiency exams will receive a high school diploma (Certificate of Secondary Education Completion) issued by College of the Desert.

General Education Development Test (GED)

General Education Development (GED) is the study of social studies, math, reading, writing, and science. Students completing this course of study will be better prepared to take the GED test. The GED certificate (Certificate of Secondary Education Completion/GED) is an alternative to a high school diploma and is accepted by many employers, community colleges, vocational training programs, and governmental agencies.

Basic Skills

Basic Skills is the study of reading, writing, and math. It is designed for adults to learn these skills and, if desired, earn certificates of completion in these specific areas. Basic Skills students will be better prepared to pursue further education including GED and High School Completion, or pursue employment opportunities.

Advisors: C.D. Jackson, T. Thomas
### Adult Basic Education

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### Certificate of Secondary Education Completion (High School Diploma)

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### Certificate of Secondary Education Completion (GED)

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### Certificate in Basic Math Completion

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### Certificate in Advanced Math Completion

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### Certificate in Basic English Completion

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### Certificate in Advanced English Completion

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Chapter 9 - Associate Degrees and Certificates
## ADVANCED TRANSPORTATION TECHNOLOGIES

The Advanced Transportation Technologies degree program offers students the opportunity to learn the academic and occupational skills needed by future entry-level technicians in the transportation industry.

The curriculum was developed with industry guidance and prepares students with foundation courses, and then focuses on the new electronic technologies used in light, medium and heavy-duty vehicles. The program has special emphasis on the hybrid and alternate fuel vehicles being introduced by the major manufacturers.

The degree program’s emphasis is on engine performance and emission systems, vehicle computer systems, electronic controls and vehicle system diagnostics that are used in both conventional and alternate fueled vehicles. In addition to the degree option, the advanced transportation technology certificate programs are designed to be as flexible as possible in offering students and working technicians the opportunity to gain the needed knowledge and skills with a short term commitment.

As the students progress through the program, they will be exposed to other aspects of the transportation industry that include personal planning, development of individual and team working skills, development of advanced technical knowledge, health and safety, and environmental issues. For more information please call (760) 773-2571.

### NATEF Certification

The Automotive curriculum is aligned with the standards of The National Automotive Technicians Education Foundation (NATEF) in preparation for receiving certification from that organization. Automotive courses information can be found in Chapter 10 page 147.

Students are recommended to consult with the program advisor for requirements for Automotive Service Excellence (ASE) certification.

**Advisor:** D. Redman

## ADVANCED TRANSPORTATION TECHNOLOGIES

### A. S. DEGREE for employment preparation

<table>
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<tr>
<th>Dept. No.</th>
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<td>AUTO-010</td>
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<td>AUTO-011B</td>
<td>Auto Electronics &amp; Electrical Systems</td>
<td>4</td>
</tr>
<tr>
<td>AUTO-014A</td>
<td>Auto Engine Management</td>
<td>4</td>
</tr>
<tr>
<td>AUTO-040A</td>
<td>CNG/LPG Fund &amp; Maintenance</td>
<td>2</td>
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<tr>
<td>AUTO-040B</td>
<td>CNG/LPG Diagnosis &amp; Repair</td>
<td>5</td>
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<tr>
<td>AUTO-043A</td>
<td>Hybrid, Fuel-Cell &amp; Electric Tech</td>
<td>3</td>
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<tr>
<td>AUTO-092</td>
<td>Bio-diesel Char., Use &amp; Production</td>
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<tr>
<td>AUTO-095D*</td>
<td>Automotive Work Experience</td>
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Required Subtotal ....................................................... 32

**Electives** - 8 units from the following:

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<td>AUTO-016</td>
<td>Manual Drive Train &amp; Axles</td>
<td>4</td>
</tr>
<tr>
<td>AUTO-017</td>
<td>Auto Transmissions &amp; Transaxles</td>
<td>4</td>
</tr>
<tr>
<td>AUTO-018</td>
<td>Auto Heating &amp; Air Conditioning</td>
<td>4</td>
</tr>
<tr>
<td>AUTO-030A</td>
<td>Consumer Auto Technology</td>
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<td>AUTO-054A</td>
<td>Basic Clean Air Car Course (smog)</td>
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<td>Adv. Clean Air Car Course (smog)</td>
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<td>AUTO-090B</td>
<td>BAR Update Training</td>
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<tr>
<td>AUTO-095A,B*</td>
<td>Auto Work Experience (In addition to required)</td>
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Required Subtotal ....................................................... 40

**General Education Requirements** ..................................... 18

**Physical Education Activities** ..................................... 2

**DEGREE TOTAL** .......................................................... 60

*For extenuating circumstances, as deemed by the automotive advisor, work experience may be fulfilled through a special shop project or an appropriate elective.*

## AUTOMOTIVE ALTERNATE FUELS CERTIFICATE for employment preparation

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<td>AUTO-040A</td>
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<td>AUTO-043A</td>
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<tr>
<td>AUTO-092</td>
<td>Bio-diesel Char., Use &amp; Production</td>
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<tr>
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</tr>
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</table>

**CERTIFICATE TOTAL** .................................................. 21

*For extenuating circumstances, as deemed by the automotive advisor, work experience may be fulfilled through a special shop project or an appropriate elective.*

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**ADVISOR:** D. Redman  
**ADVISOR:** D. Redman  
**ADVISOR:** D. Redman  
**ADVISOR:** D. Redman  
**ADVISOR:** D. Redman
The programs in agriculture at College of the Desert are designed to serve both occupational and transfer students. Many courses primarily serve students who wish to enter an occupation after graduation. Courses are designed to provide practical experience, as well as academic background.

Students who wish to prepare for four-year colleges will find not only the necessary required transfer courses in English, science, mathematics, and related subjects available to them, but also departmental courses related to their majors. Students should see an advisor for additional information and program planning regarding their major. For more information please call (760) 773-2571.

Curricula leading to a Certificate or Associate in Science degree at College of the Desert, or transfer to a four-year college or university include:

**AGRI-BUSINESS**

**AGRICULTURE, GENERAL**

Including preparation for General Horticulture, Landscape Design/Contract and Nursery Management

**NATURAL RESOURCES**

- **DESERT NATURALIST** - not notated on the student's transcript
- **FIELD RANGER** - not notated on the student's transcript

**TURFGRASS MANAGEMENT**

Including preparation for Soil Science and Pest Management

**PLANT SCIENCE**

Including preparation for Soil Science and Pest Management

**AGRI-BUSINESS A.S. DEGREE**

for employment preparation

<table>
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<tr>
<th>Dept. No.</th>
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<td>AGBU 59B</td>
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<tr>
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<td>Soils &amp; Plant Nutrition</td>
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<td>AGPS 5</td>
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<td>CIS 70A</td>
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<tr>
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Required Subtotal ....................................................... 18
Elective Subtotal (with advisor approval) ................................ 22
General Education Requirements ........................................ 18
Physical Education Activities ........................................ 2
DEGREE TOTAL ........................................................ 60

**Advisors:** K. Leuschner, J. Place

**AGRI-BUSINESS A.S. DEGREE**

and transfer preparation

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<td>ECON 1</td>
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Required Subtotal ....................................................... 18
Elective Subtotal (with advisor approval) ................................ 13
General Education Requirements ........................................ 18
Transferable Electives ................................................ 9
Physical Education Activities ........................................ 2
DEGREE TOTAL ........................................................ 60

**Advisors:** K. Leuschner, J. Place
GENERAL AGRICULTURE A.S. DEGREE
for employment preparation

Dept. No. Title ............................................. Units
Required Courses:
AGBU 59A Leadership ......................................... 1
AGBU 59B Careers ............................................. 1
AGPS 1 Soils and Plant Nutrition ........................... 4
AGPS 2 Entomology - Gen & Applied ........................ 4
AGPS 5 Plant Science ........................................ 3
AGPS 5L Plant Science Lab .................................. 1
AGPS 32 Pesticide Laws/Reg................................ 2
BUAC 66 Fundamental Acctg. Procedures ................. 3
CIS 70A Computer Business Appl/Windows .......... 3

Required Subtotal .................................. 22
Elective Subtotal (with advisor approval) .......... 18
General Education Requirements* .................. 18
Physical Education Activities ......................... 2
DEGREE TOTAL ........................................ 60

*To include: NR 1, Conserv of Natrl Resources (3)

Advisors: K. Leuschner, J. Place

ENVIRONMENTAL HORTICULTURE A.S. DEGREE
for employment preparation

Dept. No. Title ............................................. Units
Required Courses:
AGEH 1 Horticulture ....................................... 3
AGEH 1L Horticulture Lab ................................ 1
AGEH 4 Turfgrass Management ............................ 2
AGEH 4L Turfgrass Management Lab.................... 1
AGEH 5 Ornamental Plant Id. .............................. 3
AGEH 9 Landscape Planning/Design ..................... 3
AGEH 16 Arboriculture .................................... 2
AGEH 20 Landscape Construction ........................ 2
AGEH 46 Landscape Irrig. Systems ...................... 2
AGEH 46L Landscape Irrig. Systems Lab ............... 1
AGBU 59A Leadership ..................................... 1
AGBU 59B Careers ......................................... 1
AGPS 1 Soils and Plant Nutrition ........................ 4
AGPS 32 Pesticide Laws & Regulations ............... 2

Required Subtotal .................................. 28
Electives - 12 units to be chosen from the following:
AGEH 8 Landscape Management .......................... 3
AGEH 35 Intro to Water Systems Technology ......... 3
AGEH 95A-D AGEH Work Experience ................... 1-4
CIS 70A Computer Business Appl/Windows .......... 3
NR 1 Conserv of Natural Resources ..................... 3

Required Subtotal .................................. 28
Elective Subtotal (with Advisor approval) .......... 12
General Education Requirements ..................... 18
Physical Education Activities .......................... 2
DEGREE TOTAL ........................................ 60

ENVIRONMENTAL HORTICULTURE
CERTIFICATE
for employment preparation

Dept. No. Title ............................................. Units
Required Courses:
AGEH 1 Horticulture ....................................... 3
AGEH 1L Horticulture Lab ................................ 1
AGEH 4 Turfgrass Management ............................ 2
AGEH 4L Turfgrass Management Lab.................... 1
AGEH 5 Ornamental Plant Id. .............................. 3
AGEH 9 Landscape Planning/Design ..................... 3
AGEH 16 Arboriculture .................................... 2
AGEH 20 Landscape Construction ........................ 2
AGEH 46 Landscape Irrig. Systems ...................... 2
AGEH 46L Landscape Irrig. Systems Lab ............... 1
AGPS 1 Soils and Plant Nutrition ........................ 4
AGPS 32 Pesticide Laws & Regulations ............... 2
AGBU 59A Leadership ..................................... 1
AGBU 59B Careers ......................................... 1

CERTIFICATE TOTAL ..................................... 28

Advisor: J. Place

College of the Desert Catalog 2008-2009
NATURAL RESOURCES

The Natural Resources (NR) program at College of the Desert is a gateway to many different environmentally-focused careers in such fields as: wildlife management, ecosystem management, wildlife ecology, landscape ecology, parks and recreation planning, environmental consulting, GIS (Geographic Information Systems), natural resources law enforcement, forensic entomology, urban planning, alternative energy, and many more. Transfer students who wish to prepare for four-year colleges will find not only the coursework but also the practical experience required for their majors and fields of interest. NR programs also serve students who wish to enter directly an environmentally-related occupation (e.g., park ranger, zookeeper) upon completion of the two-year associate’s degree.

Short term certificates (Desert Naturalist, Field Ranger) provide a well-rounded introduction to the desert environment. These certificates are of special interest to nature enthusiasts including: docents, volunteers, and paid employees who work at museums, libraries, schools, zoos, botanical gardens, parks and other local, state, and federal agencies. In addition, teachers will be able to add many natural science activities to their current curriculum. Either certificate can be easily completed over two semesters and will provide students with academic training and skills necessary for job advancement or employment at any of the natural resource-related agencies in and around the Coachella Valley. These certificates are locally approved and are NOT notated on the student’s academic transcript in accordance with State regulations. For more information please call (760) 773-2571.

Advisor: K. Leuschner

NATURAL RESOURCES A.S. DEGREE for employment preparation

<table>
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<td>NR 3</td>
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<td>NR 4</td>
<td>Intro to Ecosystem Mgmt</td>
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</tr>
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<td>NR 10</td>
<td>Wildland Fire Technology</td>
<td>3</td>
</tr>
<tr>
<td>NR 20</td>
<td>GPS and Map Use</td>
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AGBU 59A Leadership ........................................ 1
AGBU 59B Careers ........................................... 1
AGPS 1 Soils & Plant Nutrition ............................ 4
AGPS 2 Entomology-Gen & Applied ........................ 4
AGPS 32 Pesticide Laws & Regulations ................ 2
BUAC 66 Fundamental Acctg. Procedures ................ 3
CIS 70A Computer Business Appl/Windows ............... 3

Required Subtotal ........................................... 30
Elective Subtotal (with advisor approval) ............. 10
General Education Requirements* ...................... 18
Physical Education Activities .......................... 2

DEGREE TOTAL ............................................... 60

*To include: AGPS 5 Plant Science (3)

NATURAL RESOURCES A.S. DEGREE and transfer preparation

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<td>BI 5</td>
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<td>G 1</td>
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<td>The Earth Sciences (4)</td>
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<td>College Algebra</td>
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<td>Careers</td>
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Required Subtotal ........................................... 28-29
Electives - 12 units to be chosen from the following:

NR 3 Intro to Wildlife Mgmt ............................. 3
NR 4 Intro to Ecosystem Mgmt ........................... 3
NR 10 Wildland Fire Technology ....................... 3
NR 17 Natrl Res Law Enfrcmnt .......................... 3
NR 20 GPS and Map Use .................................. 1
NR 21 Introduction to GIS .............................. 3
NR 41A,B Native Plants ................................ 1-3
NR 50 Winter Birds ..................................... 1
NR 51A,B Migrant Birds ................................ 1-2
AGPS 1 Soils and Plant Nutrition ....................... 4
AGPS 2 Entomology - Gen & Applied .................... 4
AGPS 32 Pesticide Laws & Regulations ............... 2
BUAC 66 Fundamental Acctg. Procedures .............. 3
CIS 70A Computer Business Appl/Windows ............. 3

Required Subtotal ........................................... 28-29
Electives (confer with advisor) ......................... 12
General Education Requirements (confer with advisor) 18
Physical Education Activities .......................... 2

DEGREE TOTAL ............................................... 60
NATURAL RESOURCES - DESERT NATURALIST CERTIFICATE
for employment preparation

Dept. No. Title ................................................. Units
With advisor approval, complete a total of 12 units:

Required Courses:
NR 1 Conserv of Natural Resources .......... 3
NR 1L Conserv of Natural Resources Lab ..... 1
Required Subtotal ............................................. 4

Group A: Choose 0-4 units from the following:
AGPS 2 Entomology - Gen & Applied ............ 4
AGPS 5 Plant Science ...................................... 3
AGPS 5L Plant Science Lab ........................... 1
G 5 Environmental Geology ....................... 4
A 1 Descriptive Astronomy .......................... 3
A 1L Descriptive Astronomy Lab ................... 1
Group A Subtotal ............................................. 0-4

Group B: Choose 4-8 units from the following:
NR 20 GPS and Map Use ............................... 1
NR 41A Native Plants - Mountain ................ 1
NR 41B Native Plants - Desert .................... 1
NR 50 Winter Birds ..................................... 1
NR 51A Migrant Birds - Fall ....................... 1
NR 51B Migrant Birds - Spring .................... 1
NR 48 Seminar (Desert Studies, San Jacinto Mts., Yosemite) .... 1-3
NR 95A,B NR Work Experience .................... 1-2
Group B Subtotal ............................................. 4-8

CERTIFICATE TOTAL ............................................. 12
Advisor: K. Leuschner

NATURAL RESOURCES - FIELD RANGER CERTIFICATE
for employment preparation

Dept. No. Title ................................................. Units

Required Courses:
NR 1 Conserv of Natural Resources .......... 3
NR 1L Conserv of Natural Resources Lab ..... 1
NR 17 Natrl Res Law Enfrcmnt ..................... 3
NR 41A Native Plants - Mountain ................ 1
or NR 41B Native Plants - Desert (1)
NR 50 Winter Birds ..................................... 1
or NR 51A Migrant Birds - Fall (1)
or NR 51B Migrant Birds - Spring (1)
Required Subtotal ............................................. 9

Electives - 8 units to be chosen from the following:
AGPS 32 Pesticide Laws & Regulations ........ 2
G 5 Environmental Geology ....................... 4
G 10 The Earth Sciences ............................ 4
PE 1 First Aid & Safety .............................. 3
NR 3 Intro to Wildlife Mgmt ........................ 3
NR 4 Intro to Ecosystem Mgmt .................... 3
NR 10 Wildland Fire Technology .................. 3
NR 20 GPS and Map Use .............................. 1
NR 21 Introduction to GIS ........................... 3
NR 48 Seminar - Desert/Mountain Study ..... 1-3
NR 95A,B NR Work Experience .................... 1-2
Elective Subtotal ............................................. 8

CERTIFICATE TOTAL ............................................. 17
Advisor: K. Leuschner

PLANT SCIENCE A.S. DEGREE
for employment preparation

Dept. No. Title ................................................. Units

Required Courses:
AGPS 1 Soils & Plant Nutrition ................... 4
AGPS 2 Entomology - Gen & Applied ............ 4
AGPS 5 Plant Science ..................................... 3
AGPS 5L Plant Science Lab .......................... 1
AGPS 32 Pesticide Laws & Regulations .......... 2
AGBU 59A Leadership ................................... 1
AGBU 59B Careers ......................................... 1
BUAC 66 Fundamental Acctg. Procedures .... 3
CIS 70A Computer Business Appl/Windows .... 3

Required Subtotal ............................................. 22
Elective Subtotal(with advisor approval) ........ 18
General Education Requirements* ............... 18
Physical Education Activities ....................... 2
DEGREE TOTAL .............................................. 60

*To include: NR 1, Conserv of Natrl Resources (3)

Advisor: J. Place
### TURFGRASS MANAGEMENT CERTIFICATE

**for employment preparation**

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<td>Turfgrass Management Lab</td>
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<td>AGEH 8</td>
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<tr>
<td>OR AGEH 27</td>
<td>Turfgrass Pest Mgmt (3)</td>
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<td>AGEH 16</td>
<td>Arboriculture</td>
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<td>AGEH 24</td>
<td>Adv Turfgrass Mgmt</td>
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<td>Golf Car Maintenance</td>
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**Required Subtotal** ........................................... 30
**Elective Subtotal (with advisor approval)** .................. 8
**CERTIFICATE TOTAL** ........................................... 38

**Advisor:** J. Place

### TURFGRASS MANAGEMENT A.S. DEGREE

**for employment preparation**

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<th>Units</th>
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<td>Landscape Management</td>
<td>3</td>
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<td>AGEH 16</td>
<td>Arboriculture</td>
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<td>AGEH 27</td>
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<td>AGBU 59B</td>
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<td>AGEH 5</td>
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<td>AGEH 33</td>
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<td>NR 41A,B</td>
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**Required Subtotal** ........................................... 33
**Elective Subtotal (with advisor approval)** .................. 8
**General Education Requirements** ............................ 18
**Physical Education Activities** ............................ 2
**DEGREE TOTAL** ................................................ 61

**Advisor:** J. Place
AIR CONDITIONING/HVACR

The Air Conditioning/HVACR program is a well established curriculum and has long served the desert community by providing highly trained individuals to work in various businesses throughout the Coachella Valley. The program offers a Certificate and Associate of Science degree for employment preparation that is designed to provide a wide range of courses in order to best serve student needs. In addition, required courses listed in the program are derived from the collaboration and dedicated efforts of members of a Technical Advisory Committee and other individuals' experiences in the specific occupational areas. For more information please call (760) 773-2571.

Advisor: J. Murray

AIR CONDITIONING AND REFRIGERATION
CERTIFICATE
for employment preparation

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Technical Electives - 2 units from the following:
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<td>ACR 66</td>
<td>Air Cond Load Estimating</td>
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<td>ACR 68</td>
<td>Air Dist Sys Design</td>
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<tr>
<td>ACR 74</td>
<td>ACR System Access</td>
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<tr>
<td>ARCH 11</td>
<td>Architectural Blueprint Reading</td>
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<td>AUTO 60B</td>
<td>Auto Air Conditioning II</td>
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</tr>
<tr>
<td>BIT 2</td>
<td>Building &amp; Mechanical Codes</td>
<td>3</td>
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<tr>
<td>BUAC 1A</td>
<td>Financial Accounting</td>
<td>3</td>
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<td>BUMA 20</td>
<td>Business Law</td>
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Other Electives: 3 units from the following (with advisor approval)
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Required Courses .................................................. 22
Technical Electives .................................................. 2
Other Electives ..................................................... 3
CERTIFICATE TOTAL .................................................. 27

AIR CONDITIONING AND REFRIGERATION
A.S. DEGREE
for employment preparation

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Required Subtotal .................................................. 22
Technical Electives - 18 units from the following:
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<td>ACR 68</td>
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<td>ACR 74</td>
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Required Courses .................................................. 22
Technical Electives .................................................. 18
General Education Requirements* ................................ 18
Physical Education Activities .................................... 2
DEGREE TOTAL ....................................................... 60

*To include: NR 1, Conserv of Natrl Resources (3)

**Note:** A student's background and work experience may present variances in total requirements.
Chapter 9 - Associate Degrees and Certificates

ARCHITECTURE/ENVIRONMENTAL DESIGN

Architecture/Environmental Design programs have a common objective, to help students be prepared to understand issues related to the betterment of the human physical environment. This is accomplished by interrelated course offerings in architecture, construction management, landscape design, drafting/CAD, and building inspection technology. These courses and programs endeavor to give the student a technical background, a set of social values, and a range of occupational skills, which result in creative expression.

The various curricula in architecture/environmental design are intended to be as flexible as possible to best serve student needs. These programs have a common core of courses which provides undecided students an opportunity to change disciplines within the architecture/environmental design group without backtracking and starting over. It also offers students valuable insights into other related disciplines and occupations.

Transfer programs include courses that are designed to meet the requirements of selected universities. All students should meet with their Faculty Advisor each semester to develop and update their Student Education Plan (SEP) for course sequencing and for matching course requirements for transfer institutions.

Occupational programs include courses that are designed to meet the current technological requirement of the design/construction workplace. Students in occupational programs should meet with their Faculty Advisor each semester to develop and update their Student Education Plan. These programs are designed to prepare students for employment upon graduation. For more information please call (760) 773-2571.

Advisor: D. Bitanga

ARCHITECTURAL TECHNOLOGY CERTIFICATE 
for employment preparation

<table>
<thead>
<tr>
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<th>Title</th>
<th>Units</th>
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<tr>
<td>ARCH 1</td>
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CERTIFICATE TOTAL ................................................. 35.5

ARCHITECTURAL TECHNOLOGY A.S. DEGREE 
for employment preparation

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<td>Architectural Blueprint Reading</td>
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<td>ARCH 14</td>
<td>History of Architecture I</td>
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<td>DRA 9</td>
<td>AutoCAD Level II</td>
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<td>DRA 10</td>
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<tr>
<td>DRA 11</td>
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Electives - 6 units to be chosen from the following:

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<td>Arch. Design Fund. III</td>
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<tr>
<td>BIT 1</td>
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<tr>
<td>CM 2</td>
<td>Intro to Urban Planning</td>
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<tr>
<td>DDP 1</td>
<td>Computer Graphics I</td>
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Required Subtotal ................................................. 34
Elective Subtotal ................................................. 6
General Education Requirements ................................ 18
Physical Education Activities .................................... 2
DEGREE TOTAL ..................................................... 60

ARCHITECTURE A.S. DEGREE 
and transfer preparation

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<td>Architectural Blueprint Reading</td>
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Continued on next page...
ARCH 5 Intro to Drawing & Perspective ............2
ARCH 6 Architectural Delineation .....................2.5
ARCH 8 Architectural Design Fund I ................3
ARCH 9 Architectural Design Fund II .................3
ARCH 10 Environmental Control Systems ..............3
ARCH 14 History of Architecture .........................3
ARCH 17 Arch. Design Fund. III .........................3
DRA 8 AutoCAD Level I ................................2
DDP 1 Computer Graphics I .................................3
CIS 70A Computer Business Appl/Windows .........3

Required Subtotal ..........................................................40.5

CONSTRUCTION MANAGEMENT A.S. DEGREE

DEGREE TOTAL ..........................................................62.5

*Admission and General Education Requirements vary depending on transfer institution. Consult advisor and transfer institution catalog for appropriate course selection.

CONSTRUCTION MANAGEMENT A.S. DEGREE

and transfer preparation

Dept. No. Title ......................................................... Units

Required Courses:

ARCH 1 Intro to Architectural Professions ..........3
ARCH 2 Materials of Construction .....................4
ARCH 3A Architectural Practice I ......................3
ARCH 5 Intro to Drawing & Perspective ...............2
ARCH 14 History of Architecture .......................3
BIT 1 California Building Code .......................3
BIT 2 Building & Mechanical Codes ..................3
BIT 3 Building & Plumbing Codes ....................3
BIT 4 Building & Electrical Codes ....................3
CM 1 Intro to Construction Mgmt ....................2
CM 2 Intro to Urban Planning .........................3
CM 4 Construction Law Survey .......................3
CM 5 Construction Planning .........................3
DRA 8 AutoCAD Level I ................................2

Required Subtotal ..........................................................33

Electives - 9 units from the following:

ARCH 3B Architectural Practice II .....................3
BIT 2 Building & Mechanical Codes ................3
BIT 3 Building & Plumbing Codes .....................3
BIT 4 Building & Electrical Codes ....................3
CM 3 Site & Terrain Analysis .........................3
CM 4 Construction Law Survey .......................3
CM 5 Construction Planning .........................3
DRA 8 AutoCAD Level I ................................2

Required Subtotal ..........................................................28

Electives - 9 units from the following:

ARCH 3B Architectural Practice II .....................3
BIT 2 Building & Mechanical Codes ................3
BIT 3 Building & Plumbing Codes .....................3
BIT 4 Building & Electrical Codes ....................3
CM 3 Site & Terrain Analysis .........................3
CM 4 Construction Law Survey .......................3
CM 5 Construction Planning .........................3
DRA 8 AutoCAD Level I ................................2

Required Subtotal ..........................................................28

Elective Subtotal ..........................................................9

General Education Requirements .....................18

DEGREE TOTAL ..........................................................62

*Admission and General Education Requirements vary depending on transfer institution. Consult advisor and transfer institution's catalog for appropriate course selection.
CONSTRUCTION MANAGEMENT
CERTIFICATE
for employment preparation

Department  No.  Title .............................................  Units

ARCH  1  Intro to Architectural Professions ............. 3
ARCH  2  Materials of Construction ....................4
ARCH  3A  Architectural Practice I .......................3
ARCH 11  Architectural Blueprint Reading ............3
BIT  1  California Building Code .......................3
BIT 26  Building II & Fire Codes .......................3
CM  1  Intro to Construction Mgmt ....................2
CM  2  Intro to Urban Planning .......................3
dRA  8  AutoCAD Level I .................................2
CIS 70A  Computer Business Appl/Windows ..........3

CERTIFICATE TOTAL ...............................................29

ART

Art is the study of communicating concepts and ideas visually.

Career paths chosen by students pursuing undergraduate studies in art commonly include but are not limited to studio artist, art educator, art consultant, art therapist, conservator, museum curator, art historian, photographer, designer, illustrator, animator or gallery manager.

Careers in the discipline that generally require graduate-level degrees include art historian, conservator, museum curator and art educator. Even students who choose not to major in art find that coursework in the field can improve their ability in complex and creative problem solving, critical analysis, research skills, understanding the intuitive process and in their ability to visualize.

College of the Desert’s art curriculum includes course offerings that provide a general overview of the discipline, as well as an emphasis in art history, ceramics, drawing, graphic design, painting, photography, printmaking, three-dimensional design and two-dimensional design.

The College offers an Associate of Arts degree in Art, as well as courses leading to transfer. Students earning an associate degree in art may pursue entry level positions as designers, illustrators, art consultants or gallery assistants or may choose to continue their study in the discipline toward a bachelor’s or graduate degree. COD has transfer agreements with twenty different California State Universities and University of California systems in this discipline/program. California State University at Long Beach, Chico, Los Angeles, Fullerton and San Bernardino as well as University of California at Berkley, Los Angeles, Riverside and San Diego are some examples of these schools. However, transfer requirements at four-year colleges and universities vary from institution to institution; students should consult with a counselor for specific information regarding the transfer requirements of their preferred college or university. For more information please call (760) 773-2574.

Advisors: J. Cook, R. Evans, L. Soccio

ART A.A. DEGREE
and transfer preparation

Department  No.  Title .............................................  Units

Required Courses:
ART 1A  Drawing/Composition .........................3
ART 3A  Basic Design/Color ...........................3
ART 2A  History of Art ................................3
or ART 2B  History of Art (3)
ART 2C  History of Modern Art .....................3
ART 4  Three Dimensional Design ....................3
Total Required Art Courses ..............................15
Additional Art Electives** ..............................9

ART Total ..........................................................24
General Education (Option 1* or 2) ................. 34-43
Physical Education Activities ......................... 2

DEGREE TOTAL ..................................................60-69

**The above plan of study allows students to take nine (9) units from a broad range of art electives or an emphasis in any of the following areas:
• Art History (Art 2A, 2B, 2D, 26, 33)
• Ceramics (Art 7A-D, 7F-I)
• Drawing (Art 1A-B, 5A-B)
• Graphic Design  (Art 6, 40, 41)
• Painting (Art 21A-B, 23A-B, 25A-B)
• Photography (Art 30A-D, 31, 33)
• Printmaking (Art 9A-B, 14A-B)
• Three-Dimensional Design (Art 7A-B, 11A-B, 18A-B, 20A-B)
• Two-Dimensional Design (Art 1B, 6, 9A, 14A, 18A, 21A, 23A, 25A)
Courses in the Business Department have been developed for students who wish to:

1. Meet occupational qualifications of business and industry, or
2. Meet lower division requirements for transfer to a four-year college or university to obtain a bachelor's and/or advanced degree in business, or
3. Survey the business field to determine personal aptitudes for, and interests in, a business career or as general preparation for dealing with the business community.

Occupational curricula are designed to prepare students, in two years or less, to enter a vocational field and successfully pursue an occupation. Students having such occupational goals should follow suggested curricula listed in this department section. Included in the suggested curricula are the core business courses basic to each occupational program. Students should consult their advisors to determine additional courses, within and outside the Applied Science and Business Division, which are most appropriate to individual objectives. For more information please call (760) 773-2571.

Advisors:

Z. Becker ................. Computer Information Systems
S. Beno ...................... Hotel/Restaurant Management
C. Decker................... Computer Information Systems
D. George .... Business Administration, General Business
T. Gillman .................... Computer Information Systems, Computer Science
K. Hall ........... Business Administration, General Business
M. Manis ........................................ Accounting
T. Manzoni ................... Golf Management
H. Shahidi ..................... Economics

ACCOUNTING CERTIFICATE

Accounting is the study of the process of analyzing, recording, summarizing, and reporting financial information to managers, owners, customers, investors, and other decision makers inside and outside a business organization. Career paths chosen by students pursuing undergraduate studies in accounting commonly include financial accounting, management accounting, tax accounting, auditing, governmental and not-for-profit accounting. Careers in the discipline that generally require graduate-level degrees include management consulting services and education. Even students who choose not to major in accounting find that coursework in the field can improve their ability to understand the role of accounting as a part of the overall business management team, as well as their ability to comprehend financial information as it pertains to their personal wealth management.

College of the Desert’s accounting curriculum includes course offerings that provide a general overview of the discipline, as well as specialized focus on tax accounting, hospitality accounting, cost accounting, construction accounting, and computer accounting. The college offers a Certificate of Achievement in Accounting, as well as courses leading to transfer. The certificate is designed to provide students with skills necessary for employment or advancement in the profession. Students earning the certificate may also choose to continue their study toward an associate, baccalaureate, or advanced degree in the field. Past recipients of the COD Certificate of Achievement in Accounting have obtained positions as bookkeepers, para-accountants, accountants, and controllers. Students may choose to continue their study toward a bachelor’s degree with an eye toward becoming a Certified Public Accountant.

COD has transfer agreements with most four-year universities in this program. However, transfer requirements at four-year colleges and universities vary from institution to institution. Students should consult with a counselor for specific information regarding the transfer requirements of their preferred college or university. For more information please call (760) 773-2571.

Advisor: M. Manis

ACCOUNTING CERTIFICATE
for employment preparation

<table>
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<tr>
<th>Dept. No.</th>
<th>Title ........................................</th>
<th>Units</th>
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</thead>
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<td>Required Courses:</td>
<td>BUAC 1A  Financial Accounting I .............3</td>
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<td>BUAC 1B  Financial Accounting II ............3</td>
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<tr>
<td></td>
<td>BUAC 1C  Management Accounting .............3</td>
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<td></td>
<td>BUAC 4  Tax Accounting I-Individuals .........3</td>
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<tr>
<td>or BUAC 5  Tax Accounting II-Small Bus/Corp (3)</td>
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<tr>
<td>BUAC 10  Computer Accounting ..................3</td>
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<tr>
<td>BUAC 50  Accounting/Business Environment .....3</td>
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<td>CIS 72D  Excel ..................................3</td>
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</table>

Required Subtotal ........................................ 21

Note: BUAC 66, Fundamental Accounting Procedures, is a prerequisite for BUAC 1A

Continued on next page ..................>
Business administration is the study of basic principles and techniques to effectively manage and lead human organizations.

Career paths chosen by students pursuing undergraduate studies in business administration commonly include areas like general business, accounting, information technology and public administration. Careers in the discipline that generally require higher-level degrees include general managers, directors, accountants, economists, and even some higher level supervisory positions.

Even students who choose not to major in business administration find that coursework in the field can improve their ability to think critically, problem-solve, manage their lives, and understand the economic issues that engage our world, our country, and our communities.

College of the Desert’s business administration curriculum includes course offerings that provide a general overview of the discipline, as well as the flexibility to go into a variety of other areas that reflect a student’s particular interests, such as: finance, human resources, hospitality, and information technology.

The College offers an Associate of Arts degree in Business Administration for transfer preparation only. Students earning an associate’s degree in business administration may pursue positions from first-line managers to mid-level managers, depending on how far they pursue their higher education. In addition, they will be able to pursue almost any entry-level position in a variety of businesses. Students in business administration may choose to continue their study in the discipline toward a bachelor’s or graduate degree. COD has transfer agreements with many of the California State Universities and University of California systems in this discipline/program. However, transfer requirements at four-year colleges and universities tend to vary from institution to institution; students should consult with a counselor for specific information regarding the transfer requirements of their preferred college or university, especially in the area of mathematics.

Business administration courses provide focused training and practice to enable students to pursue a variety of occupational interests. College level skill in English and some math are often required as prerequisites (required prior to enrolling) in many business administration and other COD courses. For more information please call (760) 773-2571.

Advisor: D. George

BUSINESS ADMINISTRATION A. A. DEGREE

and transfer preparation

Dept. No. Title ........................................................ Units
Required Courses:
BUAC 1A Financial Accounting I ......................... 3
BUAC 1B Financial Accounting II ....................... 3
BUAC 1C Management Accounting ..................... 3
BUMA 20A Business Law ...................................... 3
BUMA 20B Business Law ...................................... 3
CIS 70A Computer Business App/Windows ............ 3
ECON 1 Principles of Macroeconomics ............... 3
ECON 2 Principles of Microeconomics ............... 3

Required Subtotal ............................................. 24
General Education (Option 1 or 2) .................... 34-43
Physical Education Activities ............................ 2
DEGREE TOTAL .................................................. 60-69

Note: All students majoring in Business Administration are encouraged to take either Math-010 or Math-014 as partial fulfillment of the lower division General Education requirements for transfer to either CSU or UC. However, because Math requirements vary among institutions, each student should consult their intended transfer institution to verify that they have satisfied that institution’s lower division General Education mathematics requirement.

COMPUTER INFORMATION SYSTEMS

Computer information systems (CIS) is the study of the tools and techniques used to effectively and efficiently transform raw data into useful information.

Career paths chosen by students pursuing undergraduate studies in CIS commonly include office administration, general business, web design, software installation and maintenance, software quality control, database management, electronic bookkeeping, network administration and customer support.
Careers in the discipline that generally require higher level degrees include programming, system analysis, database design, network design and administration, and security management.

Even students who choose not to major in CIS find that coursework in the field can improve their ability to think analytically, solve problems, organize thoughts and information, and utilize new technology more efficiently and effectively.

Our discussions with industry representatives indicate that in today’s world employers expect and demand a certain minimum of computer skills as a given, much as they expect an employee to be able to read, write, and use basic math. College of the Desert’s CIS curriculum includes course offerings that provide a general overview of the discipline, as well as courses dealing with more advanced software concepts, and tools used in the business environment.

The College offers appropriate certificates and degrees in computer information systems. In addition to the immediate employment benefits of certificates and associate degrees, coursework at College of the Desert prepares the way for further study at the Baccalaureate level within the California State Universities and University of California systems, and other colleges nationwide. For more information please call (760) 773-2571.

**Advisors:** Z. Becker, C. Decker, T. Gillman

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**COMPUTER INFORMATION SYSTEMS CERTIFICATE**

for employment preparation

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<td>CS</td>
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<td>Intro to Computer Science</td>
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**Business Applications (18 units):**

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<td>PowerPoint</td>
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<td>Expression Web</td>
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<td>76B</td>
<td>Word</td>
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<td>Web Publishing I</td>
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**Elective Courses (Select 3 units):**

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<tr>
<td>CIS</td>
<td>84C</td>
<td>Web Publishing III/Perl</td>
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<tr>
<td>CS</td>
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<td>Visual Basic Programming I</td>
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**Required Courses:**

- CIS 87 Assembler Language Programming ....4
- CS 89 C++ Programming I .......................3
- CS 89A C++ Programming II .....................3
- BUAC 1A Financial Accounting I ............3
- BUAC 66 Fundamental Acctg. Procedures ....3
- BUMA 10 Intro to Business ..................3
- BUMA 28 Small Business: Dev/Mgmt .........3

**Business Applications** ..................................... 18

**Electives** ........................................................ 3

**CERTIFICATE TOTAL .................................................... 30**

**COMPUTER INFORMATION SYSTEMS A. A. DEGREE**

for employment preparation

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<td>CIS</td>
<td>70B</td>
<td>Windows and Internet</td>
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**Business Applications (18 units):**

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<td>Expression Web</td>
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**Elective Courses (Select 15 units):**

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<tr>
<td>CIS</td>
<td>83C</td>
<td>Web Publishing II/Java Script</td>
<td>3</td>
</tr>
<tr>
<td>CIS</td>
<td>83D</td>
<td>Computer Graphics II</td>
<td>3</td>
</tr>
<tr>
<td>CIS</td>
<td>84C</td>
<td>Web Publishing III/Perl</td>
<td>3</td>
</tr>
<tr>
<td>CS</td>
<td>86</td>
<td>Visual Basic Programming I</td>
<td>3</td>
</tr>
</tbody>
</table>

**Required Courses** .................................................. 9

**Business Applications** ..................................... 18

**Electives** ........................................................ 15

**General Education Requirements** .................................... 18

**Physical Education Activities** ...................................... 2

**DEGREE TOTAL ........................................................ 62**
88 Business

COMPUTER SCIENCE

Computer science (CS) is that branch of computer technology pertaining to the study of software languages and the development of computer programming skills.

Career paths chosen by students pursuing undergraduate studies in CS commonly include entry level programming positions in all branches of business, technical customer support, software quality assurance, and web server administration and support.

Careers in the discipline that generally require graduate-level degrees include lead programming positions, systems analysis, web server design, and general programming for any company requiring non-traditional software solutions.

Even students who choose not to major in CS find that coursework in this field can significantly improve their ability to think critically, reason logically, and solve complex problems.

College of the Desert’s CS curriculum includes course offerings that provide a general overview of the discipline, as well as allowing the student to develop the programming skills required for success in technical careers and/or transfer to a four-year college or university.

The College offers an associate’s degree in CS, designed to prepare its graduates for entry-level positions as described above, or for transfer to a four-year institution to continue their study in the discipline toward a bachelor’s or graduate degree.

COD has transfer agreements with various California State Universities and University of California systems in this discipline, notably California State University, San Bernardino, our closest four-year institution. However, transfer requirements at four-year colleges and universities tend to vary between institutions, so students should consult with a counselor as soon as possible for specific information regarding the transfer requirements of their preferred college or university. For more information please call (760) 773-2571.

Advisors: T. Gillman

COMPUTER SCIENCE A. A. DEGREE

and transfer preparation

Required Transfer Courses:

<table>
<thead>
<tr>
<th>Dept.</th>
<th>No.</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS</td>
<td>73</td>
<td>Intro to Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>CS</td>
<td>86</td>
<td>Visual Basic Programming I</td>
<td>3</td>
</tr>
<tr>
<td>CS</td>
<td>87</td>
<td>Assembler Lang Program.</td>
<td>4</td>
</tr>
<tr>
<td>CS</td>
<td>89</td>
<td>C++ Programming I</td>
<td>3</td>
</tr>
<tr>
<td>CS</td>
<td>89A</td>
<td>C++ Programming II</td>
<td>3</td>
</tr>
<tr>
<td>MATH</td>
<td>2A</td>
<td>Multivariate Calculus</td>
<td>5</td>
</tr>
</tbody>
</table>

General Education** *(Option 1* or 2) .................................. 34-43
*Transferable Electives (as needed) ...................................... 3
Physical Education Activities ........................................ 2

DEGREE TOTAL ..................................................................... 60

**Must include:

- PH 2A&B College Physics ........................................ (4)(4)
- or PH 4A&B Engineering Physics ............................... (5)(5)

ECONOMICS

The purpose of the economics program is to provide as many students as possible with an opportunity to:

- acquire a basic knowledge of economics
- become aware of the role and place of economics in their personal and public life
- get exposure to the critical thinking approach especially in the context of addressing economic issues
- achieve their academic and career objectives as well as their personal development goals

Presently we offer two principle courses in economics on a regular basis - Principles of Macroeconomics and Principles of Microeconomics. These courses are offered in a variety of instructional forms – conventional, online, and hybrid – to reach out to and serve as wide a range of students as possible. We offer our economic courses at different times with different instructors to provide students with plenty of choices.

The two principle economic courses are transferable to California State Universities and University of California systems as general education courses as well as core courses for economics and business degree programs. Students may acquire an AA degree in economics or use the courses for transfer credit to universities. The economics program and courses prepare students for more advanced degrees in a variety of disciplines including economics, social sciences, business, and law. The program also provides a basic understanding of the economic and business environment for those interested in owning and operating a business or those who seek a career in private or government establishments. For more information please call (760) 773-2571.

Advisor: H. Shahidi
ECONOMICS A.A. DEGREE and transfer preparation

Required Courses:

Dept. No. Title ................................................. Units
BUAC 1A Financial Accounting I ......................... 3
BUAC 1B Financial Accounting II ......................... 3
CIS 70A Computer Bus Appl/Windows .................. 3
BUMA 20A Business Law .................................... 3
ECON 1 Principles of Macroeconomics .................. 3
ECON 2 Principles of Microeconomics .................... 3
SOC 3 Fund. of Statistics .................................... 3
or MATH 14 Statistical Methods(4) ...................... 3

Required Subtotal ........................................... 21-22
General Education (Option 1* or 2) ..................... 34-43
*Transferable Electives (as needed) ....................... 3
Physical Education Activities ............................. 2
DEGREE TOTAL .................................................. 60-67

GENERAL BUSINESS

General business is the study of basic principles and techniques to effectively manage and lead human organizations. Career paths chosen by students pursuing undergraduate studies in general business commonly include areas like business, accounting, information technology and public administration.

Careers in the discipline that generally require higher-level degrees include general managers, directors, accountants, economists, and even some higher level supervisory positions. Even students who choose not to major in general business find that coursework in the field can improve their ability to think critically, problem-solve, manage their lives, and understand the economic issues that engage our world, our country, and our communities.

College of the Desert’s general business curriculum includes course offerings that provide a general overview of the discipline, as well as the flexibility to go into a variety of other areas that reflect a student’s particular interests, such as finance, human resources, hospitality, and information technology.

The College offers an Associate of Arts degree in General Business for employment preparation only. Students earning an associate’s degree in general business may pursue positions as first-line managers and almost any entry-level position in a variety of businesses. This program was not developed to be transferable to a four-year university. Changing academic goals will probably require additional courses.

GENERAL BUSINESS A.A. DEGREE for employment preparation

Required Courses:

Dept. No. Title ................................................. Units
BUAC 1A Financial Accounting I ......................... 3
BUAC 1B Financial Accounting II ......................... 3
BUAC 10 Computer Accounting ........................... 3
BUMA 1 Principles of Management ....................... 3
BUMA 10 Intro. to Business ................................ 3
CIS 70A Computer Bus Appl/Windows .................. 3
ECON 1 Principles of Macroeconomics ................. 3
ECON 2 Principles of Microeconomics ................. 3
or ECON 11 Int’l Econ. Relations(3) ...................... 3

Electives (18 units) to be selected from the following areas with consent of an advisor: Accounting, Agri/Business, Business Law, Computer Science, Computer Information Systems, Economics, Finance, Hotel/Restaurant Management, Management, Marketing

Required Courses Subtotal ................................ 24
Recommended Electives ..................................... 18
General Education Requirements ....................... 18
Physical Education Activities ........................... 2
DEGREE TOTAL .................................................. 62

GOLF MANAGEMENT

Golf management is the study of all aspects pertaining to the operation and the responsibilities of the golf professional in managing a public or private golf facility. Career paths chosen by students pursuing undergraduate studies in golf management commonly include marketing and management as part of their work load.

Even students who choose not to major in golf management find that coursework in the field can improve their ability to clearly articulate relating to problem solving.

College of the Desert’s golf management curriculum includes course offerings that provide a general overview of the discipline, as well as hands-on training that can be measured for industry needs and standards.

The College offers a Certificate of Achievement in Golf Management, an Associate of Arts degree, as well as
Business

courses leading to transfer. The certificate of achievement is designed to provide students with skills necessary for employment or advancement as entry-level golf course employees. Students earning the certificate may also choose to continue their study toward an associate, baccalaureate or advanced degree in the field. Past recipients of the COD Certificate of Achievement in Golf Management have obtained positions as directors of golf at golf facilities nationwide. Students earning an associate’s degree in golf management may pursue entry-level positions as apprentice PGA golf professionals or may choose to continue their study in the discipline toward a bachelor’s or graduate degree. For more information please call (760) 773-2571.

Advisor: T. Manzoni

GOLF MANAGEMENT CERTIFICATE for employment preparation

Dept. No. Title ................................................. Units

Required Courses:
GOLF 29 Methods of Teaching Golf ................ 2
GOLF 30 Short Game and Putting ..................2
GOLF 32 Teaching Lab ...................................2
GOLF 34 Club Design and Repair ...................2
GOLF 36 Fund. and Rules of Golf ..................2
AGEH 33 Golf Car Maintenance ....................2
AGEH 34 Golf Course Management .................3
AGPS 5 Plant Science ....................................3
AGPS 5L Plant Science Lab ..........................1
BUMA 10 Intro to Business ...........................3
BUMA 24 Resort Personnel/Human Rel ...........3
BUMA 25 Golf Shop Operations .....................2
SP 4 Public Speaking ..................................3

Required Subtotal ........................................30

Recommended Electives (12 units):
AGEH 4 Turfgrass Management ....................2
AGEH 8 Park and Landscape Mgmt ................3
AGEH 9 Landscape Planning & Design ............3
AGEH 20 Landscape Construction ..................2
AGEH 30 Landscape Equipment ......................3
AGEH 46 Landscape Irrigation Systems ............2
AGPS 1 Soils and Plant Nutrition ..................4
BUMA 1 Principles of Management .................3
BUMA 20A Business Law ...............................3
BUMA 27 Marketing ....................................3
BUSM 82 Purchasing ...................................2
CIS 70A Computer Bus App/Windows .............3
ECON 1 Principles of Macroeconomics ..........3
PE 86 Tennis .............................................1
RE 1 Intro to Community Recreation .............3
RE 2A Recreation Field Work ......................1

Required Subtotal ........................................30

Elective Subtotal .......................................12

General Education Requirements ..................18

DEGREE TOTAL ...........................................60

HOTEL & RESTAURANT MANAGEMENT

Hotel and restaurant management is the study of different aspects of management as it relates to the hospitality industry, in particular, hotels and restaurants. Career paths chosen by students pursuing undergraduate studies in hotel and restaurant management commonly include entry and sometimes mid-level management positions in any number of the hospitality sectors, not just hotel and restaurant positions.

Careers in the discipline that generally require graduate-level degrees include general managers, club managers, chefs, directors of various operational areas in the hospitality sector such as human resources, finances, etc.

Even students who choose not to major in hotel and restaurant management find that coursework in the field can improve their ability to think critically, solve complex problems, be more aware of their personal abilities/skills, and simply manage in general more effectively.

College of the Desert’s hotel and restaurant management curriculum includes course offerings that provide a general overview of the discipline, as well as course offerings in cooking and accounting.
The College offers an Associate of Arts degree, as well as courses leading to transfer. Students earning an associate’s degree in hotel and restaurant management may pursue (entry-level) positions as managers/line staff or may choose to continue their study in the discipline toward a bachelor’s or graduate degree. COD has a transfer agreement with California State Polytechnic University, Pomona, in this discipline. However, transfer requirements at four-year colleges and universities vary from institution to institution; students should consult with a counselor for specific information regarding the transfer requirements of their preferred college or university.

Management, accounting and various hospitality related courses provide focused training and practice to enable students to acquire the skill necessary to pursue their degree and/or transfer goals. College level skill in English is prerequisite (required prior to enrolling) in many of these hotel and restaurant management courses. For more information please call (760) 773-2571.

Advisors: S. Beno, D. George

HOTEL & RESTAURANT MANAGEMENT
A. A. DEGREE
and transfer preparation

This degree satisfies the lower division core courses and general education requirements leading to a B.S. degree in Hotel and Restaurant Management from California State Polytechnic University, Pomona.

<table>
<thead>
<tr>
<th>Dept. No.</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUAC 1A</td>
<td>Financial Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>BUAC 1B</td>
<td>Financial Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>BUHM 50</td>
<td>Intro to Hospitality Industry</td>
<td>3</td>
</tr>
<tr>
<td>BUHM 63</td>
<td>Hotel &amp; Restaurant Operations</td>
<td>3</td>
</tr>
<tr>
<td>BUMA 20A</td>
<td>Business Law</td>
<td>3</td>
</tr>
<tr>
<td>CART 1</td>
<td>Sanitation, Safety &amp; Equipment</td>
<td>3</td>
</tr>
<tr>
<td>CART 3</td>
<td>Principles of Cooking</td>
<td>5</td>
</tr>
</tbody>
</table>

Required Subtotal ........................................... 23

General Education (Option 1* or 2) ............... 34-43

*Transferable Electives (as needed) ............... 1

Physical Education Activities....................2

DEGREE TOTAL ................................................. 60-68

SUPERVISION AND MANAGEMENT
A. A. DEGREE
for employment preparation

<table>
<thead>
<tr>
<th>Dept. No.</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSM 70</td>
<td>Affirm. Action for Supervisors</td>
<td>2</td>
</tr>
<tr>
<td>BUSM 81</td>
<td>Quality Management</td>
<td>2</td>
</tr>
<tr>
<td>BUSM 82</td>
<td>Purchasing</td>
<td>2</td>
</tr>
<tr>
<td>BUSM 83</td>
<td>Developing Employees/Training</td>
<td>2</td>
</tr>
<tr>
<td>BUSM 84</td>
<td>Job Analysis for Wage Admin.</td>
<td>2</td>
</tr>
<tr>
<td>BUSM 91</td>
<td>Elements of Supervision</td>
<td>2</td>
</tr>
<tr>
<td>BUSM 92</td>
<td>Psychology for Supervisors</td>
<td>2</td>
</tr>
<tr>
<td>BUSM 93</td>
<td>Human Relations</td>
<td>2</td>
</tr>
<tr>
<td>BUSM 94</td>
<td>Communication for Supervisors</td>
<td>3</td>
</tr>
<tr>
<td>BUSM 95</td>
<td>Labor-Mgmt. Relations</td>
<td>2</td>
</tr>
<tr>
<td>BUSM 96</td>
<td>Org. Patterns &amp; Mgmt.</td>
<td>2</td>
</tr>
<tr>
<td>BUSM 98</td>
<td>Work Simplification</td>
<td>2</td>
</tr>
<tr>
<td>BUSM 99</td>
<td>Cost Control for Supervisors</td>
<td>2</td>
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</tbody>
</table>

Four (4) units from the following may be substituted for any two (2) of the above courses:

<table>
<thead>
<tr>
<th>Dept. No.</th>
<th>Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>BUSM 71</td>
<td>Safety Management</td>
<td>2</td>
</tr>
<tr>
<td>BUMA 1</td>
<td>Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>BUMA 10</td>
<td>Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>BUMA 27</td>
<td>Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives (15 units) to be selected from the following courses with consent of an advisor: AGBU, BUAC, BUFI, BUHM, BUMA, CIS, CS, ECON

Required Subtotal ........................................... 27

Elective Subtotal ........................................... 15

General Education Requirements ................... 18

DEGREE TOTAL ................................................. 60

SUPERVISION AND MANAGEMENT
CERTIFICATE
for employment preparation

<table>
<thead>
<tr>
<th>Dept. No.</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSM 91</td>
<td>Elements of Supervision</td>
<td>2</td>
</tr>
<tr>
<td>BUSM 92</td>
<td>Psychology for Supervisors</td>
<td>2</td>
</tr>
<tr>
<td>BUSM 93</td>
<td>Human Relations</td>
<td>2</td>
</tr>
<tr>
<td>BUSM 94</td>
<td>Communication for Supervisors</td>
<td>3</td>
</tr>
</tbody>
</table>

Required Subtotal ........................................... 9

Elective Subtotal* ........................................... 16

CERTIFICATE TOTAL ......................................... 25

*Electives to be selected from eight (8) of other Supervision classes offered; at two (2) units each for a total of 16 units.

Advisor: D. George
CULINARY ARTS

The Culinary arts program at College of the Desert provides training for careers in the food service and lodging industries, one of the fastest growing sectors in today’s job market. The program includes training at three levels: entry, intermediate and advanced.

This program is designed to prepare future working cooks and chef apprentices, provide courses for the student desiring personal enrichment, and enhance the skills and professional qualifications of cooks and chefs employed in the local industry. For more information please call (760) 773-2571.

Advisor: S. Beno

CULINARY MANAGEMENT A. A. DEGREE

(Include Certificate Program)

<table>
<thead>
<tr>
<th>Dept. No.</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Courses:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CART 01</td>
<td>Sanitation &amp; Safety</td>
<td>3</td>
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<tr>
<td>CART 03</td>
<td>Principles of Cooking</td>
<td>5</td>
</tr>
<tr>
<td>CART 04</td>
<td>Pantry</td>
<td>5</td>
</tr>
<tr>
<td>CART 06</td>
<td>Garde Manger</td>
<td>5</td>
</tr>
<tr>
<td>CART 10</td>
<td>Food Procurement &amp; Cost Control</td>
<td>3</td>
</tr>
<tr>
<td>CART 11</td>
<td>Menu Planning</td>
<td>3</td>
</tr>
<tr>
<td>CART 33</td>
<td>Intro to Baking</td>
<td>4</td>
</tr>
<tr>
<td>CART 34</td>
<td>Intermediate Baking</td>
<td>4</td>
</tr>
<tr>
<td>BUHM 50</td>
<td>Intro to Hospitality Industry</td>
<td>3</td>
</tr>
<tr>
<td>BUHM 63</td>
<td>Hotel &amp; Restaurant Operations</td>
<td>3</td>
</tr>
<tr>
<td>BUMA 01</td>
<td>Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>CIS 70A</td>
<td>Computer Business Appl/Windows</td>
<td>3</td>
</tr>
</tbody>
</table>

CERTIFICATE TOTAL .................................................... 39
General Education Requirements .............................. 18
DEGREE TOTAL ........................................................ 62

BASIC CULINARY ARTS CERTIFICATE

(Include Certificate Program)

<table>
<thead>
<tr>
<th>Dept. No.</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>Required Courses:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CART 01</td>
<td>Sanitation &amp; Safety</td>
<td>3</td>
</tr>
<tr>
<td>CART 03</td>
<td>Principles of Cooking</td>
<td>5</td>
</tr>
<tr>
<td>CART 04</td>
<td>Pantry</td>
<td>5</td>
</tr>
<tr>
<td>CART 33</td>
<td>Intro to Baking</td>
<td>4</td>
</tr>
<tr>
<td>BUHM 50</td>
<td>Intro to Hospitality Industry</td>
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</tr>
</tbody>
</table>

CERTIFICATE TOTAL .................................................... 20

INTERMEDIATE CULINARY ARTS CERTIFICATE

(Include Certificate Program)

<table>
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<tr>
<th>Dept. No.</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Courses:</td>
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<td></td>
</tr>
<tr>
<td>CART 01</td>
<td>Sanitation &amp; Safety</td>
<td>3</td>
</tr>
<tr>
<td>CART 03</td>
<td>Principles of Cooking</td>
<td>5</td>
</tr>
<tr>
<td>CART 04</td>
<td>Pantry</td>
<td>5</td>
</tr>
<tr>
<td>CART 06</td>
<td>Garde Manger</td>
<td>5</td>
</tr>
<tr>
<td>CART 33</td>
<td>Intro to Baking</td>
<td>4</td>
</tr>
<tr>
<td>CART 34</td>
<td>Intermediate Baking</td>
<td>4</td>
</tr>
<tr>
<td>BUHM 50</td>
<td>Intro to Hospitality Industry</td>
<td>3</td>
</tr>
<tr>
<td>BUMA 01</td>
<td>Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>Required Business Elective</td>
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<td></td>
</tr>
</tbody>
</table>

CERTIFICATE TOTAL .................................................... 39

DIGITAL DESIGN AND PRODUCTION

Digital design and production (DDP) is the study of computer graphic design for print and the web. Career paths chosen by students pursuing undergraduate studies in DDP commonly include graphic design, web design, animation and video production. Careers in the discipline that generally require graduate-level degrees include college teacher, creative director and art director. Even students who choose not to major in DDP find that coursework in the field can improve their ability to think critically, solve complex problems, improve their skills on the computer, research and analysis for design projects.

College of the Desert’s DDP curriculum includes course offerings that provide a general overview of the discipline, as well as specific courses in Photoshop, Illustrator, QuarkXPress, basic animation and basic web content.

The College offers a Certificate of Achievement in DDP, an Associate of Arts degree, as well as courses leading to transfer. The certificate of achievement is designed to provide students with skills necessary for employment or advancement as graphic designers. Students earning the certificate may also choose to continue their study toward an associate, baccalaureate or advanced degree in the field. Past recipients of the COD Certificate of Achievement in DDP have obtained positions as graphic designers, art directors, and creative directors. Students earning an associate’s degree in DDP may pursue (entry-level) positions as graphic designers or may choose to continue their study in the discipline toward a bachelor’s or graduate degree. COD has transfer agreements with California State Universities in this discipline/program.
Digital Design & Production - Disabled Students Programs & Services

However, transfer requirements at four-year colleges and universities vary from institution to institution; students should consult with a counselor for specific information regarding the transfer requirements of their preferred college or university. For more information please call (760) 773-2571.

Advisor: D. Acquistapace

DIGITAL DESIGN & PRODUCTION A. A. DEGREE
for employment preparation

Dept. No. Title ......................................... Units
Required Courses:
DDP  1  Computer Graphics I .............................3
DDP  2  Computer Graphics II .............................3
DDP 10  Graphic Design I ..................................3
DDP 11  Graphic Design II ..................................3
DDP 20  New Media I ........................................3
Required Subtotal ..............................................15
Electives - 25 units to be chosen with advisor approval:
ART  1A  Drawing and Composition .......................3
ART  3A  Basic Design and Color ..........................3
ART  10  Introduction to Art ...............................3
ART 30A  Beg. Black & White Photography ..........3
CIS  70A  Computer Business App/WINDOWS ...........3
CIS  70B  Windows and the Internet ......................3
CIS  82C  Web Publishing I ................................3
CIS  83C  Web Publishing II/Java Script ...............3
DDP  21  New Media II .....................................3
DDP  31  Digital Photography ............................3
DDP  32  Applied Digital Photography .................3
MUS  78A  Intro to Digital Audio ........................3
Elective Subtotal ...............................................9
CERTIFICATE TOTAL ...........................................24

DIGITAL DESIGN & PRODUCTION CERTIFICATE
for employment preparation

Dept. No. Title ......................................... Units
Required Courses:
DDP  1  Computer Graphics I .............................3
DDP  2  Computer Graphics II .............................3
DDP 10  Graphic Design I ..................................3
DDP 11  Graphic Design II ..................................3
DDP 20  New Media I ........................................3
Required Subtotal ..............................................15
Elective Subtotal ...............................................9
General Education Subtotal (confer with Advisor) ...18
Physical Education Activities ...............................2
DEGREE TOTAL ..................................................60

DISABLED STUDENTS
PROGRAMS AND SERVICES

Students with disabilities at College of the Desert participate in the same activities and courses as any student. Special services are offered to provide a more equitable classroom experience and to help successfully integrate the student into college life. Services for students with verified disabilities may include: priority registration, tutoring, interpreters, notetakers, specialized counseling, and specialized equipment.

Disabled Students Programs and Services (DSPS) provide special instructional opportunities to qualified students. Participation is voluntary. Interested students must meet with the appropriate DSPS counselor to apply for these programs. Special instructional programs include: DSPS High Tech Center, WorkAbility III, and Adapted Physical Education courses.

All interested individuals are urged to contact the Learning Disabilities Specialist, a Counselor, or the Director of Student Health and Disability Services for further information:

(760) 773-2534; TDD (760) 773-2598.
DRAFTING/CAD

Drafting/CAD programs have a common objective, they are aimed at the betterment of the human physical environment. These programs endeavor to give the student a technical background, a set of social values, and a range of occupational skills, which result in creative expression.

The various curricula in drafting/CAD are intended to be as flexible as possible to best serve student needs. The drafting/CAD programs have a common core of courses which provides undecided students an opportunity to change disciplines within the environmental design group without backtracking and starting over. They also offer students valuable insights into other related disciplines and occupations.

Transfer programs include courses that are designed to meet the requirements of selected universities. Students should check transfer status of individual courses depending on their choice of a transfer institution. The occupational programs are designed to prepare students for employment immediately upon graduation. For more information please call (760) 773-2571.

Advisor: D. Bitanga

GENERAL DRAFTING A. A. DEGREE
for employment preparation

<table>
<thead>
<tr>
<th>Dept. No.</th>
<th>Title ........................................</th>
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<td>DRA 8</td>
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<td>ARCH 1</td>
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<td>Materials of Construction ................</td>
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<td>ARCH 3A</td>
<td>Architectural Practice I .................</td>
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Certification Total ............................................. 32.5

EARLY CHILDHOOD EDUCATION

Early childhood education (ECE) is the study of child development and developmentally appropriate practices for young children. Career paths chosen by students pursuing undergraduate studies in ECE commonly include infant/toddler or preschool teachers and administrators. Careers in the discipline that generally require graduate-level degrees include teachers and administrators of government funded programs like Head Start and state preschools. Even students who choose not to major in ECE find that coursework in the field improves their parenting skills.

College of the Desert’s ECE curriculum includes course offerings that provide a general overview of the discipline, as well as teaching strategies that are developmentally appropriate for young children. Students earning ECE certificates may also choose to continue their study toward an associate, baccalaureate or advanced degree in the field. Students earning an associate’s degree in ECE may pursue entry-level positions as preschool teachers or may choose to continue their study in the discipline toward a bachelor’s or graduate degree. COD has transfer agreements with CSUSB, in this discipline/program. However, transfer requirements at four-year colleges and universities tend to vary from institution to institution; students should consult with a counselor for specific information regarding the transfer requirements of their preferred college or university. For more information please call (760) 773-2578.

Advisors: D. Green, W. Sanders
Early Childhood Education

EARLY CHILDHOOD EDUCATION A. A. DEGREE
for employment preparation and State of California
SITE Supervisor Credential preparation

Dept. No. Title ................................................. Units

Required Courses:
ECE 1 Principles & Practices of Teaching ......3
ECE 10 Child Growth & Development ..........3
ECE 12 Child, Family and Community ..........3
ECE 23 Mentor Teacher/Adult Supervision ........2
ECE 24 Admin./Programs for Young Child ......3
ECE 25 Adv Admin./Programs for Young Child ..3
ECE 40 Intro to Curriculum ............................3
ECE 44 Health, Safety & Nutrition ...............3
ECE 45 Teaching in a Diverse Society ..........3
ECE 46A Observation & Assessment ...............3
ECE 47 Practicum in ECE ...............................3

Required Core Subtotal ............................................ 32

Elective - two courses to be chosen from the following:
ECE 10A Preschool Child Development ..........3
ECE 10B School Age Child Growth & Dev ......3
ECE 19 Children's Lang. & Lit. ....................3
ECE 20 Infant/Toddler Growth & Dev. ..........3
ECE 30 Curriculum Design. .........................3
ECE 31 Child Abuse & Neglect ....................3
ECE 33 Survey of Special Education ............3
ECE 36 Music for Young Children ...............3
ECE 38 Science & Number Concepts ..............3

Recommended COD General Education Courses:
ENG 1A Composition ........................................4
MATH 40 Intermed. Algebra ...........................4
NR 1 OR (Natural Sciences selected course) ......3
PSY 1 OR (Social/Behavioral Sciences selected course) . 3
ASL 1A OR (Humanities selected course) ..........3
SP 1 OR (Traditions & Cultures selected course) .....3

Core Requirements ..............................................32
General Education Requirements ..................20
ECE Elective ....................................................6
Physical Education Activities ........................2

DEGREE TOTAL ..................................................60

Note: State of California requires 350 days of experience working in a child care program for a Site Supervisor Permit.

For transfer please consult with a COD Counselor or an ECE Advisor for course selection. Admission and General Education requirements vary depending on transfer institution.

State Requirements for ECE Associate Teachers

The following courses fulfill the California State requirement of 12 semester units for fully qualified associate teachers in private nursery schools and child care centers (Title 22). The State of California also requires 50 days of experience working in a child care program to apply for an Associate Teacher Credential. This certificate is locally approved and is NOT notated on the student's academic transcript in accordance with State regulations.

ASSOCIATE TEACHER CERTIFICATE and Preparation for State Permit

Dept. No. Title ................................................. Units

Required Courses:
ECE 1 Principles & Practices of Teaching ......3
ECE 10 Child Growth & Development ..........3
ECE 12 Child, Family & Community ............3
ECE 40 Intro to Curriculum ............................3
ECE 46A Observation & Assessment ...............3

CERTIFICATE TOTAL ............................................. 15

EARLY CHILDHOOD EDUCATION TEACHER CERTIFICATE and preparation for State Permit

Dept. No. Title ................................................. Units

Required Core Courses:
ECE 1 Principles & Practices of Teaching ......3
ECE 10 Child Growth & Development ..........3
ECE 12 Child, Family & Community ............3
ECE 31 Child Abuse and Neglect ................3
ECE 36 Music for Young Children ...............3
ECE 40 Intro to Curriculum ............................3
ECE 44 Health, Safety & Nutrition ...............3
ECE 46A Observation & Assessment ...............3
ENG 1A Composition ........................................4
ECE 47 Practicum in ECE ...............................3

Required Core Subtotal ........................................31

General Education Courses (12 units from the following areas: Social Sciences, Humanities, Math or Science)

Required Core Subtotal ........................................31
General Education Subtotal .........................12

CERTIFICATE TOTAL ............................................. 43

Note: State of California also requires 175 days of experience working in a child care program to apply for a Teacher Permit.
Early Childhood Education - English

EARLY CHILDHOOD EDUCATION
MASTER TEACHER CERTIFICATE and
preparation for State Permit

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ECE Emphasis Courses .............................................. 6

Infant/Toddler Education:
- ECE 20 Infant/Toddler Growth & Devel. (3) and
- ECE 21 Infant/Toddler Environments (3)

Or Early Childhood Special Education:
- ECE 33 Survey of Special Education (3) and
- ECE 35 Issues in Special Education (3)

Or Early Childhood Curriculum (6 units from the following):
- ECE 19 Children's Language & Lit (3)
- ECE 30 Curriculum Design (3)
- ECE 38 Science & Number Concepts (3)

Required Subtotal .................................................... 39

General Education Courses (12 units from the following areas: Social Sciences, Humanities, Math or Science)

Required Core Subtotal ............................................. 39

General Education Subtotal ....................................... 12

CERTIFICATE TOTAL .................................................. 51

Note: State of California also requires 350 days of experience working in a child care program to apply for a Master Teacher Permit.

Advisors: D. Green, W. Sanders

ENGLISH

College of the Desert’s English program offers a wide range of courses meant to help students develop writing, research, problem solving, and critical thinking skills that are applicable across disciplines and the varied career paths that our diverse student body will pursue. General writing courses prepare students to write effective essays, conduct in-depth research on myriad topics, and use problem solving and critical thinking strategies in synthesizing and relaying information to specific audiences. These skills translate into use then within all disciplines and career paths that students will pursue.

The English program also offers an AA degree in composition or literature as well as courses leading to transfer to a four-year college. Students earning an AA degree in composition or literature are well prepared for myriad career fields in the liberal arts. These programs also provide an excellent preparation for the competitive admission to such professional schools as law and medicine. Students may also choose to continue their study in the discipline toward a bachelor’s degree. Transfer requirements at four-year colleges and universities tend to vary from institution to institution; students should consult with a counselor for specific information regarding the transfer requirements of their preferred college or university. For more information please call (760) 773-2572.


COMPOSITION A. A. DEGREE
and transfer preparation

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<td>ENG</td>
<td>1B</td>
<td>Composition/Literature</td>
<td>3</td>
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</table>

Plus two courses from the following:
- ENG 5A Creative Writing                      | 3
- ENG 23 Intro to Autobiography                | 3
- J 3A News Reporting                          | 3
- J 10 Magazine Writing & Production           | 3
- RTV 5 Radio & Television Writing            | 3

At least three courses from the following:
- ENG 10A American Literature I                | 3
- ENG 10B American Literature II               | 3

Chapter 9 - Associate Degrees and Certificates
## English - English As A Second Language

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</tr>
<tr>
<td>ENG 12A</td>
<td>World Literature I</td>
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<td>ENG 12B</td>
<td>World Literature II</td>
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<tr>
<td>ENG 14</td>
<td>Shakespeare</td>
<td>3</td>
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<tr>
<td>ENG 15</td>
<td>The Short Story</td>
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<td>ENG 16</td>
<td>Literature of the Desert</td>
<td>3</td>
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<td>ENG 17</td>
<td>Women in Literature</td>
<td>3</td>
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<tr>
<td>ENG 18</td>
<td>Introduction to Poetry</td>
<td>3</td>
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<tr>
<td>ENG 21</td>
<td>Intro to Latin American/Chicano Lit</td>
<td>3</td>
</tr>
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<td>ENG 22</td>
<td>Intro to African American Literature</td>
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<td>ENG 25</td>
<td>Intro to the Novel</td>
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<td>ENG 26</td>
<td>The Lesbian, Gay, Bisexual, and Transgender Literary Experience</td>
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<tr>
<td>ENG 31</td>
<td>The Old Testament</td>
<td>3</td>
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<td>ENG 32</td>
<td>The New Testament</td>
<td>3</td>
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<tr>
<td>ENG 35</td>
<td>Myth and Legend</td>
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<td>4 Public Speaking</td>
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<td>SP</td>
<td>7 Decision Making/Advocacy</td>
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Required Subtotal ..................................... 22
General Education (Option 1* or 2) .................... 34-43
*Transferable Electives (as needed) .................. 3
Physical Education Activities ........................ 2
DEGREE TOTAL ............................................ 61-67

### LITERATURE A. A. DEGREE

and transfer preparation

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Required Subtotal ..................................... 22
General Education (Option 1* or 2) .................... 34-43
*Transferable Electives (as needed) .................. 3
Physical Education Activities ........................ 2
DEGREE TOTAL ............................................ 61-67

### English As A Second Language (ESL)

College of the Desert’s English as a Second Language program (ESL) offers credit and noncredit courses preparing students for entry to academic programs at COD as well as for vocational and personal goals.

#### English As A Second Language (ESL) Credit Program

The Credit ESL program is for non-native speakers of English and for those who speak English as a second language. The credit ESL program offers multi-level courses in writing, reading and speaking to prepare students for the demands of higher education or a vocational certificate.

#### English As A Second Language (ESL) Noncredit Program

The Noncredit ESL program is an intensive series of multi-skill courses which meet the needs of students not fluent in English. Persons from the literacy level to advanced level of English proficiency acquire the skills required for their daily lives and prepare themselves to enter high school completion, vocational or academic programs.

Classes are open-entry, thereby allowing students to register at any time during the school year. Classes are held day and evening at Palm Desert, Eastern Valley Center and other off-campus locations.
English As A Second Language - Fire Technology

All persons 18 years of age and older regardless of their educational background are welcome to enroll in this program.

The Noncredit ESL program also offers two noncredit certificate options to students. The English Proficiency Certificate focuses on the essential English language skills needed in day-to-day living and working situations. The Academic English Certificate is for students who are planning on pursuing a college degree or vocational certificate. Please refer to the sequence of noncredit ESL courses required for these certificates. For more information please call (760) 773-2559.

ENGLISH PROFICIENCY CERTIFICATE: LIFE & WORK SKILLS

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ACADEMIC ENGLISH CERTIFICATE

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FIRE TECHNOLOGY

FIRE TECHNOLOGY A. S. DEGREE for employment preparation

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<td>FIRE 1</td>
<td>Fire Protection Organizations</td>
<td>3</td>
</tr>
<tr>
<td>FIRE 2</td>
<td>Fire Prevention</td>
<td>3</td>
</tr>
<tr>
<td>FIRE 3</td>
<td>Fire Protection Equipment/Systems</td>
<td>3</td>
</tr>
<tr>
<td>FIRE 4</td>
<td>Bldg Construction/Fire Protection</td>
<td>3</td>
</tr>
<tr>
<td>FIRE 5</td>
<td>Fire Behavior &amp; Combustion</td>
<td>3</td>
</tr>
<tr>
<td>FIRE 6</td>
<td>Hazardous Materials/ICS</td>
<td>3</td>
</tr>
<tr>
<td>EMT 84</td>
<td>Emergency Medical Tech I</td>
<td>6</td>
</tr>
<tr>
<td>Required</td>
<td>Subtotal</td>
<td>24</td>
</tr>
</tbody>
</table>

Electives - Choose 10 units (with Advisor approval):

| FIRE 10  | Wildland Fire Technology            | 3.0   |
| FIRE 70  | Confined Space-Awareness            | 0.5   |
| FIRE 71  | Confined Space-Operational          | 1.0   |
DEGREE TOTAL .......................................................... 60

FIRE TECHNOLOGY CERTIFICATE
for employment preparation

Dept.  No.  Title ................................................. Units
Required Courses:
FIRE  1  Fire Protection Organizations ............ 3
FIRE  2  Fire Prevention .................................. 3
FIRE  3  Fire Protection Equipment/Systems ... 3
FIRE  4  Bldg Construction/Fire Protection ....... 3
FIRE  5  Fire Behavior & Combustion ............... 3
FIRE  6  Hazardous Materials/ICS ................. 3
EMT  84  Emergency Medical Tech I .............. 6
Required Subtotal .................................................. 24

Electives - Choose 4 units (with advisor approval):
FIRE 10  Wildland Fire Technology ................. 3.0
FIRE 70  Confined Space-Awareness ............... 0.5
FIRE 71  Confined Space-Operational ............ 1.0
FIRE 72  Trench Rescue .................................. 0.5
FIRE 73  Automobile Extrication ............... 0.5
FIRE 74  Fire Control 3 ................................. 1.5
FIRE 75  Hazardous Materials 1st Responder 1.0
FIRE 76  Intro to Rescue Systems ............. 1.0
FIRE 77A  Fire Investigation 1A .............. 2.5
FIRE 77B  Fire Investigation 1B ............ 2.5

Elective Subtotal .................................................. 4
CERTIFICATE TOTAL ................................................ 28

FOREIGN LANGUAGES

College of the Desert offers courses in American Sign Language, French, German, Italian, Japanese, and Spanish.

Any student who feels qualified to take a more advanced course than indicated in his prior work will be encouraged to do so by recommendation of the instructor.

Colleges and universities consider it essential that any student receiving the Bachelor of Arts degree have at least some knowledge of a language and civilization of other cultures. Students who are planning to transfer to a four-year institution should consult their respective catalogs for more specific information. For further information please call (760) 773-2572.

Advisors: P. Agudelo, F. Attoun, D. Sottile

FRENCH, ITALIAN, OR SPANISH A. A. DEGREE
and transfer preparation

Dept.  No.  Title ................................................. Units
Required Courses:
FL  1, 2  Elementary ...................................... 10
or FL 1AB,2AB Elementary (12)
FL  3, 4  Intermediate .................................. 8
FL  Another language .......................... 3-5
Required Subtotal .................................................. 21-25

General Education (Option 1* or 2) .............. 34-43
*Transferable Electives (as needed) ............... 3
Physical Education Activities .................. 2
DEGREE TOTAL .................................................. 60-70
Physical education is the study of health, fitness, recreation and lifetime wellness. Career paths chosen by students pursuing undergraduate studies in physical education commonly include: public school instruction, athletic coaching, recreation management/leisure studies, fitness professional, and corporate wellness programs. Careers in the discipline that generally require graduate-level degrees include: K-12 teacher, physical therapist, athletic trainer, sports/athletic coach, club/corporate wellness director.

Even students who choose not to major in physical education find that coursework in the field can improve their ability to: think critically, apply kinesiology/human movement principles for optimum fitness, apply complex health concepts in the improvement of personal health, fitness and disease prevention, and integrate research in the field to contribute to personal and community well-being.

College of the Desert’s physical education curriculum includes course offerings that provide a general overview of the discipline, as well as specialized instruction in athletic coaching, recreation management, sports officiating, and dance.

Students earning an associate’s degree in physical education may pursue (entry-level) positions such as fitness trainer, community recreation and youth sports coordinator, or may choose to continue their study in the discipline toward a bachelor’s or graduate degree. COD has transfer agreements with the California State Universities and University of California systems in this discipline/program. However, transfer requirements at four-year colleges and universities vary from institution to institution; students should consult with a counselor for specific information regarding the transfer requirements of their preferred college or university. For more information please call (760) 773-2591.

Advisors: W. Ansley, C. Hays

### PHYSICAL EDUCATION A. A. DEGREE and transfer preparation

<table>
<thead>
<tr>
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<th>No.</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE</td>
<td>1</td>
<td>First Aid and Safety</td>
<td>3</td>
</tr>
<tr>
<td>PE</td>
<td>2*</td>
<td>Sports Officiating</td>
<td>3</td>
</tr>
<tr>
<td>PE</td>
<td>3*</td>
<td>Athletic Training I</td>
<td>3</td>
</tr>
<tr>
<td>PE</td>
<td>5*</td>
<td>Foundations of Coaching</td>
<td>3</td>
</tr>
<tr>
<td>PE</td>
<td>8*</td>
<td>Intro to Health &amp; P. E.</td>
<td>3</td>
</tr>
<tr>
<td>PE</td>
<td>40-98**</td>
<td>Physical Education Activity</td>
<td>2</td>
</tr>
<tr>
<td>RE</td>
<td>1*</td>
<td>Intro to Comm. Recreation</td>
<td>3</td>
</tr>
<tr>
<td>RE</td>
<td>2A-D</td>
<td>Recreation Field Work</td>
<td>2</td>
</tr>
</tbody>
</table>

Required Subtotal: 19 units

General Education (Option 1 or 2): 39-43 units

Transferable Electives (as needed to get to 60):

**DEGREE TOTAL: 60 units**

---

### RECREATION A.A. DEGREE and transfer preparation

<table>
<thead>
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<th>No.</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE</td>
<td>1</td>
<td>First Aid and Safety</td>
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<td>PE</td>
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<tr>
<td>PE</td>
<td>5*</td>
<td>Foundations of Coaching</td>
<td>3</td>
</tr>
<tr>
<td>PE</td>
<td>8*</td>
<td>Intro to Health &amp; P. E.</td>
<td>3</td>
</tr>
<tr>
<td>PE</td>
<td>40-98**</td>
<td>Physical Education Activity</td>
<td>2</td>
</tr>
<tr>
<td>RE</td>
<td>1*</td>
<td>Intro to Comm. Recreation</td>
<td>3</td>
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<tr>
<td>RE</td>
<td>2A-D</td>
<td>Recreation Field Work</td>
<td>2</td>
</tr>
</tbody>
</table>

Required Subtotal: 19 units

General Education (Option 1 or 2): 39-43 units

Transferable Electives (as needed to get to 60):

**DEGREE TOTAL: 60 units**

---

* Scheduling priority: Course is offered only every other year
** May double count for Degree PE Requirement
HEALTH SCIENCES

The Division of Health Sciences/ECE offers two degree programs and three certificate programs that prepare men and women for careers in health occupations. Educational pathways include both theoretical instruction on campus and clinical experience in local hospitals and clinics.

Students enrolled in the clinical program are subject to special guidelines developed to protect patient safety. A student may be asked to withdraw from a Health Sciences program for academic reasons or for other reasons such as drug/alcohol abuse, inappropriate social or emotional behavior or documented acts of dishonesty. The faculty reserves the right to remove from the clinical area any student who, in the faculty member's professional judgment, places the patient in physical or emotional jeopardy. Should this occur, the student will have a conference with the member of the faculty and the Dean. For more information please call (760) 773-2578.

Hospital Requirements:
Affiliation agreements with clinical facilities regulated by the Joint Commission on Accreditation of Hospitals (JCAHO) require that College of the Desert Health Sciences students meet specific requirements prior to being placed at a facility for a clinical rotation. These requirements include a recent physical examination, specific immunizations or titers, negative TB status, and a negative criminal background clearance. Requirements are subject to change as specified by the clinical facility.

All students enrolled in Health Sciences courses requiring patient care contact in a JCAHO accredited facility must provide evidence of meeting these requirements prior to the first clinical experience. Students will be excluded from the clinical site until all required materials have been received in the division.

Policies and procedures for the criminal background check are available on the Health Sciences/ECE web page, www.collegeofthedesert.edu/Students/Academics/Programs/healthsciences/hlth. The student shall be responsible for paying any associated costs of program requirements. Some costs may be assessed and collected by the Office of Admissions and Records.

Core Performance Standards:
In compliance with the Americans with Disabilities Act, students must be, with reasonable accommodation, physically and mentally capable of performing the essential functions of the program. The Core Performance Standards adopted by the Health Sciences/ECE Division include the following.

**Physical Demands** - Must be able to:
- be on your feet 6-12 hours at a time and perform activities that include reaching, balancing, carrying, pushing, pulling, stooping, bending and crouching;
- lift and transfer adults and children from a stooped to an upright position to accomplish bed-to-chair and chair-to-bed transfers;
- lift and adjust positions of bedridden patients, including pulling as much as 12 inches toward the head of the bed;
- physically apply up to ten pounds pressure to bleeding sites or to chest in the performance of CPR using hands, wrists and arms;
- maneuver in small spaces quickly and with ease;
- perform fine motor skills that require hand-eye coordination in the use of small instruments, equipment, and syringes;
- feel and compress tissues to assess for size, shape, texture, and temperature.

**Senses** - Must be able to:
- visually read calibrated scales in increments of one-hundredth of an inch in not more than a three-inch space;
- perform close and distinct visual activities involving persons and paper work;
- visually discriminate depth and possess color perception;
- identify and distinguish odors that are pungent, or the products of infection or metabolic imbalance (e.g., ketones);
- respond and react immediately to auditory instruction, requests, signals, and monitoring equipment;
- perform auditory assessments requiring the distinguishing of variances in sounds (e.g., tones and pitches).

**Attitudes** - Must be able to:
- learn to perform mathematical calculation for medication preparation and administration in a timely manner;
- learn to communicate effectively, both orally and in writing, using appropriate grammar, vocabulary, and word usage as well as medical terminology;
- comprehend verbal and written directions, making correct notations and responding as directed;
- make proper and timely decisions under stressful and emergency situations.
Chapter 9 - Associate Degrees and Certificates

College policy requires each student enrolled in Health Sciences programs with clinical components to purchase insurance coverage against liability for malpractice. Refer to the class schedule for current fee. This fee is paid at the time of registration. All programs offered by the Division demand a grade of "C" or better (2.0) in any course fulfilling program requirements.

EMERGENCY MEDICAL TECHNICIAN
The Emergency Medical Technician Program prepares individuals to recognize illnesses and injury symptoms and to provide legal permissible emergency treatment set forth by the standards of the Riverside County EMS Agency.

The curriculum meets the state coursework minimum requirements for EMT-1 programs. Field and clinical experience is arranged outside of scheduled theory and skills lab time. CPR certification will be required prior to students attending clinical experience. Students are required to purchase malpractice insurance in conjunction with this course. Students must be eighteen (18) years of age to enroll in this course.

On completion of this 6-unit course, the student is eligible to apply to the local EMS Authority for the county-issued certification as an Emergency Medical Technician-I which is valid for 2 years.

A 2-unit EMT refresher course is offered each Fall and Spring semester. The course meets the requirements for EMT-I recertification.

This program meets all criteria of the Riverside County EMS Agency for the Emergency Medical Technician-I training.

This will serve to advise you that, pursuant to California Health and Safety code Section 1799.100, by participating in a course of instruction in emergency medical training you have waived your rights to collect civil damages against the College in the event you sustain an injury.

The code states: "No local agency, entity of state or local government, or other public or private organization which sponsors, authorizes, supports, finances, or supervises the training of people, excluding physicians and surgeons, registered nurses, and licensed vocational nurses, as defined, in emergency medical services in training programs under this part, shall be liable for any civil damages alleged to result from such training program."

HOME HEALTH AIDE
The Home Health Aide program prepares men and women to assist with the routine care and treatments of clients in their homes. These services include personal health care as well as food purchasing, meal planning, laundry, and light housekeeping. Successful completion of the program results in eligibility to take the state approved tests that lead to certification as a Home Health Aide.

The course of study includes 27 hours of classroom instruction and 27 hours of supervised clinical experience. Students wishing to enter the program must be certified as a nursing assistant in California or currently enrolled in HS 64. Specific information regarding the program may be obtained by contacting the Health Sciences/ECE Division.

NURSING ASSISTANT
The Nursing Assistant (NA) program prepares men and women to assist with the routine care and treatment of patients in health care facilities. Working under the direction of the nursing and medical staff, activities of the certified nursing assistant include providing personal care, maintaining safety, and assisting with activities of daily living. Successful completion of the program results in eligibility to take the state approved tests that lead to certification as a nursing assistant.

The course of study includes 72 hours of classroom instruction and at least 100 hours of clinical practice in long-term care facilities. Students wishing to enter the program must complete English 50 or have an assessment score indicating placement into English 51.

Students submitting initial application to the Department of Health Services for this course will need to complete information disclosing any past criminal record. Electronically transmitted fingerprinting (LiveScan) is required for this course. If a history exists that has not been cleared with the Department of Health Services, the student will not be able to continue in the class.

Students must provide a valid social security number as required by the Department of Health Services, Licensing and Certification, Aide and Technician Certification Section (ATCS) under Health and Safety Code, Sections 1337 through 1338.5 and 1736.1-1736.6 in order to process requests for nurse assistant and home health aide certification.

Specific information regarding the program may be obtained by contacting the Health Sciences/ECE Division.
ASSOCIATE DEGREE
NURSING PROGRAM

Acceptance criteria, program eligibility and selection processes are subject to change. Prospective students are encouraged to check the division website periodically to remain updated or call (760) 773-2578.

PROGRAM DESCRIPTION

The Associate Degree Nursing Program prepares graduates to care for individuals in hospitals, long term care facilities, doctors’ offices and clinics in a beginning staff nurse position. The curriculum consists of courses in general education and science in addition to prescribed nursing courses. Once accepted to the nursing program, the student will complete four semesters of nursing courses.

The nursing program is approved by the California Board of Registered Nursing and is accredited by the National League for Nursing Accrediting Commission (NLNAC), 61 Broadway, New York, NY 10006, (212) 363-5555 extension 153.

College of the Desert is designated as a continuing education provider by the Board of Registered Nursing. The provider number is 00284.

LICENSING REQUIREMENTS

Graduates are awarded the Associate in Science Degree in Nursing and are eligible to apply to the state board of nursing to take the National Council Licensing Examination (NCLEX) and become licensed as a registered nurse. The California Board of Registered Nursing role is to protect the public by screening applicants for licensure to identify potentially unsafe practitioners. A state board of nursing may deny applications for permanent licensure, interim permits, and temporary licensures if the applicant has been found guilty of dishonesty, fraud or deceit, acts which deceive the public; felony; child abuse, sex offender crimes; acts involving narcotics, dangerous drugs or devices, assault and/or battery and other crimes.

Fingerprints are required when applying for licensure. Students interested in a career as a nurse who have questions regarding licensure limitations should contact the California Board of Registered Nursing at (916) 322-3350.

Graduation from the Associate Degree Nursing Program does not guarantee licensure. To apply for licensure, disclosure of your social security number is mandatory on the California Application for Licensure by Examination form.

PROGRAM APPLICATION PROCESS

Application to the nursing program is separate from application to the College. A letter of application is available during specific application periods and can be obtained from the division web page, www.collegeofthedesert.edu/Students/Academics/Programs/healthsciences/hlth, or from the Health Sciences/ECE Division at College of the Desert, 43-500 Monterey Avenue, Palm Desert, CA, 92260.

Enrollment into the registered nursing program is limited. Detailed information regarding the nursing program, selection, and other important particulars is available on the Health Sciences/ECE Division web page.

Admission and Selection Process

Program Eligibility:

To be eligible to apply to College of the Desert’s Associate Degree Registered Nursing Program, the applicant must:

1. Have a minimum GPA of 2.5 in all college level work taken within the past seven (7) years.

2. Have a minimum GPA of 2.5 in the following prerequisite science courses with no grade less than a "C":
   - Human Anatomy with a lab component
   - Human Physiology with a lab component
   - Microbiology with a lab component

3. Have no more than one repeat of any one of the three science courses. A "W", "I", "D", and "F" mark is considered a repeat. Repetitions within the past ten (10) years will be used in determining eligibility.

4. Have a "C" or better in any 3 unit college level transferable English course. (English 1A, Freshman Composition, is the highly recommended course).

Selection Process:

1. Applications are accepted twice a year:
   - August 1 - 31 for spring semester admission
   - March 1 - 31 for fall semester admission
   (If the 31st falls on a weekend or holiday the closing date for applications will be the next working day.
   Applications postmarked after the closing date will not be accepted.)

2. Selection preference is given to students who have completed 12 units or more at COD or Palo Verde College within the past three (3) years. Remaining acceptance slots are offered to qualified students who have not completed 12 units at COD or Palo Verde College.
3. A random selection process of qualified applications will be used to determine entrants once all applications are evaluated.

4. A diagnostic readiness test (TEAS) will be required of all accepted students. The standardized cut score is 67%. Accepted students not meeting this cut score will need to meet a remediation plan PRIOR to entering the nursing program. Details are on the division web page, www.collegeofthedesert.edu/Students/Academics/Programs/healthsciences/hlth.

5. Applicants will be notified of acceptance status within 6-8 weeks after the application deadline.

NURSING PROGRAM OPTIONS

**Associate Degree in Nursing for the Diploma Graduate**

California licensed registered nurses who have graduated from a hospital-based program may earn an associate in science degree upon completing 30 units of general education requirements. 30 units of nursing credit will be given for the diploma certificate. 12 units of general education courses must be completed at College of the Desert.

**Advanced Placement Options**

Prospective students who have had prior education in nursing or other health related areas may request consideration for entry into the nursing program with advanced placement. Applicants would include licensed Vocational/Practical Nurses, Licensed Psychiatric Technicians, and transfer students from accredited nursing programs. Specific information regarding the advanced placement procedure is available through the Health Sciences/ECE Division. All advanced standing applicants are accepted to the program on a space available basis.

**LVN-RN (Transition Option)**

Licensed Vocational Nurses may enter the associate degree program at an advanced level. For the transition option, enrollment is limited and the following is applicable to the LVN-RN option:

**Program Eligibility:**

To be eligible to apply to College of the Desert's Transition Option, the applicant must:

1. Have current licensure in California as a vocational nurse.
2. Have a minimum GPA of 2.5 in all college level work taken within the past seven (7) years.
3. Have a minimum GPA of 2.5 in the following prerequisite science courses with no grade less than a "C":
   - Human Anatomy with a lab component
   - Human Physiology with a lab component
   - Microbiology with a lab component
4. Have no more than one repeat of any one of the three science courses. A "W", "I", "D", and "F" mark is considered a repeat. Repetitions within the past ten (10) years will be used in determining eligibility.
5. Have a "C" or better in any 3 unit college level transferable English course. *(English 1A, Freshman Composition, is the highly recommended course).*

**Selection Process:**

1. Submit application at the designated application period:
   - October 1 - 31 for spring and fall semester acceptance *(if the 31st falls on a weekend or holiday the closing date for applications will be the next working day. Applications postmarked after the closing date will not be accepted.)*
   - Selection preference is given to students who have completed 12 units or more at COD or Palo Verde College within the past three (3) years. Remaining acceptance slots are offered to qualified students who have not completed 12 units at COD or Palo Verde College.

2. A random selection process of qualified applications will be used to determine entrants once all applications are evaluated.

3. A diagnostic readiness test (TEAS) will be required of all accepted students. The standardized cut score is 67%. Accepted students not meeting this cut score will need to meet a remediation plan PRIOR to entering the nursing program. Details are on the division web page, www.collegeofthedesert.edu/Students/Academics/Programs/healthsciences/hlth.

4. Applicants will be notified of acceptance status within 6-8 weeks after the application deadline.

**LVN-RN (Non-Degree Option)**

The non-degree option requires that interested students fulfill the following requirements:

1. current licensure as a California LVN,
2. proof of high school diploma/GED,
3. completion, with a “C” or better, of courses in Human Physiology and Microbiology.

30-unit option students are accepted to the third semester of the nursing program on a space available basis. Students will complete the final two semesters of the nursing program totaling no more than 20 units. No degree is awarded to 30-unit option completers. Lack of a degree may create limitations for licensure in...
other states. Students who do not receive an A.S. degree in Nursing may not be eligible for licensure by endorsement in other states. Interested students must make an appointment with the Director of Nursing and Allied Health or designee to obtain further information and make application.

All advanced placement students will be accepted on space available basis. Detailed information is available on the Health Sciences/ECE Division website.

Transfer

Students with previous nursing education from a Board of Registered Nursing approved registered nurse program may request transfer into the program. All transfer requests will be evaluated on an individual basis. Students should make an appointment with the Director of Nursing and Allied Health to discuss transfer possibilities and materials needed to make the assessment. Transfer students must meet the same enrollment requirements as all students entering the nursing program. General education courses must be completed to correspond with the nursing program's requirements respective to the semester for which the student is seeking transfer. Transfer students must submit a letter from their previous Director/Dean of Nursing stating eligibility for re-entry into the nursing program from which they are transferring. A minimum of twelve units must be completed at COD to earn a degree from COD. All transfer students are accepted on a space available basis.

REGISTERED NURSING COURSE SEQUENCE

Students can complete the nursing program in two years once accepted to the nursing program.

It is recommended that students interested in a Nursing degree to see a counselor in the counseling department and read the information on the division web page: www.collegeofthedesert.edu/Students/Academics/Programs/healthsciences/hlth.

Please note: Students are strongly encouraged to complete all general education courses while waiting for program entry. Licensure can be achieved when all courses required for the degree are completed. Recommended courses prior to program entrance include: HS 67; HS 70; and a keyboarding course.

### REGISTERED NURSING A. S. DEGREE and employment preparation

(Graduates eligible for Registered Nurse Licensing Examination in California)

Program Entrance Requirements: Acceptance to the program under the existing eligibility and selection criteria.

Courses Required:

<table>
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<tr>
<th>Dept. No.</th>
<th>Title ..............................................</th>
<th>Units</th>
</tr>
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<td>BI 13</td>
<td>Human Anatomy &amp; Physiology I</td>
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</tr>
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<td>BI 14</td>
<td>Human Anatomy &amp; Physiology II</td>
<td>5</td>
</tr>
<tr>
<td>BI 15</td>
<td>General Microbiology</td>
<td>5</td>
</tr>
<tr>
<td>PSY 1</td>
<td>General Psychology</td>
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<td>SOC 1, 14, 15, or ANT H 2</td>
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<td>3</td>
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<tr>
<td>ENG 1A</td>
<td>Composition</td>
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<tr>
<td>SP 1, 4, 5 or 15</td>
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<td>Humanities</td>
<td>Area C3 requirements for Associate Degree Occupational/Vocational</td>
<td>3</td>
</tr>
<tr>
<td>MATH 40</td>
<td>Intermediate Algebra</td>
<td>4</td>
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<tr>
<td>PE</td>
<td>Physical Education</td>
<td>2</td>
</tr>
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<td></td>
<td>(or 1 unit of PE + HS 70; or HE 1)</td>
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<tr>
<td>N 1</td>
<td>Basic Concepts of Nursing Practice</td>
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<td>Concepts of Nursing Practice/</td>
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<td>Commonly Occurring</td>
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<td>N 4A</td>
<td>Concepts of NP for Acute</td>
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<td></td>
<td>Complex Alterations in Health</td>
<td>9</td>
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<tr>
<td>N 4B</td>
<td>Management Concepts in Nursing</td>
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</table>

**DEGREE TOTAL ................................................................. 72**


### VOCATIONAL NURSING PROGRAM

Acceptance criteria, program eligibility and selection processes are subject to change. Prospective students are encouraged to check the division website periodically to remain updated.

The Vocational Nursing (VN) Program prepares graduates to qualify to take the national licensing examination (NCLEX-PN) to become a Licensed Vocational Nurse. Licensed vocational nurses assist in data collection, plan and implement nursing care, administer medications and treatments, and maintain a safe environment for patients and families.
Accredited by the California Board of Vocational Nursing and Psychiatric Technicians (BVNPT), the 12-month, full-time VN program provides student-centered instruction and meets all state regulations. Classroom instruction is offered concurrent with clinical practice, assisting the student in the application of nursing theory to actual nursing situations. Students are in class and clinical instruction approximately 34 hours each week. A minimum grade of "C" must be earned in all courses taken for the Vocational Nursing certificate.

Upon program completion, students are awarded a vocational certificate and become eligible to apply to the California Board of Vocational Nurses and Psychiatric Technicians (BVNPT) to take the licensure examination. Students may also earn a non-transfer Associate of Science degree in Vocational Nursing, if desired. For more information please call (760) 773-2578.

Completion of the VN program does not guarantee licensure.

The program is three semesters long, commencing each summer. It is a limited enrollment program with enrolled students required to meet the following:

1. A minimum age of 17 years. (Section 2866a, VN Practice Act)
2. High school graduation or GED equivalency. Foreign high school transcripts must be evaluated by an international transcript evaluation agency.
3. Minimum 2.0 GPA in all college course work completed.
4. Completion of English 51 (or an assessment score greater than 99).
5. Completion of Math 57 (or an assessment score greater than 65).
6. Completion of HS 62 OR an equivalent course/s in anatomy and physiology. (5-year recency requirement)
7. Completion of HEC 13 OR an equivalent course in general nutrition. (5-year recency requirement)

Additional program requirements:

1. Completion of HS 67, Introduction to Med/Dosage Calculations, prior to the start of the second semester of the VN program. It is strongly recommended that the course be completed prior to program acceptance.
2. Completion of PSY 1 prior to beginning the third semester of the program. Students desiring to decrease their study load are advised to take HS 67 and PSY 1 prior to entering the program. (5-year recency requirement)
3. Once accepted, maintenance of CPR certification throughout program.
4. Once accepted, evidence of good health documented by physical examination, with required immunizations.
5. Transfer credit shall be given for related previous education completed within the last five years. (Section 2535 VN Practice Act).

Students interested in the Vocational Nursing Program should:

1. Visit the division web page, www.collegeofthedesert.edu/Students/Academics/Programs/healthsciences/hlth, for detailed information.
2. Attend one of the monthly informational sessions during fall semester. Call (760) 773-2578 or visit the division website for dates and times of sessions.

VOCATIONAL NURSING CERTIFICATE for employment preparation

(Graduates eligible for Vocational Nurse Licensing Examination in California)

Program Acceptance Requirements: See division website.

<table>
<thead>
<tr>
<th>Dept. No.</th>
<th>Title ............................................... Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HS 62</td>
<td>Your Living Body .................................... 3</td>
</tr>
<tr>
<td>HS 67</td>
<td>Intro Med/Dosage Calculations .................... 1</td>
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<tr>
<td>HEC 13</td>
<td>General Nutrition ................................... 3</td>
</tr>
<tr>
<td>PSY 1</td>
<td>General Psychology ................................... 3</td>
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<tr>
<td>VN 1</td>
<td>Vocational Nursing I ............................... 5</td>
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<tr>
<td>VN 1L</td>
<td>Vocational Nursing I Lab .......................... 4</td>
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<tr>
<td>VN 2</td>
<td>Vocational Nursing II ................................ 9</td>
</tr>
<tr>
<td>VN 2L</td>
<td>Vocational Nursing II Lab ........................ 7</td>
</tr>
<tr>
<td>VN 3</td>
<td>Vocational Nursing III ................................ 9</td>
</tr>
<tr>
<td>VN 3L</td>
<td>Vocational Nursing III Lab ........................ 7</td>
</tr>
</tbody>
</table>

CERTIFICATE TOTAL .................................................... 51

VOCATIONAL NURSING A. S. DEGREE for employment preparation

Program Acceptance Requirements: See division website.

<table>
<thead>
<tr>
<th>Dept. No.</th>
<th>Title ............................................... Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HS 62</td>
<td>Your Living Body .................................... 3</td>
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<tr>
<td>HS 67</td>
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Required Subtotal .................................................... 51
General Education Requirements .................................. 18
Physical Education Requirement ................................... 2
DEGREE TOTAL ......................................................... 71

Advisors: P. Keller, M. Langella
HUMAN SERVICES/Alcohol & Drug Studies

The Alcohol and drug studies program is the study of chemical addiction and treatment. Career paths chosen by students pursuing undergraduate studies in alcohol and drug studies commonly include supervised alcohol and drug counseling. Even students who choose not to major in alcohol and drug studies find that coursework in the field can improve their ability to understand the issues surrounding chemical dependency and treatment.

The College offers a Certificate of Achievement in Alcohol and Drug Studies and a non-transferable Associate of Arts degree in Alcohol and Drug Studies. The Certificate of Achievement is designed to provide students with skills necessary for employment as supervised chemical dependency counselors, as well as advancement toward the California Association of Alcoholism and Drug Abuse Counselors (CAADAC) certification. Students earning the certificate may also choose to continue their study toward a non-transferable Associate of Arts degree in the field. Past recipients of the COD Certificate of Achievement in Alcohol and Drug Studies have obtained positions as supervised chemical dependency counselors, locally and throughout California. Students earning an associate’s degree in Alcohol and Drug Studies may pursue entry-level positions as supervised chemical dependency counselors or may choose to continue their study in the discipline toward a bachelor’s or graduate degree in counseling psychology. Transfer requirements at four-year colleges and universities vary from institution to institution; students should consult with an academic advisor for specific information regarding the transfer requirements of their preferred college or university. For more information please call (760) 773-2574.

Advisors: L. Emerson, C. Jones

ALCOHOL AND DRUG STUDIES CERTIFICATE for employment preparation

<table>
<thead>
<tr>
<th>Dept. No.</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>Required Courses:</td>
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<td></td>
</tr>
<tr>
<td>HSAD 1</td>
<td>Intro to Alcohol/Drug Studies</td>
<td>3</td>
</tr>
<tr>
<td>HSAD 2</td>
<td>Intro/Human Svcs Counseling</td>
<td>3</td>
</tr>
<tr>
<td>HSAD 4</td>
<td>Personal/Professional Growth</td>
<td>2</td>
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<tr>
<td>HSAD 20</td>
<td>Biomedical Pharmacology</td>
<td>3</td>
</tr>
<tr>
<td>HSAD 22</td>
<td>Case Management</td>
<td>3</td>
</tr>
<tr>
<td>HSAD 24</td>
<td>Law &amp; Ethics</td>
<td>3</td>
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<tr>
<td>HSAD 30</td>
<td>Indiv/Group Family Counseling</td>
<td>3</td>
</tr>
<tr>
<td>HSAD 32A</td>
<td>Supervised Practicum I</td>
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<tr>
<td>HSAD 33A</td>
<td>Supervised Internship I</td>
<td>3</td>
</tr>
<tr>
<td>HSAD 34</td>
<td>Dual Diagnosis</td>
<td>3</td>
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<tr>
<td>HSAD 32B</td>
<td>Supervised Practicum II</td>
<td>2</td>
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<td>HSAD 33B</td>
<td>Supervised Internship II</td>
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<tr>
<td>HSAD 36</td>
<td>Counseling Diverse Populations</td>
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CERTIFICATE TOTAL .................................................... 36

ALCOHOL AND DRUG STUDIES A. A. DEGREE for employment preparation

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<th>Title</th>
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<td>HSAD 1</td>
<td>Intro to Alcohol/Drug Studies</td>
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<td>HSAD 2</td>
<td>Intro/Human Svcs Counseling</td>
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<td>HSAD 4</td>
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<td>HSAD 20</td>
<td>Biomedical Pharmacology</td>
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<td>HSAD 22</td>
<td>Case Management</td>
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<td>HSAD 24</td>
<td>Law &amp; Ethics</td>
<td>3</td>
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<td>HSAD 30</td>
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<td>HSAD 32A</td>
<td>Supervised Practicum I</td>
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<tr>
<td>HSAD 33A</td>
<td>Supervised Internship I</td>
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<tr>
<td>HSAD 34</td>
<td>Dual Diagnosis</td>
<td>3</td>
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<td>HSAD 32B</td>
<td>Supervised Practicum II</td>
<td>2</td>
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<td>HSAD 33B</td>
<td>Supervised Internship II</td>
<td>3</td>
</tr>
<tr>
<td>HSAD 36</td>
<td>Counseling Diverse Populations</td>
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Electives:

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<tr>
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<th>Units</th>
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<tbody>
<tr>
<td>PHIL 13</td>
<td>Perspectives on Death &amp; Dying</td>
<td>3</td>
</tr>
<tr>
<td>SOC 4</td>
<td>Sociological Analysis/Crit Thinking</td>
<td>3</td>
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</table>

Required Subtotal .................................................... 36

Electives ........................................................................ 6

General Education Subtotal ........................................ 19-20

DEGREE TOTAL ..................................................................
108 Liberal Arts

LIBERAL ARTS

The Associate of Arts degree in Liberal Arts is designed for students who wish a broad knowledge of liberal arts and sciences plus additional coursework in an "Area of Emphasis". This area of emphasis would be an ideal choice for students planning on transferring to the California State University or University of California as the student can satisfy their general education requirements, plus focus on transferable course work that relates to majors at CSU or UC. Please consult with a counselor for specific information regarding your intended major or the specific colleges/university of your choice. For more information please contact the COD Counseling Center at (760) 773-2520.

• Choose either the California State University General Education Certification (Option 1) or the Intersegmental General Education Transfer Curriculum (Option 2) for the General Education pattern related to your educational goal;

• Complete 18 units in one "Area of Emphasis" from those outlined below. (Note: Where appropriate, courses in the "area of emphasis may also be counted for a GE area).

• For ALL OPTIONS: complete necessary College of the Desert Graduation and Proficiency requirements.

• All courses listed below transfer to CSU. Courses in BOLD are also transferable to UC. Refer to www.ASSIST.org for transfer details or see a counselor or faculty advisor for additional details.


LIBERAL ARTS A. A. DEGREE
with emphasis in Arts, Humanities & Communications

These courses emphasize the study of cultural, literary, humanistic activities and artistic expression of human beings. Students will evaluate and interpret the ways in which people through the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation. Students will also learn to value aesthetic understanding and incorporate these concepts when constructing value judgments.

Required Courses .......................................................... Units
General Education (Option 1 or 2) ...................... 34-43
Area of Emphasis .......................................................... 18
(18 units required from courses listed below with at least 2 or more courses from 1 discipline)

Architecture 14
Art 2A, 2B, 2C, 2D, 3A, 10, 18, 33
American Sign Language 1, 1A, 1B, 2, 2A, 2B, 3, 4
Dance 10, 15
English 1A, 1B, 10A, 10B, 11A, 11B, 12A, 12B, 14,
15, 16, 17, 18, 21, 22, 23, 24, 25, 26, 31, 32, 35, 36
French 1, 1A, 1B, 2, 2A, 2B, 3, 4
German 1, 1A, 1B, 2, 2A, 2B
History 3, 4, 17, 18
Humanities 18
Italian 1, 1A, 1B, 2, 2A, 2B, 3, 4
Japanese 1A, 1B, 2A, 2B
Mass Communication 1
Music 3A, 3B, 5, 6, 10, 12, 18
Philosophy 6, 7, 1A, 11, 12, 13, 14, 16, 17
Sociology 4
Spanish 1, 1A, 1B, 2, 2A, 2B, 3, 4
Speech 1, 4, 5, 7, 15
Theatre Arts 1, 2, 11, 15, 69A, 69B

Courses selected can be used to also fulfill GE area; all courses transfer to CSU; courses in BOLD also transfer to UC (*indicates that transfer credit is limited to UC)

Transferable Electives (as needed) ....................... 0 - 6
Physical Education Activities ............................... 2

DEGREE TOTAL .......................................................... 60
LIBERAL ARTS A. A. DEGREE  
with emphasis in Business and Technology

These courses emphasize the integration of theory and practice within the fields of business and technology. Students will develop the ability to effectively manage and lead organizations. Students will demonstrate an understanding of the place of business and technology within the global economy. Students will critically apply ethical standards to business practices and decisions.

Required Courses ................................................... Units
General Education (Option 1 or 2) ................................. 34-43
Area of Emphasis ........................................................ 18  
(18 units required from courses listed below with at least 2 or more courses from 1 discipline)
Business Accounting 1A, 1B, 1C, 4, 8, 9, 10
Business Finance 12, 13
Business Hotel & Restaurant Management 50, 63, 64
Business Management 1, 10, 20A*, 20B*, 27, 28
Business Supervision & Management 93
Computer Information Systems 70A, 82C, 82D, 83C, 83D, 84C
Computer Science 73, 86, 87, 89*, 89A
Economics 1, 2, 11
Math 10*, 14*
Philosophy 14
Political Science 4
Sociology 3*

Courses selected can be used to also fulfill GE area; all courses transfer to CSU; courses in **BOLD** also transfer to UC (**indicates that transfer credit is limited to UC)

Transferable Electives (as needed) ......................... 0 - 6
Physical Education Activities .......................... 2
DEGREE TOTAL ........................................................ 60

LIBERAL ARTS A. A. DEGREE  
with emphasis in Social & Behavioral Sciences

These courses emphasize the perspective, concepts, theories and methodologies typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and others as members of a larger society. Topics of discussion will stimulate critical thinking about ways people have acted in response to their societies and will allow students to evaluate how societies and social subgroups operate.

Required Courses ................................................... Units
General Education (Option 1 or 2) ................................. 34-43
Area of Emphasis ........................................................ 18  
(18 units required from courses listed below with at least 2 or more courses from 1 discipline)
Administration of Justice 1
Anthropology 2, 3
Economics 1, 2, 11, 12
Geography 2, 7, 10
History 3, 4, 17, 18
Mass Communication 1
Mathematics 14*
Philosophy 12, 13
Political Science 1, 2, 4
Psychology 1, 3, 10, 12, 20, 23, 33
Sociology 1, 2, 3*, 14, 15
Speech 15

Courses selected can be used to also fulfill GE area; all courses transfer to CSU; courses in **BOLD** also transfer to UC (**indicates that transfer credit is limited to UC)

Transferable Electives (as needed) ......................... 0 - 6
Physical Education Activities .......................... 2
DEGREE TOTAL ........................................................ 60
Mass Communication - Mathematics

MASS COMMUNICATION

College of the Desert’s Mass Communication program offers an Associate of Arts degree in Communication, Journalism, and Mass Communication. Students earning an associate’s degree in one of these disciplines are well prepared for career fields in radio broadcasting, journalism, and motion picture, television, and video production. Students may also choose to continue their study in the discipline toward a bachelor’s or graduate degree. Transfer requirements at four-year colleges and universities tend to vary from institution to institution; students should consult with a counselor for specific information regarding the transfer requirements of their preferred college or university. For more information please call (760) 773-2572.

Advisors: A. Jazan, E. Reed

COMMUNICATION A. A. DEGREE
and transfer preparation

<table>
<thead>
<tr>
<th>Dept.</th>
<th>No.</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>ENG</td>
<td>1A</td>
<td>Composition</td>
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<tr>
<td>ENG</td>
<td>1B</td>
<td>Literature &amp; Composition</td>
<td>3</td>
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<tr>
<td>SP</td>
<td>1</td>
<td>Intro. to Interpersonal Comm.</td>
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<tr>
<td>SP</td>
<td>7</td>
<td>Decision Making/Advocacy</td>
<td>3</td>
</tr>
<tr>
<td>MC</td>
<td>1</td>
<td>Mass Media in Amer. Culture</td>
<td>3</td>
</tr>
<tr>
<td>SP</td>
<td>4</td>
<td>Public Speaking</td>
<td>3</td>
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<td>OR</td>
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<tr>
<td>SP</td>
<td>5</td>
<td>Group Discussion/Leadership (3)</td>
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<tr>
<td>SP</td>
<td>5</td>
<td></td>
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</table>

Five courses from the following:  
MC 5 Intro to Public Relations .... 3  
J 4A Basic Newspaper Prod .... 3  
J 4B Intermediate Newspaper Prod .... 3  
J 4C Advanced Newspaper Prod .... 3  
RTV 2 Radio & TV Announcing .... 2  
RTV 4A Motion Picture/TV Production .... 3  
RTV 4B Adv. Motion Picture/TV Production .... 3  
RTV 5 Radio TV Writing .... 3

J 10 Magazine Writing & Production .... 3  
RTV 5 Radio & Television Writing .... 3

Required Subtotal ........................................... 21  
General Education (Option 1* or 2) ..................... 34-43  
*Transferable Electives (as needed) ..................... 3  
Physical Education Activities .................... 2  
DEGREE TOTAL ........................................... 60-66

MASS COMMUNICATION A.A. DEGREE
and transfer preparation

<table>
<thead>
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<th>No.</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MC</td>
<td>1</td>
<td>Mass Media in Amer. Culture</td>
<td>3</td>
</tr>
<tr>
<td>J</td>
<td>3A</td>
<td>News Reporting and Writing</td>
<td>3</td>
</tr>
<tr>
<td>J</td>
<td>4A</td>
<td>Basic Newspaper Prod</td>
<td>3</td>
</tr>
<tr>
<td>J</td>
<td>4B</td>
<td>Intermediate Newspaper Prod</td>
<td>3</td>
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<tr>
<td>J</td>
<td>4C</td>
<td>Advanced Newspaper Prod</td>
<td>3</td>
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</table>

Five courses from the following:  
MC 5 Intro to Public Relations .... 3  
J 4A Basic Newspaper Prod .... 3  
J 4B Intermediate Newspaper Prod .... 3  
J 4C Advanced Newspaper Prod .... 3  
RTV 2 Radio & TV Announcing .... 2  
RTV 4A Motion Picture/TV Production .... 3  
RTV 4B Adv. Motion Picture/TV Production .... 3  
RTV 5 Radio TV Writing .... 3

J 10 Magazine Writing & Production .... 3  
RTV 5 Radio & Television Writing .... 3

Required Subtotal ........................................... 20-21  
General Education (Option 1* or 2) ..................... 34-43  
*Transferable Electives (as needed) ..................... 4  
Physical Education Activities .................... 2  
DEGREE TOTAL ........................................... 60-66

MATHEMATICS

Mathematics is the study of quantity, structure, space and change. It is developed through the use of abstraction and logical reasoning, from counting, calculation, measurement, and the study of the shapes and motions of physical objects. Mathematics is also used to refer to the insight gained by mathematicians by doing mathematics, also known as the body of mathematical knowledge. This latter meaning of mathematics includes the mathematics used to do calculations and is an indispensable tool in the natural sciences and engineering.

Career paths chosen by students pursuing undergraduate studies in mathematics commonly include teaching, actuary, computer science, statistics, physics and engineering. Careers in the discipline that generally require graduate-level degrees include mathematics, engineering and the natural sciences. Even students who choose not to major in mathematics find that coursework in the field can improve their ability to think critically, solve
complex problems, research and analysis and improve their writing skills.

College of the Desert’s mathematics curriculum includes course offerings that provide a general overview of the discipline, as well as specific mathematical topics that can be applied to other areas like physics, chemistry, biology, computer science and engineering. The College offers an Associate of Science degree, as well as courses leading to transfer. Students earning an associate’s degree in mathematics may pursue (entry-level) positions as teacher’s aid or may choose to continue their study in the discipline toward a bachelor’s or graduate degree. COD has transfer agreements with California State Universities and University of California systems in this discipline/program. However, transfer requirements at four-year colleges and universities vary from institution to institution; students should consult with a counselor for specific information regarding the transfer requirements of their preferred college or university.

In addition, the Mathematics Department offers an extensive remedial Mathematics curriculum to assist the large portion of students that enter the College and are not prepared for college level mathematics. For more information please call (760) 773-2573.

**Advisors:** D. Culhan, S. Dostal, M. Flora, L. Graff, G. Hagopian, L. Jordan, D. Kleinfelter, T. Le, J. Learned, F. Marhuenda-Donate, J. Matthews, M. McJilton, B. Podlesny, K. Tabor

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**MATHEMATICS A.S. DEGREE and transfer preparation**

**Dept. No.**  **Title..........................................................**  **Units**

**Required Courses:**

- MATH 1A  Calculus..................................................................  5
- MATH 1B  Calculus..................................................................  5
- MATH 2A  Multivariate Calculus............................................  5
- MATH 2B  Linear Algebra.......................... ..........................  4

**AND/OR**

- MATH 2C  Ordinary Differential Equations (4)
- PH 4A  Engineering Physics ....................................................  5
- PH 4B  Engineering Physics ....................................................  5
- PH 5  Computer Programming I: C++
  for Sciences & Engineering..................................................  3
- CS 89  C++ Programming I (3)

**Required Subtotal..........................................................**  32

**General Education Requirements (confer with advisor)...**  18
**Transferable Electives (confer with advisor).................**  8
**Physical Education Activities...........................................**  2

**DEGREE TOTAL ..........................................................**  60

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**MUSIC**

The music program offers a full range of courses in music fundamentals, musicianship, harmony, appreciation and history, as well as classes in piano, voice, percussion and guitar. Private lessons are available on most instruments, including voice, through the applied music program. Instrumental and vocal ensembles provide public performance opportunities to majors and non-majors alike. It is the goal of the music program to:

- help students develop their musical and intellectual potential to the highest possible level.
- provide a broad foundation of knowledge in the theory, history, literature and practice of performing arts for students wishing to pursue degree, certificate, transfer and vocational agendas.
- promote community awareness of the relationship between music and the history of human values, cultural diversity and the liberal arts tradition.
- promote the development of discipline-specific skills appropriate to the training of those who wish to teach, those who will pursue advanced studies or professional employment, and those who will use their artistic training in community settings and other cultural service areas.
- enable all students to benefit from the cultural richness of our heritage through both traditional and experimental performance practices.

Careers in music include performer, Educator, conductor, composer, arranger, accompanist, recording engineer, radio/television audio engineer, music minister, music therapist, private instructor.

Degrees and Certificates offered:

- Music Associate of Arts Degree
- Music Theory Certificate
- Music History Certificate
- Music Technology Certificate

Music certificates are locally approved and are NOT notated on the student’s academic transcript in accordance with State regulations.

Students planning to transfer to a four-year institution and major in music should consult with an advisor regarding the transfer process and lower division requirements. For more information please call (760) 773-2574.

**Advisors:** A. Fesmire, D. Romano

(See Course Sequence on the following page.)
### MUSIC A. A. DEGREE and transfer preparation

<table>
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<tr>
<td>MUS 1</td>
<td>Music Theory I</td>
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<td>MUS 2</td>
<td>Music Theory II</td>
<td>4</td>
</tr>
<tr>
<td>MUS 3A</td>
<td>Music History &amp; Literature I</td>
<td>3</td>
</tr>
<tr>
<td>MUS 3B</td>
<td>Music History &amp; Literature II</td>
<td>3</td>
</tr>
<tr>
<td>MUS 21A</td>
<td>Beginning Class Piano</td>
<td>2</td>
</tr>
<tr>
<td>MUS 21B</td>
<td>Int/Adv Class Piano</td>
<td>2</td>
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<tr>
<td>MUS 26</td>
<td>Chamber Ensemble</td>
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<td>OR MUS 34</td>
<td>Vocal Ensemble (2,2,2,2)</td>
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<td>MUS 99</td>
<td>Applied Music</td>
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Music Subtotal .................................................... 30

#### General Education Requirements (Option 1) 34

#### Physical Education Activities ........................................ 2

#### DEGREE TOTAL ........................................................ 66

### MUSIC HISTORY CERTIFICATE for employment preparation

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<th>Dept. No.</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 3A</td>
<td>Music History &amp; Literature I</td>
<td>3</td>
</tr>
<tr>
<td>MUS 3B</td>
<td>Music History &amp; Literature II</td>
<td>3</td>
</tr>
<tr>
<td>MUS 5</td>
<td>History of Rock 'n' Roll</td>
<td>3</td>
</tr>
<tr>
<td>MUS 8</td>
<td>American Music</td>
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<tr>
<td>MUS 12</td>
<td>Fundamentals of Music</td>
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CERTIFICATE TOTAL .................................................... 15

### MUSIC TECHNOLOGY CERTIFICATE for employment preparation

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<tr>
<td>MUS 12</td>
<td>Fundamentals of Music</td>
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</tr>
<tr>
<td>MUS 21A</td>
<td>Beginning Class Piano</td>
<td>2</td>
</tr>
<tr>
<td>MUS 21B</td>
<td>Int/Adv Class Piano</td>
<td>2</td>
</tr>
<tr>
<td>MUS 78A</td>
<td>Intro to Digital Audio</td>
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<tr>
<td>MUS 78B</td>
<td>Int/Adv Digital Audio</td>
<td>3,3</td>
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CERTIFICATE TOTAL .................................................... 16

### MUSIC THEORY CERTIFICATE for employment preparation

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<tr>
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<td>Music Theory I</td>
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<td>MUS 2</td>
<td>Music Theory II</td>
<td>4</td>
</tr>
<tr>
<td>MUS 12</td>
<td>Fundamentals of Music</td>
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</tr>
<tr>
<td>MUS 21B</td>
<td>Int/Adv Class Piano</td>
<td>2</td>
</tr>
</tbody>
</table>

CERTIFICATE TOTAL .................................................... 15

### NUTRITION

The dietetic technician program prepares students to take the ADA Registration Examination for Dietetic Technicians administered by that agency. Students complete articulated classes at COD and complete the degree at Chaffey College, whose program is approved by the Commission on Accreditation for Dietetics Education of the American Dietetic Association (ADA, 120 S. Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, 800/877-1600).

Dietetic technicians are employed as managers in a designated unit or department in health care, community care, school food service, county health, and community directed programs of nutrition services for elderly, infants, or children.

**Advisor: S. Beno**

### NUTRITION CARE: DIETETIC TECHNICIAN A. A. DEGREE

**Chaffey College & College of the Desert**

#### Articulated for employment preparation

<table>
<thead>
<tr>
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<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI 21</td>
<td>Anatomy &amp; Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BUAC 1A</td>
<td>Financial Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>BUHM 63</td>
<td>Hotel &amp; Restaurant Operations</td>
<td>3</td>
</tr>
<tr>
<td>OR BUHM 64</td>
<td>Hotel/Motel Personnel Mgmt. (3)</td>
<td></td>
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<tr>
<td>CART 1</td>
<td>Sanitation &amp; Safety</td>
<td>3</td>
</tr>
<tr>
<td>CART 3</td>
<td>Principles of Cooking</td>
<td>5</td>
</tr>
<tr>
<td>CART 10</td>
<td>Food Procurement &amp; Cost Control</td>
<td>3</td>
</tr>
<tr>
<td>CART 11</td>
<td>Menu Planning</td>
<td>3</td>
</tr>
<tr>
<td>CART 35</td>
<td>Operations Management</td>
<td>4</td>
</tr>
<tr>
<td>HEC 13</td>
<td>General Nutrition</td>
<td>3</td>
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</tbody>
</table>

COD Required Courses .................................................... 31

#### General Education Requirements .................................. 18

#### PE Requirement .................................................. 2

#### COD Subtotal ..................................................... 51

* NF 19 Nutrition II: Modified Diets .......... 3
* NF 421 Nutrition III: Nutrition Care ...... 2
* NF 423 Nutrition IV: Adv. Nutrition Care .. 2
* NF 470 Dietetic Service Supervisor ....... 1,1
* NF 470L Supervised Clinical Lab .......... 2,2
* NF 480 Dietetic Technician ................. 2,2
* NF 480L Supervised Lab ...................... 2,2

*Additional Chaffey Requirements .............. 21

#### DEGREE TOTAL ...................................................... 72

*Taken at Chaffey College
The College offers an Associate of Science degree, as well as coursework in mathematics, physics and offerings that provide a general overview of the discipline. College of the Desert's biology curriculum includes course modern scientific, medical and environmental issues as their skills at writing, research and analysis, understand ability to think critically, solve complex problems, improve

Biology is the study of living organisms, and includes plants, animals, bacteria and fungi. Biology studies their molecular and cellular structures as well as the whole organism and also includes structure - function relationships and organismal behavior. Career paths chosen by students pursuing undergraduate studies in biology commonly include pharmaceutical sales, biomedical research, biomedical engineering, fish and wildlife biology, animal handler/trainer, zoo/aquarium biologist, forestry service, national parks service, environmentalist, biology teacher. Careers in the discipline that generally require graduate-level degrees include medicine, pharmacy, veterinary, optometry and dentistry, bioinformatics (biology & computer science), medical research, and scientific research. Even students who choose not to major in biology find that coursework in the field can improve their ability to think critically, solve complex problems, improve their skills at writing, research and analysis, understand modern scientific, medical and environmental issues as well as their own health issues.

College of the Desert’s biology curriculum includes course offerings that provide a general overview of the discipline, as well as coursework in mathematics, physics and chemistry. The College offers an Associate of Science degree, as well as courses leading to transfer to a university. Students earning an associate’s degree in biology may pursue entry-level positions as laboratory assistants or may choose to continue their study in the discipline toward a bachelor’s or graduate degree. COD has transfer agreements with the California State Universities and University of California systems in this discipline/program. However, transfer requirements at four-year colleges and universities vary from institution to institution; students should consult with a counselor for specific information regarding the transfer requirements of their preferred college or university.

Advisors: R. Rosteck. Biology
A. Tesch .... Biology, Nursing, Pre-medicine
C. Totten .... Microbiology, Pre-medicine, Pre-dentistry, Pre-optometry, Pre-veterinary Medicine
R. Tracey .... Bacteriology, Microbiology, Nursing, Pre-medicine, Pre-dentistry

BIOLOGY, PRE-PROFESSIONAL A. S. DEGREE
and transfer preparation
(Includes Biology, Zoology, Botany, Pre-medicine, Pre-dentistry, Pre-pharmacy, Pre-veterinary Medicine, Microbiology, Entomology, Parasitology, Biological Oceanography)

<table>
<thead>
<tr>
<th>Dept. No.</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI 5</td>
<td>Molecular &amp; Cell Biology</td>
<td>5</td>
</tr>
<tr>
<td>BI 6</td>
<td>Biology of Organisms</td>
<td>5</td>
</tr>
<tr>
<td>CH 1A</td>
<td>General Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>CH 1B</td>
<td>General Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>MATH 1A</td>
<td>Calculus</td>
<td>5</td>
</tr>
<tr>
<td>MATH 1B</td>
<td>Calculus</td>
<td>5</td>
</tr>
<tr>
<td>PH 2A</td>
<td>College Physics</td>
<td>4</td>
</tr>
<tr>
<td>PH 2B</td>
<td>College Physics</td>
<td>4</td>
</tr>
</tbody>
</table>

Required Subtotal ........................................................ 38
General Education Requirements (confer with Advisor) .................................. 18
Transferable Electives (confer with advisor) .............................................. 2
Physical Education Activities .............................................................. 2
DEGREE TOTAL ........................................................................... 60

Consult catalog of transfer institution for specific requirements.
Consult course descriptions for prerequisites.

*IMPORTANT NOTE*: The student must see an advisor depending on proposed career, as some courses listed above are not required. Thus, the total units will vary depending on the individual student’s career objective and prior preparation. Students majoring in biological science, medicine, pharmacy, dentistry, or allied fields should complete Biology 5 & 6, Chemistry 1A & 1B, and two semesters of calculus to establish a strong foundation prior to transfer.
Physical Science is the study of inanimate natural objects, including chemistry, geology, physics and astronomy.

Career paths chosen by students pursuing undergraduate studies in the physical sciences commonly include chemistry, physics, engineering, geology, astronomy and environmental science.

All careers in the discipline generally require graduate-level degrees. Even students who choose not to major in physical sciences find that coursework in the field can improve their ability to solve complex problems by using critical thinking and to perform research and analysis.

College of the Desert’s physical science curriculum includes course offerings that provide a general overview of the discipline for students seeking a bachelor’s degree in a nursing program and students planning to be K through 12 teachers. Our primary function is to teach courses designed for majors in the specific disciplines.

College of the Desert offers Associate of Science degrees, as well as courses leading to transfer. Students earning the degrees may also choose to continue their study toward baccalaureate or advanced degree in the field.

COD has transfer agreements with the California State Universities and University of California systems in this discipline/program. However, transfer requirements at four-year colleges and universities vary from institution to institution; students should consult with a counselor for specific information regarding the transfer requirements of their preferred college or university. For more information please call (760) 773-2573.

Advisors: J. Ciurash, R. Tracey

### CHEMISTRY A. S. DEGREE and transfer preparation
(Includes Bio-Chemistry)

<table>
<thead>
<tr>
<th>Dept. No.</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI 5</td>
<td>Molecular &amp; Cell Biology</td>
<td>5</td>
</tr>
<tr>
<td>BI 6</td>
<td>Biology of Organisms</td>
<td>5</td>
</tr>
<tr>
<td>CH 1A</td>
<td>General Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>CH 1B</td>
<td>General Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>CH 10A</td>
<td>Organic Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>CH 10B</td>
<td>Organic Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>MATH 1A</td>
<td>Calculus</td>
<td>5</td>
</tr>
<tr>
<td>MATH 1B</td>
<td>Calculus</td>
<td>5</td>
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<tr>
<td>PH 2A,B</td>
<td>College Physics</td>
<td>8</td>
</tr>
<tr>
<td>OR PH 4A,B</td>
<td>Engineering Physics (10)</td>
<td></td>
</tr>
</tbody>
</table>

(Physics selection depends on requirements of transfer institution)

| Required Subtotal | 48-50 |

| General Education Requirements (confer with Advisor) | 18 |
| Physical Education Activities                        | 2  |

MINIMUM DEGREE TOTAL .......................................... 60

Advisors: N. Moll, R. Rosteck

### ENVIRONMENTAL STUDIES A. S. DEGREE and transfer preparation

<table>
<thead>
<tr>
<th>Dept. No.</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>G 1</td>
<td>Physical Geology</td>
<td>4</td>
</tr>
<tr>
<td>OR G 5</td>
<td>Environmental Geology</td>
<td>4</td>
</tr>
<tr>
<td>OR G 10</td>
<td>The Earth Sciences</td>
<td>4</td>
</tr>
<tr>
<td>BI 5</td>
<td>Molecular &amp; Cell Biology</td>
<td>5</td>
</tr>
<tr>
<td>OR BI 4</td>
<td>Elements of Biology</td>
<td>4</td>
</tr>
<tr>
<td>CH 3</td>
<td>Intro General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>OR CH 4</td>
<td>Fund. of Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>NR 1</td>
<td>Conserv of Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>NR 1L</td>
<td>Conserv of Natural Res Lab</td>
<td>1</td>
</tr>
<tr>
<td>GEOG 1</td>
<td>Physical Geography</td>
<td>3</td>
</tr>
<tr>
<td>MATH 10</td>
<td>College Algebra</td>
<td>4</td>
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</tbody>
</table>

Required Subtotal ................................................. 23-24

A minimum of 17 additional units to be chosen from the following (confer with Advisor):

| AGPS 1    | Soils and Plant Nutrition   | 4     |
| AGPS 2    | Entomology                  | 3     |
| AGEH 1    | Horticulture                | 3     |
| AGEH 1L   | Horticulture Lab            | 1     |
| ECON 1    | Principles of Macroeconomics| 3     |
| GEOG 2    | Cultural Geography          | 3     |
| MATH 14   | Statistical Methods         | 4     |
| NR 3      | Intro to Wildlife Management| 3     |
| PS 1      | Intro to Government         | 3     |

Architecture Elective(s) ......................................... 2-6

Biology Elective(s) ............................................. 3-8

Computer Courses ................................................ 3-6

Geology Elective(s) .............................................. 3-8

Speech Elective .................................................. 3

Required Subtotal ................................................. 23-24

Elective Subtotal (confer with advisor) ........................ 17

General Education Requirements (confer with Advisor) .. 18

Physical Education Activities .................................. 2

DEGREE TOTAL ..................................................... 60

Advisors: N. Moll, R. Rosteck
<table>
<thead>
<tr>
<th>DEPARTMENT</th>
<th>COURSE NO.</th>
<th>COURSE TITLE</th>
<th>UNITS</th>
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<tr>
<td>BI 5</td>
<td>Molecular &amp; Cell Biology</td>
<td>5</td>
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<tr>
<td>BI 6</td>
<td>Biology of Organisms</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>CH 1A</td>
<td>General Chemistry</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>OR CH 3</td>
<td>Intro General Chem (4)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>G 1</td>
<td>Physical Geography</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>OR G 5</td>
<td>Environmental Geography</td>
<td>4</td>
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<tr>
<td>NR 1</td>
<td>Conserv of Natural Resources</td>
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<tr>
<td>NR 1L</td>
<td>Conserv of Natural Res Lab</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>MATH 10</td>
<td>College Algebra</td>
<td>4</td>
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<td>Required Subtotal</td>
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**ENVIRONMENTAL SCIENCES OPTION:**

14 to 19 additional units to be chosen from the following (confer with Advisor):

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<th>COURSE TITLE</th>
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<tbody>
<tr>
<td>PH 2A</td>
<td>College Physics</td>
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<td>PH 2B</td>
<td>College Physics</td>
<td>4</td>
</tr>
<tr>
<td>OR PH 4A</td>
<td>Engineering Physics (5)</td>
<td>5</td>
</tr>
<tr>
<td>PH 4B</td>
<td>Engineering Physics (5)</td>
<td>5</td>
</tr>
<tr>
<td>PH 17</td>
<td>Intro to Meteorology</td>
<td>3</td>
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<tr>
<td>MATH 1A</td>
<td>Calculus</td>
<td>5</td>
</tr>
<tr>
<td>MATH 1B</td>
<td>Calculus</td>
<td>5</td>
</tr>
<tr>
<td>MATH 14</td>
<td>Statistical Methods</td>
<td>4</td>
</tr>
<tr>
<td>G 1</td>
<td>Physical Geography</td>
<td>4</td>
</tr>
<tr>
<td>G 5</td>
<td>Environmental Geography</td>
<td>4</td>
</tr>
<tr>
<td>G 10</td>
<td>The Earth Sciences</td>
<td>4</td>
</tr>
<tr>
<td>G 17</td>
<td>Intro to Oceanography</td>
<td>3</td>
</tr>
<tr>
<td>AGPS 1</td>
<td>Soils and Plant Nutrition</td>
<td>4</td>
</tr>
<tr>
<td>AGPS 2</td>
<td>Entomology - Gen. &amp; Applied</td>
<td>3</td>
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<tr>
<td>NR 3</td>
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<td>3</td>
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<tr>
<td>ECON 1</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
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<td>GEOG 1</td>
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**GEOLOGY A. S. DEGREE**

*and transfer preparation*

(Includes Earth Science, Paleontology, Physical Oceanography)

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<tr>
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<td>General Chemistry</td>
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<td>College Physics</td>
<td>4</td>
</tr>
<tr>
<td>PH 2B</td>
<td>College Physics</td>
<td>4</td>
</tr>
<tr>
<td>OR PH 4A</td>
<td>Engineering Physics (5)</td>
<td>5</td>
</tr>
<tr>
<td>PH 4B</td>
<td>Engineering Physics (5)</td>
<td>5</td>
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</tbody>
</table>

*(Physics requirement depends on transfer institution.)*

**Required Subtotal**: 42-44

General Education Requirements (confer with Advisor): 18

Physical Education Activities: 2

DEGREE TOTAL: 60

*Consult course descriptions for prerequisites.*

Advisor: N. Moll

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**PHYSICS A. S. DEGREE**

*and transfer preparation*

<table>
<thead>
<tr>
<th>COURSE NO.</th>
<th>COURSE TITLE</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Calculus</td>
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<td>MATH 1B</td>
<td>Calculus</td>
<td>5</td>
</tr>
<tr>
<td>MATH 2A</td>
<td>Multivariate Calculus</td>
<td>5</td>
</tr>
<tr>
<td>MATH 2C</td>
<td>Differential Equations</td>
<td>4</td>
</tr>
<tr>
<td>CH 1A</td>
<td>General Chemistry</td>
<td>5</td>
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<tr>
<td>CH 1B</td>
<td>General Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>PH 4A</td>
<td>Engineering Physics</td>
<td>5</td>
</tr>
<tr>
<td>PH 4B</td>
<td>Engineering Physics</td>
<td>5</td>
</tr>
<tr>
<td>PH 5</td>
<td>Computer Programming I (recommended)</td>
<td>3</td>
</tr>
</tbody>
</table>

*Consult course descriptions for prerequisites.*

**Required Subtotal**: 39-42

General Education Requirements (confer with Advisor): 18

Physical Education Activities: 2

MINIMUM DEGREE TOTAL: 60

Advisor: D. MacIntire
The social sciences program at College of the Desert consists of the seven disciplines of anthropology, geography, history, philosophy, political science, psychology, and sociology plus a certificate program in Human Services/Alcohol Drug Studies. The courses offered in each discipline serve both as general surveys of each field and as general education and transfer requirements.

Social sciences majors find jobs in social service agencies, non-profit organizations, government agencies, educational institutions, hospitals, rehabilitation centers, libraries, probation departments, and correctional institutes. Social Sciences majors also find jobs in business and industry in market research, survey research, public relations, management, advertising, human resources, sales, counseling, and as forensic anthropologists and archeologists. Careers that generally require graduate-level degrees include teacher, researcher, field anthropologist, historian, counselor, criminologist, urban planner, lawyer, political consultant, pollster, political campaign manager, philosopher, psychologist, psychiatrist, and human resources director. Even students who choose not to major in the social sciences find that coursework in the various disciplines prepares them to understand organizational and group dynamics, incorporate logic and reasoning in everyday life, understand research and statistical analysis, and connect personal problems to social issues through critical analysis.

College of the Desert’s social sciences program courses are designed to provide students with a general overview of various disciplines of the social sciences, help students meet general education requirements for transfer to four-year institutions, and provide them with supporting courses for majors in other programs. Within the social sciences program, students can earn an Associate of Arts degree in any of the seven disciplines and/or a Certificate of Achievement in Human Services/Alcohol Drug Studies. Students earning an associate’s degree within the social sciences program have a choice of pursuing positions as community support worker, gerontology aide, compensation/benefits worker, consumer survey advisor, delinquency counselor, insurance agent/broker, social welfare examiner, peace corps/VISTA worker, research assistant, claims representative, case aid worker, human resources assistant, public opinion surveyor, community service agency worker, or continuing their studies toward a bachelor’s or graduate degree. COD has transfer agreements with the California State Universities and University of California systems in the disciplines contained within the social sciences program. However, transfer requirements at four-year colleges and universities tend to vary from institution to institution; students should consult with a counselor for specific information regarding the transfer requirements of their preferred college or university. For more information please call (760) 773-2574.

**ANTHROPOLOGY A. A. DEGREE and transfer preparation**

<table>
<thead>
<tr>
<th>Dept. No.</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 1</td>
<td>Intro to Physical Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 2</td>
<td>Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 3</td>
<td>Archaeology, An Intro to Prehistory</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>12 units to be chosen from the following:</td>
<td></td>
</tr>
<tr>
<td>AGEH 1</td>
<td>Horticulture</td>
<td>3</td>
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<tr>
<td>ANTH 4</td>
<td>Prehistory &amp; Ethnography of Southern California Indians</td>
<td>3</td>
</tr>
<tr>
<td>ART 2A</td>
<td>History of Art</td>
<td>3</td>
</tr>
<tr>
<td>ART 31</td>
<td>Digital Photography</td>
<td>3</td>
</tr>
<tr>
<td>BI 4</td>
<td>Elements of Biology</td>
<td>4</td>
</tr>
<tr>
<td>BI 21</td>
<td>Anatomy &amp; Physiology</td>
<td>4</td>
</tr>
<tr>
<td>ENG 35</td>
<td>Myth and Legend</td>
<td>3</td>
</tr>
<tr>
<td>G 1</td>
<td>Physical Geology</td>
<td>4</td>
</tr>
<tr>
<td>G 5</td>
<td>Environmental Geology</td>
<td>4</td>
</tr>
<tr>
<td>G 7</td>
<td>Intro to Geology</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 1</td>
<td>Physical Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 2</td>
<td>Cultural Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 7</td>
<td>Regional Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 10</td>
<td>Geography of California</td>
<td>3</td>
</tr>
<tr>
<td>HIST 3</td>
<td>History of World Civilization</td>
<td>3</td>
</tr>
<tr>
<td>MATH 14</td>
<td>Statistical Methods</td>
<td>3</td>
</tr>
<tr>
<td>MUS 8</td>
<td>American Music</td>
<td>3</td>
</tr>
<tr>
<td>NR 1</td>
<td>Conservation of Natural Resources</td>
<td>1</td>
</tr>
<tr>
<td>NR 41A</td>
<td>Native Plants – Mountain</td>
<td>1</td>
</tr>
<tr>
<td>NR 41B</td>
<td>Native Plants – Desert</td>
<td>1</td>
</tr>
<tr>
<td>PH 1</td>
<td>Introductory Physics</td>
<td>4</td>
</tr>
<tr>
<td>PHIL 12</td>
<td>Religions of the World</td>
<td>3</td>
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</table>

**Required Subtotal** .................................................. 9
**Elective Subtotal** .................................................. 12
**General Education (Option 1* or 2)** ................................ 34-43
*Transferable Electives (as needed) .................................... 3
**Physical Education Activities** ..................................... 2
**DEGREE TOTAL** .................................................. 60-66

**Advisor:** E. Hardy
GEOGRAPHY A. A. DEGREE and transfer preparation

Dept. No. Title ............................................ Units
Required Courses:
GEOG 1 Physical Geography ................................ 3
GEOG 2 Cultural Geography ................................ 3
GEOG 7 Regional Geography .............................. 3
GEOG 10 Geography of California ....................... 3

Electives - 9 units to be chosen from the following:
AGEH 1 Horticulture ....................................... 3
ANTH 2 Cultural Anthropology .......................... 3
ANTH 3 Archaeology, An Intro to Prehistory .......... 3
ART 31 Digital Photography ............................. 3
BI 4 Elements of Biology .................................. 4
ENG 35 Myth and Legend .................................. 3
G 1 Physical Geology ...................................... 4
G 5 Environmental Geology ............................. 4
G 7 Intro to Geology ....................................... 3
HIST 3 History of World Civilization ................. 3
MATH 14 Statistical Methods ............................. 3
NR 1 Conservation of Natural Resources .............. 1
NR 41A Native Plants – Mountain ...................... 1
NR 41B Native Plants – Desert .......................... 1
PH 17 Intro to Meteorology ............................. 3
PHIL 12 Religions of the World ........................ 3

Required Subtotal ........................................... 12
Elective Subtotal ........................................... 9
General Education (Option 1* or 2) .................... 34-43
*Transferable Electives (as needed) ..................... 3
Physical Education Activities ............................ 2
DEGREE TOTAL .............................................. 60-66

Advisor: E. Hardy

HISTORY A. A. DEGREE and transfer preparation

Dept. No. Title ............................................. Units
Required Courses:
HIST 3 History of World Civilization I ............... 3
HIST 4 History of World Civilization II .............. 3
HIST 17 United States History ............................ 3
HIST 18 United States History ............................ 3
ANTH 1 Intro to Physical Anthropology ............... 3
PHIL 10 General Logic .................................... 3
PS 1 Introduction to Government ........................ 3

Required Subtotal ........................................... 21
General Education (Option 1* or 2) .................... 34-43
*Transferable Electives (as needed) ..................... 3
Physical Education Activities ............................ 2
DEGREE TOTAL .............................................. 60-66

Advisors: W. Gudelunas, P. Jenison, C. Kroll

PHILOSOPHY A. A. DEGREE and transfer preparation

Dept. No. Title ............................................. Units
Required Courses:
CIS 70A Computer Business Appl/Windows ......... 3

Choose one from the following: ......................... 3
PHIL 6 Introduction to Philosophy (3)
PHIL 7 Ideas of the Great Philosophers (3)

Choose one from the following: ......................... 3
PHIL 10 General Logic (3)
PHIL 11 Formal Logic (3)

Electives - 12 units to be chosen from the following:
HIST 3 History of World Civilization ............... 3
HIST 4 History of World Civilization ............... 3
ANTH 2 Cultural Anthropology ......................... 3
PSY 1 General Psychology ............................... 3
PHIL 12 Religions of the World ......................... 3
PHIL 13 Perspectives on Death & Dying ............. 3
PHIL 14 Introduction to Ethics .......................... 3
PHIL 16 Philosophy in the Hispanic World .......... 3
PHIL 17 Philosophy of Religion ......................... 3
PHIL 18 Philosophy of Science ........................ 3

Required Subtotal .......................................... 9
Elective Subtotal .......................................... 12
General Education (Option 1* or 2) .................... 34-43
*Transferable Electives (as needed) ..................... 3
Physical Education Activities ............................ 2
DEGREE TOTAL .............................................. 60-66

Advisor: M. Smith
Social Sciences

**POLITICAL SCIENCE A. A. DEGREE**
and transfer preparation

<table>
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<tr>
<th>Dept. No.</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>PS</td>
<td>Intro to Government</td>
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<tr>
<td>PS</td>
<td>Intro to Comparative Gov't</td>
<td>3</td>
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<tr>
<td>OR PS</td>
<td>Intro to Internatl Relations</td>
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*Transferable Electives (as needed) ................................ 4

Physical Education Activities ........................................... 2

Required Subtotal ....................................................... 12-13

General Education (Option 1* or 2) .................................. 34-43

*Transferable Electives (as needed) .................................. 4

**DEGREE TOTAL** ......................................................... 60-65

*Transferable Electives (as needed) .................................. 4

*Transferable Electives (as needed) .................................. 4

Physical Education Activities ........................................... 2

**DEGREE TOTAL** ......................................................... 60-66

Advisors: W. Gudelunas, P. Jenison, C. Kroll

**PSYCHOLOGY A. A. DEGREE**
and transfer preparation

<table>
<thead>
<tr>
<th>Dept. No.</th>
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<tbody>
<tr>
<td>PSY</td>
<td>General Psychology</td>
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<tr>
<td>PSY</td>
<td>Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC</td>
<td>Fundamentals of Statistics</td>
<td>3</td>
</tr>
<tr>
<td>OR MATH</td>
<td>Statistical Methods</td>
<td>4</td>
</tr>
</tbody>
</table>

Electives - 11 units to be chosen with advisor approval:

| BI        | Molecular & Cell Biology                | 5     |
| CIS 70A   | Computer Business Appl/Windows          | 3     |
| PSY 10    | Psychological Aspects of Marriage and Family | 3     |
| PSY 12    | Human Sexuality                         | 3     |
| PSY 20    | Adolescent Psychology                   | 3     |
| PSY 23    | Psychology of Women                     | 3     |
| PSY 33    | Personal & Social Adjustment            | 3     |

Required Subtotal ....................................................... 12-13

Elective Subtotal ....................................................... 11

**DEGREE TOTAL** ......................................................... 60-66

Advisor: L. Emerson

**SOCIOLOGY A. A. DEGREE**
and transfer preparation

<table>
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<tr>
<th>Dept. No.</th>
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<th>Units</th>
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<tbody>
<tr>
<td>SOC 1</td>
<td>Introduction to Sociology</td>
<td>3</td>
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<tr>
<td>SOC 2</td>
<td>Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>SOC 3</td>
<td>Fundamentals of Statistics</td>
<td>3</td>
</tr>
<tr>
<td>OR MATH</td>
<td>Statistical Methods</td>
<td>4</td>
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<tr>
<td>SOC 4</td>
<td>Soc Analysis/Critical Thinking</td>
<td>3</td>
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<tr>
<td>SOC 14</td>
<td>Minority Groups in Americas</td>
<td>3</td>
</tr>
<tr>
<td>OR SOC 15</td>
<td>Mexican American Culture (3)</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 2</td>
<td>Cultural Anthropology</td>
<td>3</td>
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<tr>
<td>PSY 1</td>
<td>General Psychology</td>
<td>3</td>
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Required Subtotal ....................................................... 21-22

General Education (Option 1* or 2) .................................. 34-43

*Transferable Electives (as needed) .................................. 4

Physical Education Activities ........................................... 2

**DEGREE TOTAL** ......................................................... 60-67

Advisors: V. Rios, A. Saddington, N. Tortolis

**SOCIAL SCIENCE A. A. DEGREE**
and transfer preparation

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>ECON 1</td>
<td>Principles of Economics</td>
<td>3</td>
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<tr>
<td>HIST 3</td>
<td>History of World Civ</td>
<td>3</td>
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<tr>
<td>HIST 18</td>
<td>United States History</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 6</td>
<td>Introduction to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PS 1</td>
<td>Introduction to Government</td>
<td>3</td>
</tr>
<tr>
<td>PS 2</td>
<td>Comparative Government</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1</td>
<td>General Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

Required Subtotal ....................................................... 21-22

General Education (Option 1* or 2) .................................. 34-43

*Transferable Electives (as needed) .................................. 4

Physical Education Activities ........................................... 2

**DEGREE TOTAL** ......................................................... 60-66

Advisor: M. Smith
The Speech program at College of the Desert offers an Associate of Arts degree in Speech as well as courses leading to transfer to a four-year college. The degree program is designed for students interested in all fields stressing human interaction. Students may also choose to continue their study in the discipline toward a bachelor’s or graduate degree. Transfer requirements at four-year colleges and universities tend to vary from institution to institution; students should consult with a counselor for specific information regarding the transfer requirements of their preferred college or university. For more information please call (760) 773-2572.

Advisors: A. Jazan, E. Reed

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**SPEECH A. A. DEGREE and transfer preparation**

<table>
<thead>
<tr>
<th>Dept.</th>
<th>No.</th>
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<th>Units</th>
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<tbody>
<tr>
<td>SP</td>
<td>1</td>
<td>Intro to Interpersonal Comm.</td>
<td>3</td>
</tr>
<tr>
<td>SP</td>
<td>4</td>
<td>Public Speaking</td>
<td>3</td>
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</table>

**Electives** (A minimum of 9 units to be selected from the following):

<table>
<thead>
<tr>
<th>Dept.</th>
<th>No.</th>
<th>Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>SP</td>
<td>2</td>
<td>Oral Interpretation of Lit.</td>
<td>3</td>
</tr>
<tr>
<td>SP</td>
<td>5</td>
<td>Group Discussion/Leadership</td>
<td>3</td>
</tr>
<tr>
<td>SP</td>
<td>7</td>
<td>Decision Making/Advocacy</td>
<td>3</td>
</tr>
<tr>
<td>SP</td>
<td>15</td>
<td>Intercultural Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

A minimum of 6 units to be selected from the following courses (confer with Speech Advisor):

<table>
<thead>
<tr>
<th>Dept.</th>
<th>No.</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MC</td>
<td>1</td>
<td>Mass Media in Amer. Culture</td>
<td>3</td>
</tr>
<tr>
<td>PHIL</td>
<td>10</td>
<td>General Logic</td>
<td>3</td>
</tr>
<tr>
<td>PHIL</td>
<td>11</td>
<td>Formal Logic</td>
<td>3</td>
</tr>
<tr>
<td>SOC</td>
<td>2</td>
<td>Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>SOC</td>
<td>3</td>
<td>Fundamentals of Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

Required Subtotal ....................................................... 21

*Transferable Electives (as needed) ................................ 3

Physical Education Activities ........................................... 2

DEGREE TOTAL .................................................. 60-66

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**STUDENT DEVELOPMENT**

Student Development programs and courses are designed to prepare students for college experiences, academic achievement, and success in educational and occupational pursuits. Each course is designed to assist groups of students who share either common goals or common difficulties in reaching their goals.

New and re-entering students who might benefit from guidance in time management, study techniques, educational planning, setting realistic goals, changing careers, etc., are able to earn credit and reap personal benefits through Student Development courses. For more information please call (760) 773-2520.

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**THEATRE ARTS**

Theatre arts is the study of the creative, historical, technical, and cultural aspects of performance. Career paths chosen by students pursuing undergraduate studies in theatre arts commonly include performance, education, design, and communication. Careers in the discipline that generally require graduate-level degrees include dramatic criticism and education. Even students who choose not to major in theatre arts find that coursework in the field can improve their ability to communicate, problem solve, speak publicly, build self confidence, and work successfully both collaboratively and independently.

College of the Desert’s theatre arts curriculum includes course offerings that provide a general overview of the discipline, as well as training in acting, dance, musical theatre, makeup, design, and technical production.

The College offers an Associate of Arts degree, as well as courses leading to transfer. Students earning an associate’s degree in theatre arts may pursue entry-level positions as performers and technicians or may choose to continue their study in the discipline toward a bachelor’s or graduate degree. COD has transfer agreements with California State Universities, the University of California systems and independent colleges and universities in this discipline/program. However, transfer requirements at four-year colleges and universities tend to vary from institution to institution; students should consult with a counselor for specific information regarding the transfer requirements of their preferred college or university. For more information please call (760) 773-2574.

Advisor: D. Catanzarite

(See Course Sequence on the following page.)
### Work Experience Education

Cooperative Work Experience Education is an important component of the education and training that students receive at College of the Desert. The program is a hands-on learning tool that links academics to their current real-world work environment. Work Experience provides an opportunity for students to create and accomplish their own measurable learning outcomes that are new or expanded responsibilities. The goal is for students to become better employees, work on new projects that add to their resume, and enhance their job skills. Work Experience is a course designed for students who are cross training at their current worksite or intern site for upward mobility or possible career changes as well as those looking for entry-level occupational training through work-based learning experiences. College of the Desert recognizes job experience as a valuable learning resource. It has the uniqueness of turning community business, industry, and public agencies into an extended educational training.

**Advisor: M. Richards**

**Work Experience can offer you:**

- An opportunity to link classroom learning on the job
- College units
- A chance to learn if you are in the right academic/career field
- An environment to find out what you like and do well
- A reason to stay in college
- Appropriate bullets on your resume
- Up to date laboratory experience
- Job contacts
- Practical experience
- Build confidence at work

**Types of Work Experience**

1. **General Work Experience Education** is supervised employment of students with the intent to assist them in acquiring desirable work habits, positive job attitudes, and career awareness. Students' jobs need not be directly related to their educational goals. Students may register for 1-3 units per semester with a maximum of 6 units in General Work Experience during their college career.

2. **Occupational Work Experience Education** is supervised employment of students designed to extend their classroom-based occupational learning at an on-the-job site in fields directly related to their educational or occupational goals. Students may register for 1-4
Occupational Work Experience units per semester with a maximum of 16 Work Experience units during their college career. Students may utilize their present work sites for improving skills or choose internships in another area through the Work Experience Office. Certain volunteer training activities may also qualify for college credit through Work Experience, provided that meaningful objectives are set and accomplished.

**Transferrable Units**

Up to 16 units may be used as elective credit for the AA/AS degree. Certain COD programs require Work Experience units and/or allow them as electives within the requirements. All CSU campuses accept COD Work Experience units for elective transfer credit. (*There are CSU campus limits on the maximum number of Work Experience transfer units accepted.*)

**Eligibility**

In order to be eligible for Cooperative Work Experience Education, students must:

1. Currently work, volunteer, or intern within 2 hours of COD
2. For each unit earned, Work Experience participants are required to complete:
   * 75 hours of paid work, or
   * 60 hours of volunteer work
3. Be enrolled as a College of the Desert student
4. Pursue a planned program of Work Experience that includes new or expanded responsibilities or learning opportunities beyond those of previous employment and training.

*Note:* Students with an F-1 visa must make a formal application to US Immigration and Naturalization Service before they can begin any paid employment. Contact the International Student Office for more information.

**How to Enroll**

- Register for the appropriate section (see current class schedule). For Occupational Work Experience sections, students must be working or interning in a field directly related to their declared major. All others must register for a General Work Experience section.
- **Pick-up and complete the required application packet** in Central Annex 14, or online at collegeofthedesert.edu/workexperience
- **Attend an orientation** and bring the completed application packet with you. Students who complete the orientation online will need to return their application to Central Annex 14 during the first week of the session.

For further information, contact:
- (760) 862-1344
- www.collegeofthedesert.edu/workexperience
- mrichards@collegeofthedesert.edu

**Academic Areas**

Work Experience credit is available in the following fields:

- Accounting
- Administration of Justice
- Agriculture
- Air Conditioning
- Anthropology
- Architecture
- Art
- Automotive Technology
- Biology
- Business Administration
- Culinary Arts
- Computer Information Systems
- Computer Science
- Construction Management
- Digital Design & Production
- Economics
- Early Childhood Education
- English
- Fire Technology
- General Work Experience
- Golf Management
- Health Sciences
- HS/Alcohol & Drug Studies
- Hotel & Restaurant Management
- Journalism
- Mass Communication
- Mathematics
- Music
- Natural Resources
- Physical Education
- Political Science
- Psychology
- Radio & Television
- Sociology
- Theater Arts
CLASSIFICATION AND NUMBERING OF COURSES

There are three types of courses/classes offered by College of the Desert:

1. **Credit Courses** - Courses numbered 1-99 are credit courses. A credit course is a part of an approved educational program or major. The credit awarded by College of the Desert for completion of most courses is accepted as a completion of a portion of an appropriate educational sequence leading to an Associate Degree or Baccalaureate Degree by the University of California, the California State University or an accredited independent college or university. A few remedial courses in Basic Skills are offered for credit but do not count toward completion of a program or major.

2. **Noncredit Courses** - Courses numbered 100 and above are designed for students who are not candidates for degree programs and work in such courses is not applicable toward graduation. Noncredit developmental courses are offered in Adult Basic Education (ABE), high school completion (GED), English as a Second Language Noncredit (ESLN), and DSPS courses designed for students with disabilities. All noncredit courses are graded only on a pass (P) and no pass (NP) basis.

3. **Community Education Classes** - Classes are designed for students whose primary motive for activity and learning is personal enrichment only. The classes carry no academic credit and are supported by class fees.

ABBREVIATIONS AND SYMBOLS

<table>
<thead>
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<th>Kind of Grading</th>
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<tr>
<td>L</td>
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</tr>
<tr>
<td>K</td>
<td>Mandatory Pass/No Pass</td>
</tr>
<tr>
<td>O</td>
<td>Optional Pass/No Pass</td>
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<thead>
<tr>
<th>Transfer Status</th>
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</thead>
<tbody>
<tr>
<td>CSU</td>
<td>meets baccalaureate criteria for the California State University system.</td>
</tr>
<tr>
<td>UC</td>
<td>accepted by the University of California system.</td>
</tr>
<tr>
<td>UC*</td>
<td>University of California will accept course but with some unit limitations or other stipulations.</td>
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<table>
<thead>
<tr>
<th>Degree Applicability</th>
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<tbody>
<tr>
<td>AA/AS</td>
<td>applies to the Associate of Arts or Associate of Science degree.</td>
</tr>
<tr>
<td>NAA</td>
<td>offered for credit but does not apply to the A.A. or A.S. degree</td>
</tr>
<tr>
<td>NONC</td>
<td>noncredit course</td>
</tr>
<tr>
<td>COD GE</td>
<td>meets General Education criteria for COD's occupational/vocational non-transfer degrees</td>
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<tr>
<td>CSU GE</td>
<td>meets criteria for California State University and College of the Desert General Education</td>
</tr>
<tr>
<td>IGETC</td>
<td>meets criteria for Intersegmental General Education Transfer Curriculum (applicable to both the California State University system and the University of California system)</td>
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## KEY TO COURSE CODES

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<td>Academic Skills Center ..........................</td>
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<td>Accounting ........................................</td>
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<td>Administration of Justice ......................</td>
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<td>Adult Basic Education ............................</td>
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<td>Agriculture/Business ............................</td>
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<td>Agriculture/Environmental Horticulture ......</td>
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<tr>
<td>Agriculture/Plant Science .....................</td>
<td>AGPS</td>
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<td>Air Conditioning/HVAC ...........................</td>
<td>ACR</td>
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<td>Alcohol &amp; Drug Studies .........................</td>
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<td>Automotive Technology ...........................</td>
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<td>Building Inspection Technology ..............</td>
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<td>Business/Accounting ..............................</td>
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<td>Business/Finance ................................</td>
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<td>Business/Hotel &amp; Restaurant Management ......</td>
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<td>Fire Technology ...................................</td>
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## SUBJECT .................................................. COURSE CODE

| Foreign Language ................................. | FL          |
| French ............................................ | FR          |
| Geography ........................................ | GEOG        |
| Geology .......................................... | G           |
| German ............................................ | GER         |
| Golf Management .................................. | GOLF        |
| Graphic Design ................................. | see Digital Design & Production |
| Health Education ................................ | HE          |
| Health Sciences ................................ | HS          |
| History .......................................... | HIST        |
| Hospitality ..................................... | BUHM        |
| Hotel & Restaurant Management ................ | BUHM        |
| Human Services/Alcohol & Drug Studies ...... | HSAD        |
| Humanities ...................................... | HUM         |
| Italian .......................................... | ITAL        |
| Japanese ......................................... | JPN         |
| Journalism ....................................... | J           |
| Law Enforcement .................................. | AJ          |
| Management ...................................... | BUMA        |
| Mass Communication ............................. | MC          |
| Mathematics ..................................... | MATH        |
| Music ............................................ | MUS         |
| Natural Resources .............................. | NR          |
| Nursing .......................................... | N           |
| Nutrition ........................................ | HEC         |
| Ornamental Horticulture ....................... | AGEH        |
| Philosophy ...................................... | PHIL        |
| Physical Education ............................. | PE          |
| Physics .......................................... | PH          |
| Political Science .............................. | PS          |
| Psychology ...................................... | PSY         |
| Radio-Television ................................ | RTV         |
| Reading .......................................... | RDG         |
| Recreation ...................................... | RE          |
| Sociology ....................................... | SOC         |
| Spanish .......................................... | SPAN        |
| Speech ............................................ | SP          |
| Student Development ............................ | STDV        |
| Supervision & Management ..................... | BUSM        |
| Theatre Arts .................................... | TA          |
| Varsity Sports-Men ............................. | VSM         |
| Varsity Sports-Women ........................... | VSW         |
| Vocational Nursing ............................. | VN          |
| Work Experience, General ..................... | WEG         |
| Work Experience, Occupational ............... | WEV         |
### KEY TO SUBJECTS

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<tr>
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<tr>
<td>A</td>
<td>Astronomy</td>
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<td>Adult Basic Education</td>
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<td>ACR</td>
<td>Air Conditioning/HVAC</td>
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ACADEMIC SKILLS CENTER

ASC-005 TUTOR TRAINING Units: ½
This course provides the training, practicum, and applied projects necessary for success in peer tutoring.
Lecture Hours: 4 Lab Hours: 16 Repeatable: No Grading: L
Prerequisite: Grade of A or B in course being tutored
COD GE: None CSU GE: None IGETC: None
Transfer Status: None Degree Applicable: AA/AS
CAN: None

ASC-097 SUPPLEMENTAL LEARNING LAB Units: ½
Lecture Hours: 0 Lab Hours: 27 Repeatable: 3 Grading: K

ASC-098 SUPPLEMENTAL LEARNING LAB Units: 1
Lecture Hours: 0 Lab Hours: 54 Repeatable: 3 Grading: K
Prerequisite: Enrollment in a credit course
COD GE: None CSU GE: None IGETC: None
Transfer Status: None Degree Applicable: NAA

ASC-100 SUPERVISED TUTORING Units: 0
 Supervised Tutoring is an open entry/open exit environment where COD students with learning needs in academic subjects receive drop in tutoring, small group instruction, and computer assisted or mediated instruction that supplements classroom instruction. A student does not have to register at formal registration. Registration may be completed in the Tutorial Center or the Academic Skills Center. The course includes multiple sections focusing on specific discipline areas including, but not limited to, writing, ESL, foreign languages, math, sciences, and general tutoring.
Class Hours: Open Repeatable: Yes Grading: K
COD GE: None CSU GE: None IGETC: None
Transfer Status: None Degree Applicable: NONC

ACCOUNTING

See Business/Accounting (page 152)

ADMINISTRATION OF JUSTICE

AJ-001 INTRODUCTION TO THE ADMINISTRATION OF JUSTICE Units: 3
This is a study of the History and Philosophy of Administration of Justice in America. It includes a recapitulation of the system, identification of the various sub-systems, role expectations, and their inter-relationships. It covers theories of crime, punishment, and rehabilitation; ethics, education and training for professionals in the system.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050 Advisory: RDG-050
COD GE: C2 CSU GE: D0 Degree Applicable: AA/AS
Transfer Status: CSU/UC IGETC: None

AJ-002 CRIMINAL LAW Units: 3
This is a study of the historical development, philosophy of law and constitutional provisions, definitions, classification of crimes, and their application to the system of administration of justice. It includes legal research, study of case law, methodology, and concepts of law as a social force.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: AJ-001
COD GE: None CSU GE: None Degree Applicable: AA/AS
Transfer Status: CSU/UC IGETC: None

AJ-003 LEGAL ASPECTS OF EVIDENCE Units: 3
This course includes a study of the origin, development, philosophy and constitutional basis for the Rules of Evidence. It includes constitutional and procedural considerations affecting search and seizure, the kinds of degrees of evidence and the rules governing admissibility at trial, and judicial decisions interpreting individual rights and case studies.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: AJ-001
COD GE: None CSU GE: None Degree Applicable: AA/AS
Transfer Status: CSU IGETC: None

AJ-004 PRINCIPLES & PROCEDURES OF THE JUSTICE SYSTEM Units: 3
This is an in-depth study of the role and responsibility of each segment within the Administration of Justice System, Law Enforcement, Judicial and Corrections. It includes exposure to past, present and future sub-system procedures from initial entry to final disposition, and the relationship each segment maintains with its system members and the community.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: AJ-001
COD GE: None CSU GE: None Degree Applicable: AA/AS
Transfer Status: CSU IGETC: None
AJ-005A  MULTICULTURAL ISSUES WITHIN PUBLIC SAFETY  Units: 3
The purpose of this course is to present students with a perspective of major cultural groups in California that transcends the views commonly found in society. The course explores how differences in culture, ethnicity, race, prejudice, and ethnocentrism are addressed in the Justice System.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: AJ-001
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C5  CSU GE: None  IGETC: None
CAN: None

AJ-006  PRINCIPLES OF INVESTIGATIONS  Units: 3
This course includes the study of basic principles of all types of investigations utilized in the Justice System. Coverage includes human aspects in dealing with the public, specific knowledge necessary for handling crime scenes, interviews, evidence, surveillance, follow-up, technical resources, and case preparation.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: AJ-001
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

AJ-007  CRIMINAL SUBSTANTIVE LAW  Units: 3
This is an in-depth study of the substantive laws commonly encountered by the municipal, county, or state police officer, investigator or other criminal justice employee. The scope of the course includes misdemeanor and felony violations of the criminal statutes, provides an understanding of California Codified Law, and an overview of case decisions.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: AJ-001
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

AJ-008  CONCEPTS OF ENFORCEMENT SERVICES  Units: 3
Topics discussed in this course include: exploration of theories, philosophies, and concepts related to the role expectations of the line enforcement officer which include patrol, traffic, and public service responsibilities.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: AJ-001
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

AJ-009  TRAFFIC CONTROL  Units: 3
Students study basic accident investigation, the use of the State Accident Report Form, the principles of "selective" enforcement, parking and intersection control, basic provisions of the California Vehicle Code governing the operation of motor vehicles, and the responsibilities of the community in traffic control.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: AJ-001
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

AJ-010  JUVENILE LAW & PROCEDURE  Units: 3
This course introduces major types of criminal behavior, role careers of offenders and factors which contribute to criminality or delinquency. It covers methods used in dealing with offenders in the justice system; the changing role of law enforcement and judicial, probation, parole and institutions; changes of the law in crime control and treatment processes, and techniques of handling juveniles.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: AJ-001
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

AJ-016  NARCOTICS CONTROL  Units: 3
This is a study of the laws relating to narcotics and dangerous drugs as well as the procedures and problems in investigations and the control of violations of narcotic laws. Students learn how to identify narcotics and dangerous drugs, how to assess their effect on users, and how to prepare a case for court presentation.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: AJ-001
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

AJ-017  NATURAL RESOURCES LAW ENFORCEMENT  Units: 3
This course provides information relating to enforcement of natural resources and wildlife laws in the United States and California. Topics studied include the relationships between Federal and State natural resources and wildlife laws and regulations, laws as resource and wildlife management tools, conservation and perpetuation of wildlife and other natural resources, review of State and Federal resource management agencies, law enforcement officer qualifications, duties and responsibilities, enforcement procedures, court systems, fines and forfeitures, hunter safety program, public responsibilities, preservation of the environment and conservation of wildlife. (Also listed as, and equivalent to, NR-017.)

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

AJ-024  REPORT WRITING  Units: 3
This course emphasizes the procedures and practices commonly used to gather data and information and prepare a variety of written reports and records. Students learn to write criminal justice reports that meet statistical, legal, and prosecution
requirements of the criminal justice system. The course provides students with abundant practice in writing effective reports, bulletins, memos, letters, and other short papers. Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L

**Prerequisite:** AJ-001
- CAN: None
- Transfer Status: CSU Degree Applicable: AA/AS
- COD GE: None CSU GE: None IGETC: None

**AJ-030 CORRECTIONAL SYSTEMS**  
Units: 3

Criminals and institutional personnel involved in corrections at all levels are reviewed in depth. History, politics, and contemporary correction issues such as punishment, theories, sentencing alternatives, prison experience, and prisoner rights, female and juvenile incarceration problems, overcrowding, and 21st century corrections are examined. Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L

**Prerequisite:** AJ-001
- CAN: None
- Transfer Status: CSU Degree Applicable: AA/AS
- COD GE: None CSU GE: None IGETC: None

**AJ-051 PC 832 TRAINING**  
Units: 3

This course provides the arrest and firearms portion for peace officers who do not possess a basic certificate awarded by the Commission on Peace Officer Standards and Training. Topics include basic laws of arrest and firearms, use of firearms, communication and arrest methods. Meets the curriculum standards of the Peace Officer Standards and Training (POST) required by Penal Code Section 832. Total of 64 hours as required by POST Certification. Lecture Hours: 45 Lab Hours: 27 Repeatable: No Grading: L

**Advisory:** ENGR-050
- CAN: None
- Transfer Status: None Degree Applicable: AA/AS
- COD GE: None CSU GE: None IGETC: None

**AJ-055 ADULT CORRECTIONAL OFFICER TRAINING**  
Units: 11

The course introduces the student to adult corrections procedure, interviewing, counseling techniques, defensive tactics, public relations, and oral and written communications. Security and supervision techniques in adult institutions are stressed. The Adult Correctional Officer Training meets or exceeds the mandates of the California Board of Corrections and Rehabilitation. This course provides entry-level training for correctional officers. Lecture Hours: 198 Lab Hours: 162 Repeatable: No Grading: K

**CAN:** None
- Transfer Status: None Degree Applicable: AA/AS
- COD GE: None CSU GE: None IGETC: None

**AJ-061 BASIC PEACE OFFICER TRAINING - MODULE III**  
Units: 7

This course is designed to meet the state mandated training requirements in the Basic Peace Officer Modular Training Course. Students completing this course will have all training requirements for Reserve Officer - Module III or the first of the three classes required for full-time Peace Officers. There are a total of 168 hours required in this class. Lecture Hours: 99 Lab Hours: 81 Repeatable: No Grading: L

**Advisory:** ENGR-050
- CAN: None
- Transfer Status: None Degree Applicable: AA/AS
- COD GE: None CSU GE: None IGETC: None

**AJ-062 BASIC PEACE OFFICER TRAINING - MODULE II**  
Units: 12

This course is designed to meet the state mandated training requirements in the Basic Peace Officer Modular Training Course. The course satisfies Peace Officer Standards and Training (POST) requirements for Module II police reserve certification and completion of two of the three Modular Courses required for full-time Peace Officers. There are a total of 268 hours required in this class. Lecture Hours: 189 Lab Hours: 81 Repeatable: No Grading: L

**Prerequisite:** AJ-061
- CAN: None
- Transfer Status: None Degree Applicable: AA/AS
- COD GE: None CSU GE: None IGETC: None

**AJ-063 BASIC PEACE OFFICER TRAINING - MODULE I**  
Units: 16½

This course is designed to meet the state mandated training requirements to be qualified as a Level I Peace Officer. The course satisfies POST requirements for Level I police reserve certification and completion of the three Modular courses required for full-time Peace Officers. Total of 394 hours as required by the POST Certification. Fall 08 - Lecture Hrs: 243 Lab Hrs: 162 Repeatable: No Grading: L  
Spr 09 - Lecture Hrs: 297 Lab Hrs: 108 Repeatable: No Grading: L

**Prerequisite:** AJ-062
- CAN: None
- Transfer Status: None Degree Applicable: AA/AS
- COD GE: None CSU GE: None IGETC: None

**AJ-065 BASIC PEACE OFFICER TRAINING - INTENSE FORMAT**  
Units: 30

This course meets the requirements of the State of California, Commission on Peace Officer Standards and Training (POST). The POST certification is held by the Riverside Sheriff Department, our sponsoring Law Enforcement Agency. Completion of the course meets the training requirement as prescribed by POST to be a full-time Peace Officer in the State of California. There are a total of 943 hours required in this class. Lecture Hours: 540 Lab Hours: 413 Repeatable: No Grading: K

**Limitation on Enrollment:** Completion of the POST reading and writing skills examination. Completion of POST physical fitness assessment. Possession of a valid California driver's license. Successful completion of a medical examination. Fingerprint clearance through the California State Department of Justice.

**CAN:** None
- Transfer Status: None Degree Applicable: AA/AS
- COD GE: None CSU GE: None IGETC: None
AJ-071  BACKGROUND INVESTIGATION  Units: 2
COURSE
This course is directed for patrol officer/deputy who are assigned to a background investigation unit. This course will discuss ADA (American Disability Act) issues, POST requirements, document identification and interview techniques related to an employment interview.
Lecture Hours: 36  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite:  AJ-063 and meets all POST & Riverside Sheriff Department Requirements
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

AJ-072  IDENTITY THEFT INVESTIGATION- Units: ½
BASIC COURSE
This course is designed for the patrol level deputy / first responder. It contains information relevant to low-tech identity theft crimes. This course also introduces the high-tech aspect of identity theft with computers, including “phishing”, wireless network schemes, and how computers are used in identity theft crimes. The course also presents identification, collection, and preservation of evidence. Jurisdiction of specific crimes and how the First Responder must investigate and/or refer the victim to the appropriate agency. This course will also clarify the elements of specific crimes relative to Identity Theft and touch upon the fine line between what is criminal vs. civil matter.
Lecture Hours: 9  Lab Hours: 0  Repeatable: No  Grading: K
Prerequisite:  AJ-063 and meets all POST & Riverside Sheriff Department Requirements
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

AJ-073  IDENTITY THEFT INVESTIGATION- Units: ½
ADVANCED COURSE
This course differs from Identity Theft, Basic, as it offers advanced technical information that our investigators and those with computer skills could understand. Curriculum addresses such issues as current crime trends, investigating these increasingly complex cases. The course builds on skills learned in the Identity Theft, Basic course, to include instructions on search warrant preparation for this type of crime. This course gives the student detailed knowledge of computer forensics and how computers can help their investigation, including more complex computer techniques in recognizing “phishing” and other high-tech means the identity thief uses.
Lecture Hours: 9  Lab Hours: 0  Repeatable: No  Grading: K
Prerequisite:  AJ-072
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

AJ-074  FIELD TRAINING OFFICER COURSE - BASIC
Units: 2½
This course is designed to provide the student with an understanding of the purpose of the field training program. This course will focus on the fundamentals of basic training in patrol concepts and procedures. This class is POST Certified and will be taught with the Riverside Sheriff Department's POST Certification.
Lecture Hours: 45  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite:  AJ-063 and meets all POST & Riverside Sheriff Department Requirements
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

AJ-075  FIELD TRAINING OFFICER COURSE - UPDATE
Units: 1¼
This course is designed to provide the student with an overview of the current legal issues and responsibilities of the field training officer. The course will focus on vehicle pursuits, weapons update, building searches, prisoner restraints, and the use of force. This class is POST Certified and will be taught with the Riverside Sheriff Department's POST Certification. Total of 24 hours as required by POST Certification.
Lecture Hours: 27  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite:  AJ-074
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

AJ-076  CASINO-RELATED CRIME INVESTIGATION
Units: ½
This course is designed for the patrol officer/deputy responding to gambling-related and casino/card room crimes and for the investigator assigned to investigate gambling-related offenses. This course will familiarize the law enforcement officer with the history of gaming in California, issues related to tribal casinos, crime trends in the gambling industry, investigative resources, evidence, as well as prosecutorial considerations in investigating gambling offenses. This class is POST Certified and will be taught with the Riverside Sheriff Department's POST Certification. Total of 8 hours as required by POST Certification.
Lecture Hours: 9  Lab Hours: 0  Repeatable: No  Grading: K
Prerequisite:  AJ-063 and meets all POST & Riverside Sheriff Department Requirements
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

AJ-077  INTERVIEW & INTERROGATION COURSE - BASIC
Units: ½
This course will provide the student with the fundamentals and techniques for properly interviewing victims, witnesses, and suspects in a field setting. Methods for preparing for an interview, establishing a rapport with people, and interview strategies will be discussed. Additionally, methods for using a tape recorder and techniques for manually recording an interview, along with dealing with different personalities and ethnic groups will be covered. This class is POST Certified and will be taught with the Riverside Sheriff Department's POST Certification. Total of 8 hours as required by POST Certification.
Lecture Hours: 9  Lab Hours: 0  Repeatable: No  Grading: K
Prerequisite:  AJ-063 and meets all POST & Riverside Sheriff Department Requirements
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Prerequisites</th>
<th>Department Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJ-078</td>
<td>INTERVIEW &amp; INTERROGATION - ADVANCED</td>
<td>2</td>
<td>AJ-077</td>
<td>None</td>
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<td></td>
<td>This POST certified course will provide advanced interview and</td>
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<td>interrogation techniques for experienced law enforcement</td>
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<td>personnel assigned to patrol or investigations and others who</td>
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<td>conduct criminal interviews and interrogations. This course will</td>
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<td>further refine the skills and techniques required to properly</td>
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<td></td>
<td>obtain statements, incriminating statements, admissions, and</td>
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<td></td>
<td>confessions. This class is POST Certified and will be taught with</td>
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<td>the Riverside Sheriff Department's POST Certification. Total of</td>
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<td>32 hours as required by POST Certification.</td>
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<tr>
<td>AJ-079</td>
<td>COURTROOM TESTIMONY AND DEMEANOR</td>
<td>½</td>
<td>AJ-063</td>
<td>None</td>
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<td></td>
<td>This course is designed to provide the student with an overview of</td>
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<td></td>
<td>the courtroom testimony process. The course will focus on court</td>
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<td>room dynamics, personal demeanor and the verbal presentation of</td>
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<td>factual information. This class is POST Certified and will be</td>
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<td>taught with the Riverside Sheriff Department's POST Certification.</td>
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<td>Total of 9 hours as required by POST Certification.</td>
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<tr>
<td>AJ-080</td>
<td>INTERNET UNDERCOVER INVESTIGATIONS/PEDOPHILES COURSE</td>
<td>½</td>
<td>AJ-063</td>
<td>None</td>
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<td></td>
<td>This course is designed to teach the student about Internet</td>
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<td>pedophiles and how to set up and establish an undercover</td>
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<td>operation to identify, apprehend, and prosecute them. The student</td>
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<td>will learn the basics of establishing an undercover</td>
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<td>Internet child profile and learn to identify and have conversations</td>
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<td>with Internet pedophiles. It is geared toward investigators who</td>
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<td></td>
<td>are interested in sexual assault/child abuse cases, or Internet</td>
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<td></td>
<td>crimes against children.</td>
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<tr>
<td>AJ-081</td>
<td>CRIME SCENE INVESTIGATION COURSE</td>
<td>1</td>
<td>AJ-063</td>
<td>None</td>
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<tr>
<td></td>
<td>This course reviews principles of evidence collection, crime</td>
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<td>scene examination, recording, gathering trace evidence, and</td>
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<td>collecting and packaging of biological evidence, i.e., body</td>
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<td>fluids. It will introduce the student to basic fundamentals of a</td>
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<td>digital camera and its use and function in a crime scene</td>
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<td>investigation. Total of 16 hours as required by POST Certification.</td>
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</tbody>
</table>

**Advisory:** ABE-320A and/or transcript evaluation

**Prerequisite:** AJ-063 and meets all POST & Riverside Sheriff

**Department Requirements**

Transfer Status: None

Degree Applicable: AA/AS

COD GE: None

CSU GE: None

IGETC: None

**AJ-082** FINGERPRINT, SPECIALIZED TECHNIQUE - LATENT

This course is designed to present a study of the scientific development of fingerprints and their retrieval. The course will focus on the identification, fiction ridges, and basic categories of fingerprints. Topics will include the methods of processing fingerprints, types of surfaces, and powder processing versus chemical processing. Total of 14 hours as required by POST Certification.

Lecture Hours: 18

Lab Hours: 0

Repeatable: No

Grading: L

**Prerequisite:** AJ-063 and meets all POST & Riverside Sheriff

**Department Requirements**

Transfer Status: None

Degree Applicable: AA/AS

COD GE: None

CSU GE: None

IGETC: None

**ADULT BASIC EDUCATION**

**ABE-300** ADULT BASIC EDUCATION

This course is designed to provide basic skills instruction in reading, writing, math, and survival skills in everyday living.

Class Hours: Open

Repeatable: Yes

Grading: K

**Prerequisite:**

**Department Requirements**

Transfer Status: None

Degree Applicable: NONC

COD GE: None

CSU GE: None

IGETC: None

**ABE-320A** FUNDAMENTALS OF ENGLISH

This course provides basic grammar skills which prepare students for high school completion and GED testing. Students prepare to pass the adult high school proficiency essay examination, the GED essay examination, or the college assessment test.

Class Hours: Open

Repeatable: Yes

Grading: K

**Prerequisite:**

**Department Requirements**

Transfer Status: None

Degree Applicable: NONC

COD GE: None

CSU GE: None

IGETC: None

**ABE-320B** FUNDAMENTALS OF ENGLISH

This course provides a secondary level in English grammar and further experience in essay writing. Students learn to write coherent descriptive paragraphs using definition, and essays on current topics.

Class Hours: Open

Repeatable: Yes

Grading: K

**Advisory:** ABE-320A and/or transcript evaluation

**Prerequisite:**

**Department Requirements**

Transfer Status: None

Degree Applicable: NONC

COD GE: None

CSU GE: None

IGETC: None

**College of the Desert Catalog 2008-2009**
ABE-320C  FUNDAMENTALS OF ENGLISH  Units: 0
This course provides students the opportunity to refine their skills in writing the narrative and persuasive argumentative writing. Students are expected to refine their skills in essay writing and address the narrative, and persuasive-argumentative essays. They also write business letters, complete a resume on the word processor, and read short stories.
Class Hours: Open  Repeatable: Yes  Grading: K
Advisory: ABE-320B and/or transcript evaluation
CAN: None
Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

ABE-320D  FUNDAMENTALS OF ENGLISH  Units: 0
This course prepares students to write essays that demonstrate critical thinking skills.
Class Hours: Open  Repeatable: Yes  Grading: K
Advisory: ABE-320C and/or transcript evaluation
CAN: None
Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

ABE-322A  ADVANCED FUNDAMENTALS OF ENGLISH I: Reference Skills  Units: 0
In this course students will be assisted in writing a thesis statement, doing research and writing a complete research paper of approximately 2,000 to 2,500 words.
Class Hours: Open  Repeatable: Yes  Grading: K
Advisory: ABE-320D and/or transcript evaluation
CAN: None
Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

ABE-322B  ADVANCED FUNDAMENTALS OF ENGLISH II: Research Skills  Units: 0
In this course students will write a directed research paper of approximately 2,000 to 2,500 words.
Class Hours: Open  Repeatable: Yes  Grading: K
Advisory: ABE-322A and/or transcript evaluation
CAN: None
Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

ABE-323A  AMERICAN LITERATURE  Units: 0
This course provides a study of representative American writers. Students evaluate 3 novels written by a selected author according to point of view, plot, style, emotional appeal, characters and how the book has affected the history of society.
Class Hours: Open  Repeatable: Yes  Grading: K
Advisory: ABE-323A and/or transcript evaluation
CAN: None
Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

ABE-323B  WORLD LITERATURE  Units: 0
This course provides an opportunity to explore the works of a few of the world's greatest authors. Students research the life of three authors from a provided list and review two books and one short story written by those authors. Students address point of view, plot, style, emotional appeal, characters and how the book has affected the history of society.
Class Hours: Open  Repeatable: Yes  Grading: K
Advisory: ABE-323A and/or transcript evaluation
CAN: None
Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

ABE-324A,B  READING CONTROL LAB I, II  Units: 0
This course is designed to teach reading to adults. Credit is applicable towards a high school diploma.
Class Hours: Open  Repeatable: Yes  Grading: K
CAN: None
Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

ABE-326A  U.S. HISTORY I  Units: 0
This course provides the history of the United States from exploration through the Civil War.
Class Hours: Open  Repeatable: Yes  Grading: K
CAN: None
Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

ABE-326B  U.S. HISTORY II  Units: 0
This course provides the history of the United States from Reconstruction of 1865 to the present.
Class Hours: Open  Repeatable: Yes  Grading: K
CAN: None
Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

ABE-328A  PRACTICAL AMERICAN GOVERNMENT: U.S. Government  Units: 0
This course is designed to give students an understanding of the principles and structure of government.
Class Hours: Open  Repeatable: Yes  Grading: K
CAN: None
Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

ABE-328B  PRACTICAL AMERICAN GOVERNMENT: Economics  Units: 0
This course is designed to help students recognize the role and importance of the individual consumer in the world economy.
Class Hours: Open  Repeatable: Yes  Grading: K
CAN: None
Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

ABE-332A  WORLD HISTORY I  Units: 0
This course covers major elements in Western Civilization related to the Modern World. Emphasis is placed upon prehistory and to 18th century cultures.
Class Hours: Open  Repeatable: Yes  Grading: K
CAN: None
Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None
**ABE-332B  WORLD HISTORY II**  Units: 0
This course covers major elements in Western Civilization related to the Modern World from the 18th century to today's world.
Class Hours: Open  Repeatable: Yes  Grading: K
CAN: None  Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

**ABE-334  U.S. CITIZENSHIP**  Units: 0
This course provides instruction of American History and United States Government in preparation for becoming a citizen of the United States.
Class Hours: Open  Repeatable: Yes  Grading: K
CAN: None  Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

**ABE-335A  WORLD GEOGRAPHY I**  Units: 0
This course provides basic information on regions of the United States, Latin America, Europe, and Russia, emphasizing their geographical features.
Class Hours: Open  Repeatable: Yes  Grading: K
CAN: None  Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

**ABE-335B  WORLD GEOGRAPHY II**  Units: 0
This course provides basic information on regions of Africa, the Middle East, Asia, and the Pacific, emphasizing their geographical features.
Class Hours: Open  Repeatable: Yes  Grading: K
CAN: None  Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

**ABE-342A,B  PRACTICAL BASIC MATH I, II**  Units: 0
This course provides practical math skills from basic computation to simple equations. Self-instructional materials allow self-paced study.
Class Hours: Open  Repeatable: Yes  Grading: K
CAN: None  Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

**ABE-344A  MATH FOR LIVING I**  Units: 0
The course helps students understand the concepts of basic math and how they apply to consumer skills necessary for life situations.
Class Hours: Open  Repeatable: Yes  Grading: K
CAN: None  Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

**ABE-344B  MATH FOR LIVING II**  Units: 0
The course helps students to apply the concepts of basic math skills to everyday life situations.
Class Hours: Open  Repeatable: Yes  Grading: K
CAN: None  Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

**ABE-346A,B  ALGEBRA I, II**  Units: 0
This course provides basic algebra skills including simple equations, use of formulas, exponents and factoring. Self-instructional material allows self-paced study.
Class Hours: Open  Repeatable: Yes  Grading: K
CAN: None  Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

**ABE-348A  GENERAL SCIENCE**  Units: 0
This course provides instruction of American History and United States Government in preparation for becoming a citizen of the United States.
Class Hours: Open  Repeatable: Yes  Grading: K
CAN: None  Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

**ABE-348B  GENERAL SCIENCE**  Units: 0
This course is designed to provide students with the basic knowledge of science as related to themselves and their range of experiences.
Class Hours: Open  Repeatable: Yes  Grading: K
CAN: None  Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

**ABE-351A  SCIENCE: LAND ANIMALS**  Units: 0
This high school level course provides the study and understanding of the origin of land animals.
Class Hours: Open  Repeatable: Yes  Grading: K
CAN: None  Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

**ABE-351B  SCIENCE: WATER LIFE**  Units: 0
This course provides the study and understanding of the origin of water life.
Class Hours: Open  Repeatable: Yes  Grading: K
CAN: None  Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

**ABE-361A  FINE ARTS: ART**  Units: 0
This course teaches the student the history of art through the perspective of artists from around the world. The course focuses not only on the artists’ work but also on various biographical facts of the artist.
Class Hours: Open  Repeatable: Yes  Grading: K
CAN: None  Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

**ABE-361B  FINE ARTS: MUSIC**  Units: 0
This course familiarizes the student with the different forms of music and provides a survey of the history of music.
Class Hours: Open  Repeatable: Yes  Grading: K
CAN: None  Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None
**Adult Basic Education**

**ABE-361C  FINE ARTS: THEATER**  
Units: 0  
This course introduces and familiarizes the student with the various forms of theatrical performances.  
Class Hours: Open  
Repeatable: Yes  
Grading: K  
CAN: None  
Transfer Status: None  
Degree Applicable: NONC  
COD GE: None  
CSU GE: None  
IGETC: None

**ABE-364  GED TEST PREPARATION**  
Units: 0  
This course is designed to prepare students for the GED examination. This course may be repeatable up to 3 times in order for the students to successfully get through the 5 GED tested disciplines.  
Class Hours: Open  
Repeatable: Yes  
Grading: K  
CAN: None  
Transfer Status: None  
Degree Applicable: NONC  
COD GE: None  
CSU GE: None  
IGETC: None

**ABE-368A  BEGINNING TYPING - KEYBOARDING I**  
Units: 0  
This course focuses on basic keyboarding skills using a computer. The student will learn all keys on the keyboard by using a computerized exercise program and start assignments in the text.  
Class Hours: Open  
Repeatable: Yes  
Grading: K  
Prerequisite: ESLN Level 3  
CAN: None  
Transfer Status: None  
Degree Applicable: NONC  
COD GE: None  
CSU GE: None  
IGETC: None

**ABE-376A  ADVANCED TYPING - KEYBOARDING I**  
Units: 0  
This course focuses on the proper setup of business letters, memos, reports and tables for students who have learned the typewriter keyboard. The student will also learn vertical and horizontal centering. While learning these typing skills, students will continue to build both speed and accuracy.  
Class Hours: Open  
Repeatable: Yes  
Grading: K  
Prerequisite: ABE-368A and ESLN Level 3  
CAN: None  
Transfer Status: None  
Degree Applicable: NONC  
COD GE: None  
CSU GE: None  
IGETC: None

**ABE-391A  HEALTH ISSUES I**  
Units: 0  
This course provides information on health issues with emphasis on methods for coping and guidelines for planning good health.  
Class Hours: Open  
Repeatable: Yes  
Grading: K  
CAN: None  
Transfer Status: None  
Degree Applicable: NONC  
COD GE: None  
CSU GE: None  
IGETC: None

**ABE-391B  HEALTH ISSUES II**  
Units: 0  
This course provides information on health issues with emphasis on substance abuse, prevention of diseases, and recognition of warning signs.  
Class Hours: Open  
Repeatable: Yes  
Grading: K  
CAN: None  
Transfer Status: None  
Degree Applicable: NONC  
COD GE: None  
CSU GE: None  
IGETC: None

**AGBU-059A  LEADERSHIP**  
Units: 1  
This course emphasizes basic principles of group and personal leadership for students within applied technology areas. Students study parliamentary procedure, organizational structure and meeting formats. Opportunities are provided for students to develop leadership skills, such as planning, communication, facilitation and problem solving through small group and formal meeting settings. In addition, concepts of personal leadership are explored including: mission statements, defining roles, goal setting, time management, weekly planning and self-evaluation.  
Lecture Hours: 18  
Lab Hours: 0  
Repeatable: No  
Grading: L  
Advisory: ENG-050  
CAN: None  
Transfer Status: CSU  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None

**AGBU-059B  CAREERS**  
Units: 1  
This course emphasizes basic methods for enhancing one's success when seeking employment. Students study strategies for locating potential employers, completing applications, preparing resumes and interviewing techniques. Opportunities are provided for students to experience the interview process.  
Lecture Hours: 18  
Lab Hours: 0  
Repeatable: No  
Grading: L  
Advisory: ENG-050  
CAN: None  
Transfer Status: CSU  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None

**AGCHE-001  HORTICULTURE**  
Units: 3  
This course offers an opportunity to learn the basic structure and function of plants, their place in the world of human activity and the methods used to manipulate the botanical world to human advantage. Students can expect to be exposed to plant anatomy, morphology and physiology as well as such practical matters as plant propagation, pruning and fertilization. (Also listed as, and equivalent to, AGPS-005.) Note: This course does not satisfy IGETC Requirement in Area 5-B.  
Lecture Hours: 54  
Lab Hours: 0  
Repeatable: No  
Grading: L  
Prerequisite: ENG-050  
CAN: None  
Transfer Status: CSU/UC  
Degree Applicable: AA/AS  
COD GE: C1  
CSU GE: B2  
IGETC: None

**AGCHE-001L  HORTICULTURE LABORATORY**  
Units: 1  
This laboratory is the companion of AGCHE-001. It is intended to provide an introduction to some biological science procedures as well as direct experience with horticultural operations. Included are plant propagation, pruning, anatomy, morphology, taxonomic keys, transplanting and plant use and pesticides. (Also listed as, and equivalent to, AGPS-005L.) Note: This course does not satisfy IGETC Requirement in Area 5-B.
AGEH-004  TURFGRASS MANAGEMENT  Units: 2
This course introduces the basic turfgrass principles used in the maintenance of turfgrass areas. It covers the major factors in turfgrass management which control the quality of grass. Emphasis is placed on management practices used to produce a good turfgrass area in a desert environment.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ENG-050
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C1  CSU GE: B3  IGETC: None

AGEH-004L TURFGRASS MANAGEMENT LABORATORY  Units: 1
This laboratory is intended to supplement AGEH-004 by providing laboratory and field experiences in turfgrass management subject areas.
Lecture Hours: 0  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: AGEH-004 or concurrent enrollment
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

AGEH-005  ORNAMENTAL PLANT IDENTIFICATION  Units: 3
This course first acquaints the student with the principles of plant taxonomy and the descriptive language necessary to discuss plants accurately. It then goes on to introduce 210 species of perennials, interior plants, vine, ground covers, and succulents for California’s low elevation deserts. Each plant is covered with respect to its identification, growth habits, culture, use and pests.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: ENG-050
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

AGEH-008  LANDSCAPE MANAGEMENT  Units: 3
This course prepares students to enhance the function and aesthetic value of public and private landscapes by applying appropriate management skills and techniques. Topics include planting, pruning, irrigation, soil fertility, turf, pest management, weed control, and landscape management business practices.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: AGEH-001
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

AGEH-009  LANDSCAPE PLANNING AND DESIGN  Units: 3
This course covers skills necessary to analyze human use of outdoor spaces and provide design solutions that best fit people into the developed landscape. Emphasis is placed on residential and commercial properties landscape designs.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: AGEH-001 or AGPS-005
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

AGEH-016  ARBORICULTURE  Units: 2
This course addresses all aspects of tree care. Students learn the morphology, anatomy and physiology of trees. Topics include: plant interactions with soil, air, water, and micro and macro-organisms; human intervention, including pruning, planting, climbing, fertilization, watering, pest control, vandalism and aesthetics. Class instruction prepares students for the International Arborists Certification Exam.
Lecture Hours: 18  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: AGEH-001 or AGPS-005
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

AGEH-020  LANDSCAPE CONSTRUCTION  Units: 2
This course covers the fundamentals of landscape construction, including soil preparation, paving and construction materials, hand and power tool use, turf and plant installation, plan reading, estimating and bid preparation.
Lecture Hours: 18  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: AGEH-001 or AGPS-005
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

AGEH-024  ADVANCED TURFGRASS MANAGEMENT  Units: 3
This course uses the basic principles of turfgrass science learned in the introductory turfgrass management courses; those principles are applied to golf course maintenance procedures. Golf course operational procedures for the desert environment are emphasized.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: AGEH-004
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

AGEH-027  TURFGRASS & LANDSCAPE PEST MANAGEMENT  Units: 3
This course provides current state of the art and science of turfgrass and landscape pest management. The course is designed to provide the student with a comprehensive knowledge of disease, insect, and weed pests. Emphasis is placed on how to identify pests, where and why they occur, the damage that they may cause, life cycles of pests; cultural, chemical and other control measures designed to keep pest damage to a minimum.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None
AGEH-030 LANDSCAPE EQUIPMENT Units: 2
This course covers principles and practices in the maintenance, operation and selection of equipment and power units used in the horticultural field.
Lecture Hours: 18 Lab Hours: 54 Repeatable: No Grading: L
Prerequisite: ENG-050 CAN: None
Transfer Status: CSU Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

AGEH-033 GOLF CAR MAINTENANCE Units: 2
Preventive maintenance of golf cars will be studied with an emphasis on batteries and electric switches. Laboratory experience in the maintenance of both electric and gasoline golf cars is included.
Lecture Hours: 18 Lab Hours: 54 Repeatable: No Grading: L
Prerequisite: ENG-050 CAN: None
Transfer Status: CSU Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

AGEH-034 GOLF COURSE MANAGEMENT Units: 3
This course involves the maintenance and operation of golf courses. It includes the study of equipment, scheduling of maintenance, and directing the staff in the maintenance of golf courses. Heavy emphasis is placed in developing a basic understanding of the turfgrass principles required to produce a championship golf course.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050 CAN: None
Transfer Status: CSU Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

AGEH-035 INTRODUCTION TO WATER SYSTEMS TECHNOLOGY Units: 3
A basic course in water distribution and treatment covering water quality control practices, water sources, public health aspects of water treatment, filtration, corrosion and disinfection, water system operation and maintenance, valve pipes, pumps and meters. The materials covered in this course will be helpful to those preparing for a D-1 and D-2 Water Distribution Operator’s Certificate Examination given by the State of California.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050 CAN: None
Transfer Status: None Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

AGEH-046 LANDSCAPE IRRIGATION SYSTEMS Units: 2
This course provides the students with information necessary to design, install, and maintain landscape irrigation systems. Plan reading, design, materials, equipment, installation, troubleshooting, and cost estimating are addressed.
Lecture Hours: 36 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050 and MATH-057 CAN: None
Transfer Status: CSU Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

AGEH-046L LANDSCAPE IRRIGATION SYSTEMS LABORATORY Units: 1
This laboratory is intended to supplement the Landscape Irrigation Systems course (AGEH-046) by providing laboratory and field experiences in landscape irrigation subject areas.
Lecture Hours: 0 Lab Hours: 54 Repeatable: No Grading: L
Prerequisite: AGEH-046 or concurrent enrollment CAN: None
Transfer Status: CSU Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

AGPS-001 SOILS AND PLANT NUTRITION Units: 4
This lecture and laboratory course covers soil derivation, classification, texture, structure, water movement and measurement, organic matter, microorganisms, sampling techniques, pH, salinity, reclamation and tillage. Also included are soil survey reports and maps, basic soil chemistry, essential plant nutrients, soil analysis, and fertilizers.
Lecture Hours: 54 Lab Hours: 54 Repeatable: No Grading: L
Prerequisite: ENG-050 and MATH-057 CAN: AG 14
Transfer Status: CSU/UC Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

AGPS-002 ENTOMOLOGY-GENERAL AND APPLIED Units: 4
This course is a study of insects including external and internal structures, major life systems, growth and development, classification, ecology, behavior, economic importance, and an overview of pest management. Suggested for Biological Science General Education Requirements.
Lecture Hours: 54 Lab Hours: 54 Repeatable: No Grading: L
Prerequisite: ENG-050 Advisory: RDG-050 CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS COD GE: C1 CSU GE: B2, B3 IGETC: 5B

AGPS-005 PLANT SCIENCE Units: 3
This course offers an opportunity to learn the basic structure and function of plants, their place in the world of human activity and the methods used to manipulate the botanical world to human advantage. Students can expect to be exposed to plant anatomy, morphology and physiology as well as such practical matters as plant propagation, pruning and fertilization. (Also listed as, and equivalent to, AGEH-001.)
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050 CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS COD GE: C1 CSU GE: B2 IGETC: 5B

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AGPS-005L  PLANT SCIENCE LAB  Units: 1
This laboratory is the companion of AGPS-005. It is intended to provide an opportunity to practice the methods and techniques presented with an emphasis on the specifics of modulating and fixed operation of condensers within the refrigeration system. Basic types of compressors are introduced. This course covers state and federal laws regulating the use of pesticides and prepares students to take California's Certified Applicator examinations. Proper and safe methods of applying agricultural chemicals are discussed, along with procedures for calculating the amount of material needed. In addition, students study alternative pest control methods.
Lecture Hours: 36  Lab Hours: 0  Repeatable: No  Grading: L
Advisory: Concurrent enrollment or prior completion of AGPS-005
CAN: None
Transfer Status: CSU/UC
Degree Applicable: AA/AS
COD GE: C1  CSU GE: B3  IGETC: 5B

AGPS-032  PESTICIDE LAWS & REGULATIONS  Units: 2
This course introduces basic theory of electricity and electronics, including basic theory of electricity and electronics, skills needed to install and service electrical circuits of air conditioning and refrigeration systems. Also, components and symbols, wiring diagrams and wiring diagram exercises are included.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: ENG-050, MATH-057 & concurrent enrollment in ACR-060
CAN: None
Transfer Status: None
Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

AIR CONDITIONING/HVACR

ACR-060  AIR CONDITIONING/REFRIGERATION I  Units: 3
This course introduces students to the mechanical refrigeration cycle and its components. The use of specialized tools, instruments and service procedures for installation, maintenance and repair of air conditioning and refrigeration equipment are also covered.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: ENG-050, MATH-057 & concurrent enrollment in ACR-064
CAN: None
Transfer Status: None
Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ACR-061  AIR CONDITIONING/REFRIGERATION II  Units: 3
Basic types of compressors are introduced. This course covers operation of condensers within the refrigeration system. Basic evaporation process is studied. Metering devices are included with an emphasis on the specifics of modulating and fixed orifice controls. Laboratory experience provides the student an opportunity to practice the methods and techniques presented in the classroom.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: ENG-050, MATH-057, ACR-060, and ACR-064
CAN: None
Transfer Status: None
Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ACR-062  AIR CONDITIONING III  Units: 3
This course covers air conditioning controls, refrigeration cycle accessories, heat pump theory, defrost, troubleshooting heat pumps, troubleshooting residential cooling system, evaporative cooling, air duct sizing and venting.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Advisory: ACR-061
CAN: None
Transfer Status: None
Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ACR-063  AIR CONDITIONING IV  Units: 3
This course emphasizes air properties (psychrometrics) and air measurements, air conditioning tune-up, troubleshooting air conditioning systems, compressor and condenser replacement and charging procedures.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Advisory: ACR-061
CAN: None
Transfer Status: None
Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ACR-064  AIR CONDITIONING/REFRIGERATION ELECTRICITY I  Units: 3
This course introduces basic theory of electricity and electronics, skills needed to install and service electrical circuits of air conditioning and refrigeration systems. Also, components and symbols, wiring diagrams and wiring diagram exercises are included.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: ENG-050, MATH-057 & concurrent enrollment in ACR-060
CAN: None
Transfer Status: None
Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ACR-065  AIR CONDITIONING/REFRIGERATION ELECTRICITY II  Units: 3
This course introduces the procedures, techniques and instruments utilized for troubleshooting the motors, circuitry and control elements for air conditioning and refrigeration equipment. Variations in control systems, including solid state, are described and analyzed.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: ENG-050, MATH-057, and ACR-064
CAN: None
Transfer Status: None
Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ACR-066  AIR CONDITIONING LOAD ESTIMATING  Units: 1
This course presents techniques for determining heating and cooling loads on residential and light commercial buildings. Industry accepted ACCA, Manual J for residential load estimating and the ACCA, Manual N for commercial load estimating with the appropriate forms are used.
Lecture Hours: 18  Lab Hours: 0  Repeatable: No  Grading: L
CAN: None
Transfer Status: None
Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None
ALCOHOL & DRUG STUDIES

**HSAD-001 INTRODUCTION TO ALCOHOL/DRUG STUDIES**
Units: 3

This is a survey course that examines, interprets and evaluates the significant terms and definitions used in the study of drugs, addiction and alcoholism as a family affair. It looks at the causes and consequences of alcohol/drug use and abuse (i.e. psychological, sociological, physiological, economic, and political), as well as the myths, images and stereotypes of substance abuse and substance users. It examines the modalities utilized in education, prevention, intervention, treatment, recovery, and relapse. This is the basic prerequisite for the Alcohol and Drug Studies Certificate.

Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L

**Prerequisite:** ENG-050
   CAN: None
   Transfer Status: CSU Degree Applicable: AA/AS
   COD GE: None CSU GE: None IGETC: None

**HSAD-002 INTRODUCTION TO HUMAN SERVICES COUNSELING**
Units: 3

This is an intensive, exploratory, communication/counseling course that introduces the student to the principles, strategies and practices of helping skills as useful tools. Through the use of problem solving simulation, the student learns how to support coping skills in a client. This is a required course for the Alcohol and Drug Studies Certificate.

Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L

**Prerequisite:** ENG-050
   CAN: None
   Transfer Status: CSU Degree Applicable: AA/AS
   COD GE: None CSU GE: None IGETC: None

**HSAD-004 PERSONAL AND PROFESSIONAL GROWTH**
Units: 2

This course covers the professional aspects of alcohol and drug counseling as a career. It deals with such problematic areas as burnout, recovery, certification and credential requirements, professional associations and personal and professional growth.

Lecture Hours: 36 Lab Hours: 0 Repeatable: No Grading: L

**Prerequisite:** ENG-050 Corequisite: HSAD-001 or prior completion
   CAN: None
   Transfer Status: CSU Degree Applicable: AA/AS
   COD GE: None CSU GE: None IGETC: None

**HSAD-020 BIOMEDICAL-PHARMACOLOGY**
Units: 3

This course investigates the effects of alcohol and drugs on human behavior. Models and biomedical principles of the disease process and treatment are presented. Interpretations and evaluations of the strategies utilized in recovery by various treatment modalities are studied. This is a required course for the Alcohol and Drug Studies Certificate.

Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L

**Prerequisite:** ENG-050 Corequisite: HSAD-001 or prior completion
   CAN: None
   Transfer Status: CSU Degree Applicable: AA/AS
   COD GE: None CSU GE: None IGETC: None

**HSAD-022 CASE MANAGEMENT**
Units: 3

This course presents case management from the initial intake and assessment of an individual, to recovery planning, record keeping, aftercare, follow-up and referral. This is a required course for the Alcohol and Drug Studies Certificate.

Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L

**Prerequisite:** HSAD-002
   CAN: None
   Transfer Status: CSU Degree Applicable: AA/AS
   COD GE: None CSU GE: None IGETC: None
HSAD-024 LAW AND ETHICS: COMMUNITY RESOURCES Units: 3
This course is the study, interpretation, and practice of legal and ethical responsibilities and liabilities encountered when providing and utilizing human services. Special focus is placed on privileged relationships, counseling, and confidentiality. It also deals with community agencies responsible for outreach, education, and referrals. This is a required course for the Alcohol and Drug Studies Certificate.

Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050 Corequisite: HSAD-001 or prior completion CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

HSAD-030 INDIVIDUAL, GROUP, AND FAMILY COUNSELING Units: 3
This is a survey course that addresses the differences and similarities of individual and group counseling with special emphasis on the functional alcohol/drug family situations. It traces the development of individual and group counseling and explores its dynamics. It interprets and assesses the impact on individuals and on their relationships. In addition, it interprets and assesses the impact on society and on its institutions. Practical strategies and experiential exercises are utilized. Skills development in counseling the family unit is addressed. This is a required course for the Alcohol and Drug Studies Certificate.

Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050 Corequisite: HSAD-001 or prior completion CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

HSAD-032A SUPERVISED PRACTICUM I Units: 2
This course gives direction, interpretation, guidance, and evaluation to assist the student in making the transition from the college to job placement via the Supervised Practicum I (HSAD-033A). Values, knowledge, and skills applied in the practical setting are essential to professional dependency counseling. Special attention is given to individual, group, and family approaches to counseling. This is a required course for the Alcohol and Drug Studies Certificate.

Lecture Hours: 36 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: Eight (8) HSAD core courses Corequisite: HSAD-033A CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

HSAD-032B SUPERVISED PRACTICUM II Units: 2
This course concludes the work begun in Supervised Practicum I (HSAD-032A). This is a required course for the Alcohol and Drug Studies Certificate.

Lecture Hours: 36 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: HSAD-032A Corequisite: HSAD-033B CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

HSAD-033A SUPERVISED INTERNSHIP I Units: 3
This course is a supervised fieldwork internship that actively involves students at a supervised chemical dependency service site. Students apply and integrate the values, knowledge, and skills learned in the classroom through direct, hands-on experience in the area of chemical dependency counseling. Special attention is given to individual, group, and family counseling. This is a required course for the Alcohol and Drug Studies Certificate.

Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: Eight (8) HSAD core courses Corequisite: HSAD-032A CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

HSAD-033B SUPERVISED INTERNSHIP II Units: 3
This course concludes the field work begun in Supervised Internship I (HSAD-033A). This is a required course for the Alcohol and Drug Studies Certificate.

Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: HSAD-033A Corequisite: HSAD-032B CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

HSAD-034 DUAL DIAGNOSIS Units: 3
This course prepares the student to meet the challenge to mental health workers and substance abuse counselors in dealing with clients who have psychiatric disorders coexisting with drug dependency. The focus is on the diagnosis, assessment, treatment and aftercare of such clients. This is a required course for the Alcohol and Drug Studies Certificate.

Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050 Corequisite: HSAD-033A CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

HSAD-036 COUNSELING DIVERSE POPULATIONS Units: 3
This is a counseling course that introduces the student to population subgroups and unique helping skills used to support diverse populations. The course surveys the history of underrepresentation of each subgroup and describes current challenges for counselors.

Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Advisory: ENG-050 CAN: None
Transfer Status: None Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None
AMERICAN SIGN LANGUAGE

ASL-001 ELEMENTARY AMERICAN SIGN LANGUAGE

This course presents the fundamentals of American Sign Language in a fast-paced intensive method. ASL is a language that requires visual and manual dexterity skills. Students learn basic grammar and vocabulary of ASL while completing readings on the history of the Deaf from ancient times to current. History’s impact on modern American Deaf culture and education is explored. Lectures are primarily conducted in ASL. Completion of ASL-001A and ASL-001B is equivalent to ASL-001.

Prerequisite: ASL-001A or ASL-001B or 2 years of high school ASL

Lecture Hours: 90 Lab Hours: 18 Repeatable: No Grading: L
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3 CSU GE: C2 IGETC: 6A

ASL-002 ELEMENTARY AMERICAN SIGN LANGUAGE

This course continues to develop material introduced in ASL-001. Increasingly complex grammar and vocabulary are introduced. Culturally appropriate language structures are taught in various contexts. Students examine potential sources of cross-cultural communication. ASL’s historic and contemporary importance to Deaf culture is studied. Completion of ASL-002A and ASL-002B is equivalent to ASL-002.

Prerequisite: ASL-002A or ASL-002B

Lecture Hours: 72 Lab Hours: 18 Repeatable: No Grading: L
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3 CSU GE: C2 IGETC: 6A

ASL-003 INTERMEDIATE AMERICAN SIGN LANGUAGE

This course continues to develop material introduced in ASL-002. Students expand their sign vocabulary and idioms, develop normal conversational speed, express and receive complex ASL sentences, comprehend ASL narratives and literature, increase Deaf culture awareness through the study of Deaf cultural texts and other concepts.

Prerequisite: ASL-002

Lecture Hours: 72 Lab Hours: 18 Repeatable: No Grading: L
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3 CSU GE: C2 IGETC: 3B*, 6A*

ASL-004 INTERMEDIATE AMERICAN SIGN LANGUAGE

This course continues to develop material introduced in ASL-003. Students demonstrate mastery of ASL vocabulary, complex ASL sentences and fingerspelled loan signs. Students attain conversational speed in fingerspelling. Students under-stand, examine and discuss ASL literature. Sensitivity to Deaf cultural issues will be extended through the study of Deaf cultural texts and related concepts. The ability to navigate Deaf culture will be demonstrated in the classroom and the Deaf community.

Prerequisite: ASL-003

Lecture Hours: 72 Lab Hours: 18 Repeatable: No Grading: L
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3 CSU GE: C2 IGETC: 3B*, 6A*
ANTHROPOLOGY

ANTH-001 INTRODUCTION TO PHYSICAL ANTHROPOLOGY  Units: 3
This course is a study of the origins of humans and their place in nature. Topics emphasized include the mechanisms of biological evolution, the physical form and behavior of the nonhuman primates, the fossil record of early humans and our current racial variability.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050
COD GE: C1, C5  CSU GE: B2  IGETC: 5B

ANTH-002 CULTURAL ANTHROPOLOGY  Units: 3
This course is a topical introduction to the cross-cultural study of human societies. Among the topics discussed are food-getting practices, marriage customs, kinship systems, social organization and supernatural beliefs. Also emphasized are theories of culture and the nature of cultural change.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050
COD GE: C2, C5  CSU GE: D1  IGETC: 4A

ANTH-003 ARCHAEOLOGY, AN INTRODUCTION TO PREHISTORY  Units: 3
This course is an introduction to human prehistory spanning the period from the earliest toolmakers to the recent past. It describes and explains human cultural developments from data collected on all continents. The tools, techniques and methodologies of archaeological investigations are examined and evaluated.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050
COD GE: C2  CSU GE: D1  IGETC: 4A

ANTH-004 PREHISTORY & ETHNOGRAPHY  Units: 3
This course is a survey of the native peoples and cultures of Southern California from the earliest evidence of their archaeological remains to the present. Topics explored include aspects of technology, subsistence, land use, social and political organization, religion and the historic impact on these groups by non-Indians. Ethnographic accounts written by Cahuilla, Serrano, Juaneño, Luiseno, Diegueno, Mojave and Colorado River Tribes are examined.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Advisory: ENG-050 and RDG-051
COD GE: C2, C5  CSU GE: None  IGETC: None

ARCHITECTURE

ARCH-001 INTRODUCTION TO ARCHITECTURAL PROFESSIONS  Units: 3
This course provides students with an overview of professional occupations in Architecture, Construction Management, Building Inspection Technology, City and Regional Planning, Architectural Engineering and Landscape Architecture.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050
COD GE: None  CSU GE: None  IGETC: None

ARCH-002 MATERIALS OF CONSTRUCTION  Units: 4
This course is an introduction to construction materials and processes. Lab demonstrations in construction techniques and field trips to construction sites will be utilized to assist students' understanding of construction principles and practices. Emphasis on the selection of materials in a design context will help develop students' spatial and three dimensional skills.
Lecture Hours: 54  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ENG-050
COD GE: None  CSU GE: None  IGETC: None

ARCH-003A ARCHITECTURAL PRACTICE I  Units: 3
This is an introductory course in wood construction methods and processes. It focuses on the use of drafting tools, office equipment and references to assist in selection and drawing of architectural details, including foundation, floors, walls and roofs.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: DRA-001
Advisory: ARCH-002
COD GE: None  CSU GE: None  IGETC: None

ARCH-003B ARCHITECTURAL PRACTICE II  Units: 3
This is an advanced drafting course for Architecture, Construction Management and Architectural Engineering majors. It is a comprehensive study of the development of construction documents. It is a continuation of the content and issues introduced in ARCH-003A, plus the systems and integration of CAD technology used to document 2-dimensional designs, i.e.: site plan, floor plans, exterior elevations, roof plan, sections and architectural details.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ARCH-003A
Advisory: Concurrent enrollment in DRA-008
COD GE: None  CSU GE: None  IGETC: None
ARCH-005  INTRODUCTION TO DRAWING AND PERSPECTIVE  Units: 2
This course is an introduction to basic techniques used for graphic communication in the design professions. It includes the study of orthographic and isometric projections, mechanical and freehand perspectives, shading, shadows and reflection.
Lecture Hours: 0  Lab Hours: 108  Repeatable: No  Grading: L
Prerequisite: ARCH-003A
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ARCH-006  ARCHITECTURAL DELINEATION  Units: 2½
This course is a continuation of ARCH-005. It focuses on drawing and sketching as a communication tool in the field of environmental design. Student development of basic skills in architectural illustration and proper use of various drawing media are emphasized.
Lecture Hours: 18  Lab Hours: 81  Repeatable: No  Grading: L
Prerequisite: ARCH-005
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ARCH-008  ARCHITECTURAL DESIGN FUNDAMENTALS I  Units: 3
This course is an introductory study of design problems in three dimension. The concept of space, form, structure, color and materials are studied in addition to the universal principles common to all design disciplines. This course focuses on the analysis of design techniques, and exercises to develop students' skills. Required for all Environmental Design majors.
Lecture Hours: 18  Lab Hours: 108  Repeatable: No  Grading: L
Prerequisite: ARCH-003A
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ARCH-009  ARCHITECTURAL DESIGN FUNDAMENTALS II  Units: 3
This is the second in a three-semester sequence of design courses. This course is a case-study application of design theories of the 20th Century and their impact on contemporary spatial and conceptual ideas permeating architecture, art and the environment.
Lecture Hours: 18  Lab Hours: 108  Repeatable: No  Grading: L
Prerequisite: ARCH-008
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ARCH-010  ENVIRONMENTAL CONTROL SYSTEMS  Units: 3
This course is an introduction to the physical relationships between people and their environment. It includes a study of the physical phenomena of heat, light, and sound. This course also examines the climatological relationship between vernacular building solutions and the natural conditioning systems of architecture.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ARCH-002
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ARCH-011  ARCHITECTURAL BLUEPRINT READING  Units: 3
This course is a study of basic information for reading blueprints and construction drawings. It is designed for those who must assimilate information found in working drawings and specifications.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050  Advisory: DRA-001
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ARCH-014  HISTORY OF ARCHITECTURE I  Units: 3
This is an introductory course in the history of architecture. It examines Western ideals from the beginning of time to Classical Greece and Rome. The course covers architecture from the birth of Christianity and the Age of Reason, through the discovery of the New Worlds and periods of transition to Modernism and Post-Modernism, to the present.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C5  CSU GE: C1  IGETC: None

ARCH-017  ARCHITECTURAL DESIGN FUNDAMENTALS III  Units: 3
This is the final course in a three-semester design series. It focuses on the application of both theoretical and environmental issues involved in the Student Design Competitions. Students study site and environmental issues and architectural programming as design stimulus.
Lecture Hours: 18  Lab Hours: 108  Repeatable: No  Grading: L
Prerequisite: ARCH-009 and ARCH-010
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None
ART

ART-001A BEGINNING DRAWING AND COMPOSITION Units: 3

This course is an introduction to the fundamentals of drawing and composition. Through hands-on assignments, drawing techniques covered include traditional approaches of line application, charcoal shading and ink wash techniques. Throughout the course, emphasis is placed on the use of basic visual elements and organizational principles of compositional structure. These techniques enable the student to communicate visual images as creative statements.

Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-001B INTERMEDIATE TO ADVANCED DRAWING AND COMPOSITION Units: 3

This is an intermediate to advanced course in the methods of drawing and composition with an emphasis on the use of color. Students build on beginning level skills through a continued study of traditional drawing approaches and are then introduced to intermediate through advanced drawing problems. An emphasis on experimental applications with color media such as pen and inks, dry and oil pastel, oil stick, colored pencil and mixed media occurs. Focus is on the development of images that are created through the use of intermediate to advanced applications of technical processes, color theory use and compositional structure. Historical applications of drawing and different conceptual approaches to the mark making process are studied. Under faculty guidance, students develop a pictorial series resulting in a personal portfolio that reflects their individual expression. May be taken for a total of three times.

Lecture Hours: 36  Lab Hours: 54  Repeatable: 2  Grading: L
Prerequisite: ART-001A
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-002A HISTORY OF ART Units: 3

This survey course examines the art of the ancient world. Slide illustrated lectures and videotapes are used in the study of the architecture, sculpture, painting, and other visual art forms of prehistoric and primitive peoples, as well as the art of the Ancient Near East, Egyptian, Aegean, Greek, Etruscan, Roman, Early Christian and Byzantine cultures.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050
CAN: ART 2; ART SEQ A = ART 2A + 2B
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3, C5  CSU GE: C1  IGETC: 3A

ART-002B HISTORY OF ART Units: 3

This survey course examines the art of the Western World from the Early Middle Ages through the Baroque era. Illustrated lectures and videotapes are used in the study of the architecture, sculpture, painting and other visual art forms of the Early Medieval, Romanesque, Gothic, Late Gothic, Early and High Renaissance, Northern Renaissance, Mannerist, Baroque and Rococo periods.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050
CAN: ART 4; SEQ A = ART 2A + 2B
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3, C5  CSU GE: C1  IGETC: 3A

ART-002C HISTORY OF MODERN ART Units: 3

The art of Europe and America from the nineteenth century to the present is examined in this course. Illustrated lectures on significant movements in painting, sculpture, and architecture of this period include: Romanticism, Realism, Impressionism, Expressionism, Cubism, Dadaism, Surrealism, Abstract Expressionism, Pop Art, and contemporary directions.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3  CSU GE: C1  IGETC: 3A

ART-002D HISTORY OF POSTMODERN ART (Art Since 1960) Units: 3

This course examines the art of Europe and America from 1960 to the present. Illustrated lectures and on-site viewing of art works focus on significant movements in painting, sculpture, and architecture of this period which include Pop Art, Op Art, Earth Works, Performance Art, Graffiti Art, Installation Art, Conceptual Art, Environmental Art, New Realism, ethnicity and gender issues.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Advisory: ENG-050
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3  CSU GE: C1  IGETC: 3A

ART-003A BASIC DESIGN AND COLOR Units: 3

This course is an introduction to the fundamentals of two dimensional design. Through hands-on assignments, various traditional and contemporary design techniques are covered which include the use of pencil, paper and paint. Mixed media applications are introduced at the end of the course. Throughout the course, emphasis is placed on the study and use of basic visual elements of line, shape, texture, space, time and color theory and on organizational principles of compositional structure and concept development. These techniques enable the students to gain experience in organizing their thoughts in solving design problems and to communicate visual images as creative statements.

Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ART 14
CAN: ART 1
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3  CSU GE: C1  IGETC: None
ART-004  THREE-DIMENSIONAL DESIGN  Units: 3
This course investigates the factors determining the designs of both utilitarian and non-utilitarian objects. Through a study of mass, volume, space and shape, students gain experience solving three-dimensional design problems. A variety of materials are studied through projects in construction, modeling and casting. This course is offered in Spring semester only.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
CAN: ART 16
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-005A  LIFE DRAWING  Units: 3
This is a basic course in the study of the human figure from a model. Composition and expressive aspects of gesture, weight, and line are investigated through pencil and charcoal exercises.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: ART-001A and/or ART-003A
CAN: ART 24
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-005B  INTERMEDIATE TO ADVANCED LIFE DRAWING
This is an intermediate to advanced course in the study of the human figure from a model. Students explore a variety of drawing materials and techniques leading toward personal growth and style. May be taken for a total of three times.
Lecture Hours: 36  Lab Hours: 54  Repeatable: 2  Grading: L
Prerequisite: ART-005A
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-006  INTERMEDIATE TO ADVANCED DESIGN AND COLOR
This is an intermediate to advanced course in the methods and applications of color and design. After further study of basic design and color approaches, students then develop images that are created through the use of progressive applications of color theory and compositional structure. Multiple types of water based media, the use of collage and mixed media applications are investigated. An introduction to book arts is explored through altered books, accordion fold variations and basic book structures. Students develop a personal portfolio that reflects their individual expression. May be taken for a total of three times.
Lecture Hours: 36  Lab Hours: 54  Repeatable: 2  Grading: L
Prerequisite: ART-003A
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-007A  BEGINNING CERAMICS  Units: 3
This course explores the basic techniques of the ceramic art form. It includes hand building and throwing on the potter’s wheel. Emphasis is on the understanding of the media of clay, the appreciation of basic ceramic forms, basic glazing techniques, and the development of personal expression.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ART-007A
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3,C5  CSU GE: None  IGETC: None

ART-007B  INTERMEDIATE CERAMICS  Units: 3
This course expands student knowledge and expertise in the technologies of the ceramic art form. Students study intermediate pottery forming techniques, glaze formulation and glaze making, kiln loading and firing techniques, intermediate pottery decoration and embellishing techniques. The student has an opportunity to further explore his/her personal creative style.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ART-007A
CAN: ART 6 + ART 7A + 7B
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-007C  ADVANCED CERAMICS I  Units: 3
This course provides an opportunity for intermediate to advanced ceramic students to work in specific areas of ceramics. Students study advanced pottery forming techniques, glaze formulation and glaze making, kiln loading and firing techniques, advanced pottery decoration and embellishing techniques. The student has an opportunity to further explore his/her personal creative style.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ART-007B
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-007D  ADVANCED CERAMICS II  Units: 3
In this course students have the opportunity to perfect their personal creative ceramic making styles. This course provides an opportunity for advanced students to work in specific areas of ceramics. Students study advanced pottery forming techniques, glaze formulation and making, kiln loading and kiln firing techniques, advanced pottery decoration and embellishing techniques.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ART-007C
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-007F  BEGINNING RAKU CERAMICS  Units: 3
This course explores the rich cultural philosophies of the Japanese and American Raku ceramic art form. Students study the Raku firing process and how it differs between Japanese and American cultures, the Raku kiln loading and firing techniques, and the Raku glaze formulating and embellishing techniques. Students study the Japanese Tea ceremony as it relates to the art of Raku. The student has an opportunity to explore his/her personal creative style.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ART-007A
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3,C5  CSU GE: None  IGETC: None
ART-007G  BEGINNING CERAMICS
CRYSTAL GLAZES
This course explores the history and formation of crystalline glazes on porcelain clay bodies. Students create forms with porcelain clay and develop and apply crystal glazes in a variety of kiln atmospheres and temperatures. Students enhance their own personal creative style.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ART-007A
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-007H  INTERMEDIATE TO ADVANCED CERAMICS CRYSTAL GLAZES
In this course students build on skills learned in the Crystal Glaze class. This course further explores the history and development of crystalline ceramic forms with variety of porcelain clay bodies. Students create complex forms and develop and apply crystal glazes in a variety of kiln atmospheres and temperatures. This course also explores the use of after-firing techniques such as the use of lusters, horsehair, and fuming. Students further enhance their own personal creative style. May be taken a total of three times.
Lecture Hours: 36  Lab Hours: 54  Repeatable: 2  Grading: L
Prerequisite: ART-007G
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-007I  INTERMEDIATE TO ADVANCED RAKU CERAMICS
This course allows students to explore primitive firing techniques. Students explore the differences between the primitive firing processes of the Japanese, Native American, and contemporary Eastern and Western cultures. Advanced Raku kiln loading and firing techniques, together with the rich cultural philosophies of the Japanese and American Raku ceramic art forms are also studied. Students further explore their personal creative style. May be taken for a total of three times.
Lecture Hours: 36  Lab Hours: 54  Repeatable: 2  Grading: L
Prerequisite: ART-007F
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-009A  BEGINNING PRINTMAKING
Units: 3
This course introduces basic hand processes in printmaking by exploring the four traditional categories: relief, intaglio, stencil, and planograph. Students are introduced to these four categories by hands-on assignments. Students study the history of printmaking and explore contemporary photo printmaking and non-toxic printmaking processes. Emphasis is placed on composition theory, print quality, and concept. These techniques enable the student to communicate visual images as creative statements.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
CAN: ART 20 = ART 9A + 9B
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-009B  INTERMEDIATE TO ADVANCED PRINTMAKING
Units: 3
In this course students build on skills learned in the Beginning Printmaking course. Students create prints using more complex and more technically involved processes. Focus is on edition printing skills, work in series, and multiple color work. With faculty guidance, students develop personal imagery utilizing one or more of the hand printmaking processes. This course may be taken for a total of three times.
Lecture Hours: 36  Lab Hours: 54  Repeatable: 2  Grading: L
Prerequisite: ART-009A
CAN: ART 20 = ART 9A + 9B
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-010  INTRODUCTION TO ART
Units: 3
This course is an introduction to problems, techniques and social forces that shape and reflect our visual world. Emphasis is placed on gaining insights and developing an understanding of the variables inherent in planning, organizing, and making a work of art.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3,C5  CSU GE: C1  IGETC: 3A

ART-011A  SCULPTURE
Units: 3
This is a basic course in the principles, theories and techniques of sculpture. Students explore three-dimensional forms with a variety of materials and techniques. Additive, subtractive, and assemblage formats are explored.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: ART-004
CAN: ART 12
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-011B  SCULPTURE
Units: 3
This is an intermediate course in the principles, theories, and techniques of sculpture. Students explore three-dimensional forms with an emphasis in the additive process and mold making.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ART-011A
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-011C  SCULPTURE
Units: 3
This is an advanced course in the principles, theories, and techniques of sculpture. Students explore three-dimensional forms with an emphasis in the subtractive process.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ART-011B
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None
ART-011D  SCULPTURE  Units: 3
This course offers special studies of advanced sculptural problems. Student assignments encourage creativity through individual expression and portfolio development.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ART-011C
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-014A  BEGINNING SCREEN PRINTING  Units: 3
This is an introductory course in screen printing. Basic silkscreen printing techniques are studied, including stencil formation, edition printing, and various substrate concerns. Class work focuses on attaining competence in direct screen printing processes. Emphasis is placed on composition theory, print quality, concept, and design throughout the course. These techniques enable the student to communicate visual images as creative print statements. Basic drawing skills are recommended.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-014B  INTERMEDIATE TO ADVANCED SCREEN PRINTING  Units: 3
This is an intermediate to advanced course in the study of screen printing. Students study a variety of stencil techniques, materials, and equipment. Students build competence in screen printing skills and aesthetics. With faculty guidance, mastering these skills will lead towards development of personal style. May be taken for a total of three times.
Lecture Hours: 36  Lab Hours: 54  Repeatable: 2  Grading: L
Prerequisite: ART-014A
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-018  INTRODUCTION TO ART AND MUSIC  Units: 3
Students examine parallels in ideas and organizational methods found in art and music of the Western World. A comparison is made of major developments of styles with an emphasis on the roles of the visual and aural arts in society from the Middle Ages to the present. (Also listed as, and equivalent to, HUM-018 and MUS-018.)
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: C3  CSU GE: C1  IGETC: 3A

ART-018A  BEGINNING PAPERMAKING  Units: 3
This course in two and three dimensional papermaking compares Eastern and Western papermaking techniques and their cultural influences. Students explore different technical methods and philosophical approaches of hand papermaking leading to uses of the medium as an art form.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: C3,C5  CSU GE: None  IGETC: None

ART-018B  INTERMEDIATE TO ADVANCED PAPERMAKING  Units: 3
This course continues with Eastern and Western multi-cultural aspects of papermaking techniques. Instruction is given to encourage development of a personal style reflecting either an Eastern or Western technique in hand papermaking and aesthetic perspective. An emphasis on hand papermaking as an art form focuses on Eastern philosophy and Western culture. Historical applications of hand papermaking and the book are studied. May be taken for a total of three times.
Lecture Hours: 36  Lab Hours: 54  Repeatable: 2  Grading: L
Prerequisite: ART-018A
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-020A  BEGINNING CERAMIC SCULPTURE  Units: 3
This course explores the basic techniques of the ceramic sculptural art form. Emphasis is on the understanding of the medium of clay, the appreciation of the basic ceramic sculpture modeling processes and glazing techniques. The students will also begin to explore their own personal expression in clay.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: ART-007A
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-020B  INTERMEDIATE TO ADVANCED CERAMIC SCULPTURE  Units: 3
This course expands student knowledge and expertise in the technologies of the ceramic sculpture art form. Students will further study ceramic sculpture modeling techniques, and embellishing techniques. Glaze formulation and glaze application, combined with kiln loading and firing techniques will also be explored. With faculty guidance, students move toward development of a personal creative style. Students will be expected to develop a stronger critique and problem-solving process. May be taken for a total of three times.
Lecture Hours: 36  Lab Hours: 54  Repeatable: 2  Grading: L
Prerequisite: ART-020A
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None
ART-021A  PAINTING/BEGINNING WATERCOLOR  Units: 3

This course is an introduction to the fundamentals of transparent watercolor painting. Through hands-on assignments, painting techniques covered include traditional applications of wash, wet-in-wet, direct painting and layering techniques. Throughout the course, emphasis is placed on the use of basic visual elements, organizational principles of compositional structure, color theory and concept development. These techniques enable the student to communicate visual images as creative statements. Historical applications of watercolor techniques and different conceptual approaches to painting are studied. Basic drawing skills are recommended.

Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: ART-001A or ART-003A
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-021B  PAINTING/INTERMEDIATE TO ADVANCED WATERCOLOR  Units: 3

This is an intermediate to advanced course in the methods of transparent, opaque and mixed media watercolor painting. Students build on skills learned in the Beginning Watercolor Painting course through continued study of traditional watercolor painting approaches. Students are then introduced to advanced and experimental applications in water media along with collage techniques. Focus is on the development of images that are created through the use of intermediate to advanced applications of technical processes, color use and compositional structure. Under faculty guidance, students develop a pictorial series resulting in a personal portfolio that reflects their individual expression. May be taken for a total of three times.

Lecture Hours: 36  Lab Hours: 54  Repeatable: 2  Grading: L
Prerequisite: ART-021A
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-023A  PAINTING/BEGINNING OIL  Units: 3

This course is an introduction to the fundamentals of oil painting. Through hands-on assignments, painting techniques covered include traditional approaches of opaque, transparent, under and over painting, palette knife and wet-on-wet painting. Using quick oil sketches throughout the course, emphasis is placed on the use of basic visual elements, organizational principles of compositional structure, color theory and concept development. These techniques enable the student to communicate visual images as creative statements. Historical applications of oil painting techniques and different conceptual approaches to painting are studied. Basic drawing skills are recommended.

Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: ART-001A or ART-003A
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-023B  PAINTING/INTERMEDIATE TO ADVANCED OIL  Units: 3

This is an intermediate to advanced course in the methods of transparent, opaque and mixed media oil painting. Students build on skills learned in the Beginning Oil Painting course through continued study of traditional oil painting approaches. Students are then introduced to advanced and experimental applications in oil media utilizing alkyds, water miscible oils and oil sticks. Focus is on the development of images that are created through the use of intermediate to advanced applications of technical processes, color use and compositional structure. Under faculty guidance, students develop a pictorial series resulting in a personal portfolio that reflects their individual expression. May be taken for a total of three times.

Lecture Hours: 36  Lab Hours: 54  Repeatable: 2  Grading: L
Prerequisite: ART-023A
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-025A  PAINTING/BEGINNING ACRYLIC  Units: 3

This course is an introduction to the fundamentals of acrylic painting. Through hands-on assignments, painting techniques covered include traditional approaches of opaque, transparent, under and over painting, palette knife and wet-on-wet painting. Throughout the course, emphasis is placed on the use of basic visual elements, organizational principles of compositional structure, color theory and concept development. These techniques enable the student to communicate visual images as creative statements. Historical applications of acrylic techniques and different conceptual approaches to painting are studied. Basic drawing skills are recommended.

Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: ART-001A or ART-003A
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-025B  PAINTING/INTERMEDIATE TO ADVANCED ACRYLIC  Units: 3

This is an intermediate to advanced course in the methods of acrylic painting. Students build on skills learned in the Beginning Acrylic Painting course through continued study of traditional acrylic painting approaches. Students are then introduced to advanced and experimental applications in the use of mixed media with acrylics. The use of gels and mediums, oil stick and oil bars along with a variety of collage techniques are explored. Focus is on the development of images that are created through the use of intermediate to advanced applications of technical processes, color use and compositional structure. Under faculty guidance, students develop a pictorial series resulting in a personal portfolio that reflects their individual expression. May be taken for a total of three times.

Lecture Hours: 36  Lab Hours: 54  Repeatable: 2  Grading: L
Prerequisite: ART-025A
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None
ART-026  GALLERY DISPLAY MANAGEMENT  Units: 3

This course is an introduction in art museum and gallery education. It provides training for those who desire careers in museum education and expertise in the use of museums as education resources for school educators. It also provides basic information for artists who wish to display work in a gallery. The course consists of organizing and designing exhibitions, and the proper caring and handling of works of art.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: ART-010 and ENG-050
CAN: None
Transfer Status: CSU
COD GE: None  CSU GE: None  IGETC: None

ART-030A  BEGINNING BLACK & WHITE PHOTOGRAPHY  Units: 3

This is an introductory course in black and white photography. Basic camera and laboratory techniques are studied, including camera operation, film exposure, film developing, printing, and dry mounting of finished work. Emphasis is placed on composition theory, print quality, concept, and design throughout the course. These techniques enable the student to communicate visual images as creative photographic statements. A 35mm film camera with manually adjustable f-stops and shutter speeds is required.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
CAN: ART 18 = ART 30A + 30B
Transfer Status: CSU/UC
Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-030B  INTERMEDIATE PHOTOGRAPHY  Units: 3

This course integrates digital capture with traditional film processing and printing. In this intermediate level course students strengthen technical skills and further explore photography as a means of creative expression and communication. Students develop a greater mastery of exposure and learn archival printing techniques and professional methods of print presentation. Medium format film cameras, digital SLR cameras, studio lighting, and experimental methods of photographic printing are covered. Print quality, concept, and composition are emphasized throughout the course in both "wet" and "dry" lab environments. A 35mm or larger format film or digital SLR camera with manually adjustable f-stops and shutter speeds is required.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ART-030A, or ART-031, or DDP-031, or permission of instructor based on a portfolio presentation of student's previous work
CAN: ART 18 = ART 30A + 30B
Transfer Status: CSU/UC
Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-030C  ADVANCED PHOTOGRAPHY  Units: 3

This course is designed to further strengthen imaging and printmaking skills and to further explore photography as a means of creative expression and communication. Students develop a greater mastery of exposure and studio lighting techniques. Students explore large format photography and alternative methods of photographic image making and presentation.
Technical comprehension, aesthetic, and conceptual development are stressed equally. A 35mm or larger format film camera or digital SLR camera with manually adjustable f-stops and shutter speeds is required.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ART-030B, or permission of instructor based on a portfolio presentation of student's previous work
CAN: None
Transfer Status: CSU/UC
Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-030D  ADVANCED PHOTOGRAPHY PROJECTS  Units: 3

This course is designed for advanced students who wish to concentrate on an in-depth individual direction. Students explore and combine an aesthetic and expressive use of the photographic medium to complete projects with developed personal statements. At the beginning of the semester, students are required to present a proposal outlining three specific areas of concentration: Theme, Medium, and Techniques. Faculty members monitor student work and students are required to complete a professional portfolio by the end of the semester. Research and summary of applicable reading assignments will accompany the presentation.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ART-030C, or permission of instructor based on a portfolio presentation of student's previous work
CAN: None
Transfer Status: CSU/UC
Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-033  HISTORY OF PHOTOGRAPHY  Units: 3

This course is a history of photography from its beginning in the mid-nineteenth century to the present time. Illustrated lectures on the technology, application and aesthetics of photography as a fine art form include the significant movements and photographers that contributed to the establishment of photography as one of the major forms of art and communication.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050
CAN: None
Transfer Status: CSU/UC
Degree Applicable: AA/AS
COD GE: C3  CSU GE: C1  IGETC: 3A
ART-040  GRAPHIC DESIGN I  Units: 3
Students in this course utilize computers to solve visual communication and design problems using graphic components. Topics covered include typography, logos/mark/symbols/pictographs, corporate identity, graphic techniques (both digital and traditional), introduction to advertising design, digital prepress and press. Adobe Photoshop and Adobe Illustrator software are used to create final images. (Also listed as, and equivalent to, DDP-010.)
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ART-003A or concurrent enrollment
Advisory: CIS-082D (strongly recommended)
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-041  GRAPHIC DESIGN II  Units: 3
Students in this course utilize computers to solve communication and design problems for traditional and new media using graphic, audio, and animation components. Topics covered include traditional and digital typography, animation, motion graphics, sound, new media as communication, non-linear interactive design, and electronic page design. (Also listed as, and equivalent to, DDP-011.)
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ART-040
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ART-097  STUDIO LAB  Units: ½
Lecture Hours: 0  Lab Hours: 27  Repeatable: 3  Grading: K

ART-098  STUDIO LAB  Units: 1
Lecture Hours: 0  Lab Hours: 54  Repeatable: 3  Grading: K
Studio Lab is an open entry/open exit environment designed to develop studio application skills for students in all segments of the art area. Emphasis is on individual studio art applications with time devoted to completing art/lab projects assigned in specific studio art courses. This course may be taken for a total of four times if taken concurrently with a studio art course.
Corequisite: Enrollment in any Art course
CAN: None
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

ASTRONOMY

A-001  DESCRIPTIVE ASTRONOMY  Units: 3
This course is an introductory survey of planetary, stellar and galactic astronomy designed for students not majoring in science. This course reviews research techniques, current knowledge and theory about the planets, stars, galaxies and the age and origin of the universe.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Advisory: ENG-051 and MATH-040
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C1  CSU GE: BI  IGETC: 5A

A-001L  DESCRIPTIVE ASTRONOMY LAB  Units: 1
This is an introductory laboratory course featuring the practical use of the telescope, an introduction to the geography of the sky, and applications of astronomical methods involving projects performed by the student.
Lecture Hours: 0  Lab Hours: 54  Repeatable: No  Grading: L
Corequisite: A-001 or prior completion
Advisory: ENG-051 and MATH-040
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C1  CSU GE: B3  IGETC: 5A

AUTOMOTIVE TECHNOLOGY

AUTO-010  INTRODUCTION TO AUTOMOTIVE TECHNOLOGY  Units: 4
This course provides an overview of the major components and systems found on modern automobiles. The course includes: an overview of the automotive industry, shop safety, hand tools usage, basic theory of major automobile systems and basic vehicle maintenance and service.
Lecture Hours: 54  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: ENG-050 & RDG-050
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

AUTO-011B  AUTOMOTIVE ELECTRONICS AND ELECTRICAL SYSTEMS  Units: 4
This course provides theory and hands-on experience in the fundamentals of automotive electricity including: basic electrical principles, circuit components, circuit types, electrical system service and maintenance, diagnosis and repair of common circuit malfunctions. The focus is then placed on foundational automotive electrical components and systems including: batteries, starting systems and charging systems with an emphasis on troubleshooting, diagnosis and repair of common electrical system malfunctions.
Lecture Hours: 54  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: AUTO-001, ENG-050 and RDG-051
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None
AUTO-011C ADVANCED AUTOMOTIVE ELECTRICAL SYSTEMS Units: 5
This course provides theory and hands-on experience in intermediate to advanced automotive body electricity circuits and systems including: body control computers, bus communication, multiplexing, instrument panel circuits and an introduction to passive restraint systems. There is a hands-on emphasis focusing on diagnosing, trouble-shooting and repairing intermediate to advanced body electrical system malfunctions.
Lecture Hours: 63 Lab Hours: 81 Repeatable: No Grading: L
Prerequisite: AUTO-011B Advisory: ENG-050 & RDG-051 CAN: None
Transfer Status: None Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

AUTO-012A AUTOMOTIVE STEERING AND SUSPENSION Units: 4
This course provides theory and hands-on experience in automotive steering and suspension systems including: theory of operation, service, diagnosis and repair. The course includes the following topics: front and rear suspension types, steering systems, four-wheel alignment, shocks, struts, tires and wheels.
Lecture Hours: 54 Lab Hours: 54 Repeatable: No Grading: L
Prerequisite: AUTO-010 Advisory: ENG-050 & RDG-051 CAN: None
Transfer Status: None Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

AUTO-013A AUTOMOTIVE BRAKING SYSTEMS Units: 4
This course provides theory and hands-on experience in automotive braking systems including: theory of operation, service, diagnosis and repair including both base braking and anti-lock braking systems and components.
Lecture Hours: 54 Lab Hours: 54 Repeatable: No Grading: L
Prerequisite: AUTO-010 Advisory: ENG-050 & RDG-051 CAN: None
Transfer Status: None Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

AUTO-014A AUTOMOTIVE ENGINE MANAGEMENT Units: 4
This course provides theory and hands-on experience in the fundamentals of automotive engine management including: basic fuel injection, ignition systems and emission systems. The focus is then placed on foundational engine management components and systems including: fuel injection, electronic ignition and emission control systems with an emphasis on servicing, troubleshooting, diagnosis and repair of common engine management malfunctions.
Lecture Hours: 54 Lab Hours: 54 Repeatable: No Grading: L
Advisory: ENG-050 & RDG-051 CAN: None
Transfer Status: None Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

AUTO-014B ADVANCED ENGINE MANAGEMENT Units: 5
This course provides theory and hands-on experience in intermediate to advanced engine management systems including: fuel injection, electronic ignition, emission controls, OBDII, as well as service and maintenance, diagnosis and repair of engine management malfunctions. The focus is then placed on advanced engine management components and systems including: computer inputs, outputs and control and OBDII logic with an emphasis on troubleshooting, diagnosis and repair of advanced engine management malfunctions.
Lecture Hours: 63 Lab Hours: 81 Repeatable: No Grading: L
Prerequisite: AUTO-014A Advisory: ENG-050 & RDG-051 CAN: None
Transfer Status: None Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

AUTO-015 AUTOMOTIVE ENGINE DIAGNOSIS & REPAIR Units: 4
This course provides theory and hands-on experience in automotive engine mechanical systems including: theory of operation, service, diagnosis and repair including the following topics: valve train components and procedures, engine block components and procedures, disassembly and reassembly skills and engine mechanical troubleshooting tests.
Lecture Hours: 45 Lab Hours: 81 Repeatable: No Grading: L
Prerequisite: AUTO-010 Advisory: ENG-050 & RDG-051 CAN: None
Transfer Status: None Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

AUTO-016 MANUAL DRIVE TRAIN & AXLES Units: 4
This course provides theory and hands-on experience in manual transmissions/transaxles including: theory of operation, service, diagnosis and repair. The course includes the following topics: clutches, axles, driveshafts, transfer cases, differentials, electrical controls, diagnosis, troubleshooting and partial disassembly and reassembly.
Lecture Hours: 54 Lab Hours: 54 Repeatable: No Grading: L
Prerequisite: AUTO-010 Advisory: ENG-050 & RDG-051 CAN: None
Transfer Status: None Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

AUTO-017 AUTOMATIC TRANSMISSIONS & TRANSAXLES Units: 4
This course provides theory and hands-on experience in automatic transmissions/transaxles including: theory of operation, service, diagnosis and repair. The course includes the following topics: torque converters, gear sets, hydraulic controls, electrical controls, diagnosis and troubleshooting and partial disassembly and reassembly.
Lecture Hours: 45 Lab Hours: 81 Repeatable: No Grading: L
Prerequisite: AUTO-010 Advisory: ENG-050 & RDG-051 CAN: None
Transfer Status: None Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

AUTO-018 AUTOMOTIVE HEATING & AIR CONDITIONING Units: 4
This course provides theory and hands-on experience in automotive heating and air conditioning including: theory of operation, service, diagnosis and repair. The course includes the following topics: heating ventilation and air conditioning (HVAC) theory of operation, HVAC housing and ducting, HVAC
controls, compressor and clutch operation and servicing and testing HVAC systems.

Lecture Hours: 54  Lab Hours: 54  Repeatable: No  Grading: L

**Prerequisite: AUTO-010**  
Advisory: ENG-050 & RDG-051

CAN: None  
Transfer Status: None  
Degree Applicable: AA/AS

**AUTO-020A AUTOMOTIVE QUICK SERVICE**  
**Units: 3**

This course provides theory and hands-on experience in performing key automotive services required by entry-level technicians in an automotive repair facility atmosphere. It is geared for those students entering the workforce as an automotive technician.

Lecture Hours: 18  Lab Hours: 108  Repeatable: No  Grading: L

**Prerequisite: AUTO-011B & AUTO-013A**  
Advisory: ENG-050 & RDG-051

CAN: None  
Transfer Status: None  
Degree Applicable: AA/AS

**AUTO-030A CONSUMER AUTOMOTIVE TECHNOLOGY**  
**Units: 3**

This course is intended to provide basic automotive information for the general public, the consumer. The emphasis is on educating the consumer so they can make better decisions when buying, maintaining and servicing their vehicle. This course is not designed for those interested in entering the automotive field as a career. In this course, the following topics will be covered: basic auto safety and tools, basic vehicle systems, vehicle purchasing and maintenance, and having your vehicle serviced.

Lecture Hours: 45  Lab Hours: 27  Repeatable: No  Grading: L

Advisory: ENG-050 & RDG-051

CAN: None  
Transfer Status: None  
Degree Applicable: AA/AS

**AUTO-040A CNG/LPG FUNDAMENTALS & MAINTENANCE**  
**Units: 2**

This course provides classroom lecture/discussion and hands-on training on CNG/LPG fundamentals and scheduled maintenance. The course is designed to introduce the service technician to safety and maintenance practices and procedures unique to gaseous fuel vehicles.

Lecture Hours: 27  Lab Hours: 27  Repeatable: No  Grading: L

Advisory: ENG-050 & RDG-051

CAN: None  
Transfer Status: None  
Degree Applicable: AA/AS

**AUTO-043A HYBRID, FUEL-CELL & ELECTRIC TECHNOLOGY**  
**Units: 3**

This course provides an introduction to hybrid electric drives that are combined with either an internal combustion engine or fuel cell. Hydrogen fuel cell operation, basic maintenance and applications for vehicle use are covered.

Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L

**Prerequisite: AUTO-011B**  
Advisory: ENG-050 & RDG-051

CAN: None  
Transfer Status: None  
Degree Applicable: AA/AS

**AUTO-054A AT CLEAN AIR CAR COURSE**  
**Units: 5**

This course provides the student with the basic training to meet the requirements of the Bureau of Automotive Repair for a SMOG Technician. The course includes the Basic Clean Air Car Course material in addition to the OBD II Update course, the 2003 Update course, 8 Hour Dynamometer Transition course, and 20 Hour Advanced Diagnostic update course.

Lecture Hours: 81  Lab Hours: 27  Repeatable: 5  Grading: L

**Prerequisite: AUTO-053 or EB class SMOG license**

CAN: None  
Transfer Status: None  
Degree Applicable: AA/AS

**AUTO-054B AT ADVANCED CLEAN AIR CAR COURSE**  
**Units: 2**

This Bureau of Automotive Repair (BAR) approved course provides the Student/SMOG Technician with the necessary course work to upgrade a Basic Area SMOG License (EB) to the Advanced Level SMOG License (EA). The course includes the BAR `97 Dynamometer Safety and the Advanced Emission Diagnostic update courses.

Lecture Hours: 36  Lab Hours: 0  Repeatable: 5  Grading: L

**Prerequisite: AUTO-053**

CAN: None  
Transfer Status: None  
Degree Applicable: AA/AS

**AUTO-090B AT BAR SMOG LICENSE UP DATE (2007)**  
**Units: 1**

This course meets the requirements for renewal of the State Smog Inspectors License for technicians whose license expires between January 1, 2007 and December 31, 2008. This course will be required for Initial SMOG license training.

Lecture Hours: 18  Lab Hours: 0  Repeatable: 5  Grading: L

**Prerequisite: Possess a current SMOG license OR concurrent enrollment in a California SMOG license certification course OR possess a valid ASE A-6, A-8, or L-1 certification or the equivalent.**

CAN: None  
Transfer Status: None  
Degree Applicable: AA/AS

**AUTO-092 AT BIODIESEL: CHARACTERISTIC, USE, AND PRODUCTION**  
**Units: 1**

This course introduces biodiesel, its characteristics, its use and effects on engines operation and vehicles emissions. The course also covers basic productions considerations and specifications of biodiesel.

Lecture Hours: 18  Lab Hours: 0  Repeatable: 2  Grading: L

CAN: None  
Transfer Status: None  
Degree Applicable: AA/AS
Biology

BI-004  ELEMENTS OF BIOLOGY  Units: 4
An introduction to biology for non-majors including the study of plants, animals, ecology, and evolution. The foundations of biology, including biochemistry, cell biology, genetics, anatomy and physiology, and the impact of humans on the environment, will be covered in this course. There is a laboratory component that accompanies this course.

Note: BI-004 meets the Biological Sciences Education Requirement, but not the requirements for biological science majors. BI-004 is offered for those individuals with little or no background in the biological sciences.

Lecture Hours: 54  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ENG-051
CAN: None
Transfer Status: CSU/UC*  Degree Applicable: AA/AS
COD GE: C1  CSU GE: B2,B3  IGETC: 5B

BI-005  MOLECULAR & CELL BIOLOGY  Units: 5
This course presents a survey of basic biological principles with a strong emphasis on biochemistry, cell biology and genetics. Topics include: bio-molecular and cell structure and function, cellular respiration, photosynthesis, DNA replication, protein synthesis, Mendelian genetics, mitosis, meiosis, embryology, tissues, organismal diversity and classification. This course is primarily designed for students pursuing careers in science, medicine, dentistry, veterinary medicine and other health fields requiring a strong foundation in biology. Together BI-005 and BI-006, Biology of Organisms, provide students with the basic biology core curriculum for transfer.

Lecture Hours: 72  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: RDG-051, BI-004 or high school biology, ENG-001A or concurrent enrollment, and CH-001A or concurrent enrollment
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C1  CSU GE: B2,B3  IGETC: 5B

BI-006  BIOLOGY OF ORGANISMS  Units: 5
This course covers classification, development, physiology and regulation at the organismal level. Additional topics include population dynamics, community ecology, evolution and population genetics. This course is primarily designed for students pursuing careers in science, medicine, dentistry, veterinary medicine and other health fields requiring a strong foundation in biology. Together BI-006 and BI-005, Molecular and Cell Biology, provide students with the basic biology core curriculum for transfer.

Lecture Hours: 72  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: RDG-051, BI-004 or high school biology, ENG-001A or concurrent enrollment, and MATH-012 or concurrent enrollment
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C1  CSU GE: B2,B3  IGETC: 5B

BI-010  WOMEN'S HEALTH  Units: 3
A study of current issues and practices related to women's health. Emphasis is placed on female anatomy and physiology relative to changes which occur in a woman's body from youth to old age and the specific aspects of health and disease related to these changes. This course is designed to provide information to make the student medically and scientifically knowledgeable about women's health issues and to be an "informed consumer" of medical information and practices concerning today's female. This course qualifies for 45 CEUs of professional development.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-051
CAN: None
Transfer Status: CSU/UC*  Degree Applicable: AA/AS
COD GE: C1  CSU GE: E  IGETC: None

BI-012  BIOLOGY OF CANCER  Units: 3
This course examines the molecular, cellular and genetic basis for the more than 100 different diseases called cancer. Topics include the biology of uncontrolled cellular growth, the causes of cancer, symptoms, diagnosis, staging and the psychological effects of cancer. Methods used to access local and national cancer resources are covered. The roles of the family practitioner, surgeon, pathologist, medical oncologist and radiation oncologist on the cancer team are considered. This course is designed for anyone with a personal or professional interest in preventing cancer and learning about cancer from a clinical and practical view. Information covered in this course allows one to be better informed and prepared to deal with the disease of cancer. This course qualifies for 45 CEUs of professional development.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Advisory: ENG-001A, and high school or college biology course is recommended
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C1  CSU GE: E  IGETC: None

BI-013  HUMAN ANATOMY AND PHYSIOLOGY I  Units: 4
This course involves an integrated study of human body organization and function. Topics include anatomical terminology, cells and tissues, the integumentary system, the skeletal system, articulations, the muscular system, the nervous system, and special senses. This is the first part of a two course sequence that studies the fundamental concepts of anatomy and physiology and provides a foundation for advanced study of the human body. Both BI-013 and BI-014 must be taken to study all of the major body systems. This two-course sequence is designed to meet the prerequisites for health professional programs, e.g. nursing, physical therapy.

Lecture Hours: 54  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ENG-051 and MATH-054  Advisory: BI-021
CAN: None
Transfer Status: CSU/UC*  Degree Applicable: AA/AS
COD GE: C1  CSU GE: B2,B3  IGETC: None
BI-014 HUMAN ANATOMY AND PHYSIOLOGY II

This course involves an integrated study of human body organization and function. Topics include the endocrine, immune, cardiovascular, respiratory, digestive, urinary and reproductive systems. This is the second part of a two course sequence that studies the fundamental concepts of anatomy and physiology and provides a foundation for advanced study of the human body. Both BI-013 and BI-014 must be taken to study all of the major body systems. This two-course sequence is designed to meet the prerequisites for health professional programs, e.g., nursing, physical therapy.

Lecture Hours: 72 Lab Hours: 54 Repeatable: No Grading: L
Prerequisite: BI-013 and CH-004
CAN: None
Transfer Status: CSU/UC* Degree Applicable: AA/AS
COD GE: C1 CSU GE: B2,B3 IGETC: None

BI-015 GENERAL MICROBIOLOGY

This course is a comprehensive study of the microbial world. It is designed to develop an appreciation and understanding of microorganisms and their relationship to humans and their environment. A knowledge of the principles of microbiology and their practical applications is stressed. Subject matter includes: medical microbiology, microbial physiology, microbial genetics, and industrial microbiology. The laboratory experience explores the development of current methods, techniques, and skills necessary to culture, propagate and identify micro-organisms.

Lecture Hours: 72 Lab Hours: 54 Repeatable: No Grading: L
Prerequisite: BI-013 or BI-022, CH-004, ENG-051 and MATH-050 or MATH-054
Advisory: BI-014
CAN: BIOL 14
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C1 CSU GE: B2,B3 IGETC: None

BI-021 ANATOMY & PHYSIOLOGY

This is a course in the structure and functions of human body systems, and fundamental principles of biology demonstrable in human beings. Laboratory gives practical study.

Note: BI-021 meets the Biological Science General Education requirement and is recommended to those wishing a ‘human’ approach to satisfying this requirement.

Lecture Hours: 54 Lab Hours: 54 Repeatable: No Grading: L
Prerequisite: ENG-051
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C1 CSU GE: B2,B3 IGETC: 5B

Building Inspection Technology

BIT-001 CALIFORNIA BUILDING CODES

This course covers California Building, Housing, Energy and Disabled Access Codes used for construction, maintenance, and use of buildings and grounds within the State of California. It emphasizes an understanding and application of code sections and provisions and the relationships between building and mechanical codes.

Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Advisory: ENG-050, MATH-057, and RDG-050
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

BIT-002 BUILDING & MECHANICAL CODES

This course covers California Building and Mechanical Codes used for construction, maintenance, and use of buildings and grounds within the State. It emphasizes an understanding and application of code sections and provisions and the relationships between building and mechanical codes.

Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Advisory: ENG-050, MATH-057, and RDG-050
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

BIT-003 BUILDING & PLUMBING CODES

This course covers California Building and Plumbing Codes used for construction, maintenance, and use of buildings and grounds within the State. It emphasizes an understanding and application of code sections and provisions, and the relationships between building and plumbing codes.

Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Advisory: ENG-050, MATH-057, and RDG-050
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

BIT-004 BUILDING & ELECTRICAL CODES

This course covers California Building and Electrical Codes used for construction, maintenance, and use of buildings and grounds within the State. It emphasizes an understanding and application of code sections and provisions, and the relationships between building and electrical codes.

Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Advisory: ENG-050, MATH-057, and RDG-050
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None
Building Inspection Technology

BIT-026 BUILDING II & FIRE CODES Units: 3
This course involves building and fire codes used for construction, maintenance, and use of buildings and grounds in the State of California. It places an emphasis on understanding and application of code sections and provisions, and the relation between Fire and Building Codes. It addresses elements of codes in areas of special occupancies, grading, fire and building material standards, and building codes appendices as they apply to both building and fire applications.
Lecture Hours: 54 Lab Hours: 0 Repeatable: 2 Grading: L
Advisory: ENG-050 and MATH-057
Transfer Status: CSU
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

Business/ACCOUNTING

BUAC-001A FINANCIAL ACCOUNTING I Units: 3
This course expands upon basic fundamentals of the double entry accrual accounting system. It includes accounting for service and merchandising enterprises with special emphasis on receivables, payables, inventories, plant asset depreciation methods, internal controls, payroll and other sub-systems.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: BUAC-006, or demonstrated competence in basic bookkeeping
CAN: BUS 2; SEQ A = BUAC 1 + 2
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

BUAC-001B FINANCIAL ACCOUNTING II Units: 3
This course emphasizes accounting concepts and principles relating to corporations, departmental and branch systems; and management uses of accounting data which includes financial statement analysis, cash flow statements, and an introduction to cost accounting. There is emphasis on stock and bond transactions.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: BUAC-001A
CAN: BUS 4; SEQ A = BUAC 1 + 2
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

BUAC-001C MANAGEMENT ACCOUNTING Units: 3
This course is designed to develop the fundamental skills of management accounting, which includes the collection, presentation, and interpretation of data to enable management and control performance. Students learn how to construct accounting information systems that focus on such items as cost control, inventory management, budgetary monitoring, and capital investment planning.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: BUAC-001B
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

BUAC-004 TAX ACCOUNTING I - INDIVIDUALS Units: 3
This course is designed to provide students with tax information for both personal and career interests. Students learn tax information with the current laws and regulations available for preparation of personal tax returns and tax returns of others. Tax planning issues for the current and later years are considered.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050 and MATH-057
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

BUAC-005 TAX ACCOUNTING II Units: 3
This course is designed to provide students with tax information for both personal and professional use. Students learn the latest tax regulations that will allow them to prepare tax returns for their own businesses as well as other businesses and corporations. Tax planning issues for current and later tax years are also considered.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050 and MATH-057
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

BUAC-008 REAL ESTATE AND CONSTRUCTION ACCOUNTING Units: 3
This course covers the comprehensive application of accounting principles to the real estate and construction industries. Budgeting and monitoring costs for construction projects are emphasized, as well as rate of return analyses for investment projects. Management Accounting is emphasized over Financial Reporting.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: BUAC-001A
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

BUAC-009 HOSPITALITY MANAGEMENT ACCOUNTING Units: 3
This course is the study of the comprehensive application of accounting principles to the hospitality industry. The course includes an emphasis on accounting practices, financial statements, income/expense accounts and statements, special purpose journals and ledgers. Also included is the application of accounting information when making managerial decisions.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: BUAC-006
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

BUAC-010 COMPUTER ACCOUNTING Units: 3
This course covers introductory material in the processing of accounting data on the micro-computer. Students learn to record and process transactions in the following major accounting activities: Journalizing, preparation of financial statements, budgeting, adjusting entries, receipts and
payments, cash flow and payroll. Course work prepares students for actual situations using up-to-date equipment and software.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L  
**Prerequisite:** BUAC-001B or concurrent enrollment  
CAN: None  
Transfer Status: CSU  Degree Applicable: AA/AS  
COD GE: None  CSU GE: None  IGETC: None

**BUAC-050 ACCOUNTING IN THE BUSINESS ENVIRONMENT**  
Units: 3
This course is a comprehensive study of the accountant’s role in providing management with information to assist in the decision making process. Approximately one half of the course emphasizes how the accountant organizes, analyzes, and presents financial information but excludes actual preparation of financial statements. The course incorporates the use of spreadsheets in meeting those objectives. The balance of the course introduces students to the integrative nature of business and the cross-functional relationships within the professional environment. Included are the accountants’ role in Human Resources, Entrepreneurship, and small business management.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L  
**Advisory:** ENG-050 and MATH-057  
CAN: None  
Transfer Status: None  Degree Applicable: AA/AS  
COD GE: None  CSU GE: None  IGETC: None

**BUAC-066 FUNDAMENTAL ACCOUNTING PROCEDURES**  
Units: 3
This course covers the essential elements of bookkeeping practice upon which advanced work in other accounting courses is based. Topics include the basic accounting equation, uses of journals and ledgers, preparation of financial statements, adjusting and closing entries, bank account reconciliation, and payroll.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L  
**Prerequisite:** ENG-050 and MATH-057  
CAN: None  
Transfer Status: None  Degree Applicable: AA/AS  
COD GE: None  CSU GE: None  IGETC: None

**BUFI-012 MONEY MANAGEMENT & PLANNING FOR THE FUTURE**  
Units: 3
This course provides students with an introductory understanding of economic and financial principles and the environment within which consumer and business decisions are made. It helps those interested in pursuing a career in financial services develop an appreciation for financial concerns of their clients. It also helps students make more informed decisions about setting their own career and financial goals, as well as managing their budget, taxes and investments, protecting their assets against risk, and preparing for retirement.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: O  
CAN: None  
Transfer Status: CSU  Degree Applicable: AA/AS  
COD GE: None  CSU GE: None  IGETC: None

**BUFI-013 INVESTMENT OPPORTUNITIES**  
Units: 3
The course provides students with an understanding of the importance of investment in their personal finances as well as various investment opportunities available to them. It presents the features of different types of stocks, corporate bonds, government securities, mutual funds, options, futures, and real estate investments. It also offers students a set of tools and criteria for evaluating these investment instruments in light of their own financial conditions and objectives.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: O  
CAN: None  
Transfer Status: CSU  Degree Applicable: AA/AS  
COD GE: None  CSU GE: None  IGETC: None

**BUHM-050 INTRODUCTION TO THE HOSPITALITY INDUSTRY**  
Units: 3
This course provides a basic understanding of the hospitality industry including lodging, food service, institutional, and resort operations. The history, growth and development, current trends, and organizational structure of the industry are explored with a focus on employment opportunities and future trends.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L  
**Prerequisite:** ENG-050  
CAN: None  
Transfer Status: CSU  Degree Applicable: AA/AS  
COD GE: None  CSU GE: None  IGETC: None

**BUHM-063 HOTEL AND RESTAURANT OPERATIONS**  
Units: 3
This course analyzes management’s functions and responsibilities in such areas as administration, organization, communications, accounting, marketing and human relations.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L  
**Prerequisite:** ENG-050  
CAN: None  
Transfer Status: CSU  Degree Applicable: AA/AS  
COD GE: None  CSU GE: None  IGETC: None

**BUHM-064 HOTEL/MOTEL PERSONNEL MANAGEMENT**  
Units: 3
This course prepares the student for the transition from employee to supervisor, including how to handle difficult employees, implement motivational techniques, and conduct performance evaluations.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L  
**Prerequisite:** ENG-050  
CAN: None  
Transfer Status: None  Degree Applicable: AA/AS  
COD GE: None  CSU GE: None  IGETC: None
Business/Management

BUMA-001 PRINCIPLES OF MANAGEMENT Units: 3
This course is the study of organization design, managerial processes, motivational theories, and current management problems. It is a study of the concepts of management in organizations and the role of manager in a technologically oriented society including planning, organizing, staffing, directing, and controlling. The student is provided an opportunity to gain a contemporary knowledge in management design to improve managerial skills and ability.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050
Transfer Status: None Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

BUMA-010 INTRODUCTION TO BUSINESS Units: 3
This course is the study of the formation, structure, objectives, and ethics of contemporary American business enterprises. It emphasizes the significance of the small business organization, the role of large business organizations, and practices for the development of managerial personnel. This course is recommended for students who wish to explore a career in business.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

BUMA-020A BUSINESS LAW Units: 3
This course is a study of the social forces and the law, the law of contracts, agency and employment, personal property and bailment, and business torts and crimes, sales law, labor law and government regulation of business.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050
Transfer Status: BUS 8 Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

BUMA-020B BUSINESS LAW Units: 3
This course is a study of the law in its relation to business with special emphasis on the law of negotiable instruments (promissory notes, checks, bank drafts, and bills of exchange). It includes the study of suretyship and guaranty, insurance, partnerships, corporations, real property, wills, trusts, and bankruptcy.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

BUMA-024 RESORT PERSONNEL & HUMAN RELATIONS Units: 3
This course emphasizes the management of the golf shop and resort personnel from the perspective of the golf professional. Both legal and psychological factors are examined in order to prepare the golf professional for the role of supervisor, leader, and motivator. Special focus on dealing with the particular needs of country club and resort clientele are included.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050
Transfer Status: None Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

BUMA-025 GOLF SHOP OPERATIONS Units: 2
This course is the study of the principles and techniques involved in managing the modern professional golf shop: selling techniques, customer service, and merchandise displays. It emphasizes the principles of organizing, financing, and controlling a small business, such as purchasing, pricing, stock control, store layout, policies, and security.
Lecture Hours: 18 Lab Hours: 54 Repeatable: No Grading: L
Prerequisite: ENG-050
Transfer Status: None Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

BUMA-027 MARKETING Units: 3
This course is the study of market structures, channels of distribution, pricing and price policy, and market research. It emphasizes the relationship of human behavior and culture to marketing activities. The student participates in individual and class projects designed to reinforce basic marketing theory and concepts.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

BUMA-028 SMALL BUSINESS: DEVELOPMENT & MANAGEMENT Units: 3
This course is designed for the prospective as well as the current small business owner/manager. The curriculum is centered on an array of structural, relationship and process elements such as financial and physical assets, leadership/management issues, human resource functions, planning, and marketing. These elements are developed in the course through a diagnosis and prescription process and culminate in the writing of a comprehensive business plan.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Advisory: ENG-050 and MATH-057
Transfer Status: None Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None
Business/Supervision & Management

**BUSM-070  AFFIRMATIVE ACTION FOR SUPERVISORS**

This course is the study of techniques involved in conducting affirmative action programs in business and industry. It emphasizes the legal basis for affirmative action positions taken by employers and supervisors in terms of women and minority employment and advancement rights.

Lecture Hours: 36  Lab Hours: 0  Repeatable: No  Grading: L
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

**BUSM-071  SAFETY MANAGEMENT**

This course is the study of basic principles of accident prevention operating and implementing safety programs under Occupational Safety and Health Act (OSHA).

Lecture Hours: 36  Lab Hours: 0  Repeatable: No  Grading: L
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

**BUSM-081  QUALITY MANAGEMENT**

This course studies the meaning of quality control. It includes an analysis of the various techniques involved in the application of quality control to the many departments in modern industrial organizations.

Lecture Hours: 36  Lab Hours: 0  Repeatable: No  Grading: L
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

**BUSM-082  PURCHASING**

This course is the study of methods and techniques used in the selection and procurement of materials, products, and supplies in industry. It emphasizes the optimal amount, price, payment policy and supplier. The student will learn the typical ordering, receiving and storage management procedures used in industry.

Lecture Hours: 36  Lab Hours: 0  Repeatable: No  Grading: L
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

**BUSM-083  DEVELOPING EMPLOYEES THROUGH TRAINING**

This course is the study of methods involved in the introduction of employees to training and in evaluating their progress through the training process. Students learn the techniques of on-the-job instruction, as well as the concepts of apprenticeship, technical training, management development, and the use of consultants and advisory committees in the workplace.

Lecture Hours: 36  Lab Hours: 0  Repeatable: No  Grading: L
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

**BUSM-084  JOB ANALYSIS FOR WAGE ADMINISTRATION**

This course analyzes job descriptions, specifications, evaluation, and classifications. It is a study of Local, State and Federal regulations concerning industrial wages.

Lecture Hours: 36  Lab Hours: 0  Repeatable: No  Grading: L
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

**BUSM-091  ELEMENTS OF SUPERVISION**

This is a basic course covering the responsibilities of the industrial supervisor. Major topics include organization, public relations, human relations, training, management-employee relations, production control and promotion practices.

Lecture Hours: 36  Lab Hours: 0  Repeatable: No  Grading: L
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

**BUSM-092  PSYCHOLOGY FOR SUPERVISORS**

This course is the study of the role of the supervisor in understanding the people with whom he/she works. It emphasizes psychological processes, perceptions, learning, emotions, attitudes, and personalities.

Lecture Hours: 36  Lab Hours: 0  Repeatable: No  Grading: L
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

**BUSM-093  HUMAN RELATIONS**

This course is the study of personnel relations as affected by the application of basic psychological techniques. Emphasis is placed on employer-employee relationships.

Lecture Hours: 36  Lab Hours: 0  Repeatable: No  Grading: L
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None
BUSM-094  COMMUNICATION FOR SUPERVISORS  Units: 3
This course involves the study of oral and written communications designed for supervisors and administrative personnel in industry. The course emphasizes individual experiences in speaking and conference leading. The course materials highlight standards and physical aspects of communication including graphic aids, physical presentation of reports, public speaking and oral reporting. The course involves learning how to conduct meetings and improving one’s listening ability.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Advisory: ENG-050
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

BUSM-096  LABOR/MANAGEMENT RELATIONS  Units: 2
This course is the study of union contracts, grievances, and collective bargaining procedures. It includes a history of the labor movement with special emphasis placed on Federal and State labor legislation.
Lecture Hours: 36  Lab Hours: 0  Repeatable: No  Grading: L
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

BUSM-097  ORGANIZATION PATTERNS AND MANAGEMENT  Units: 2
This course is the study of the establishment of lines of authority, departmental functions, local policies, general procedures and regulation.
Lecture Hours: 36  Lab Hours: 0  Repeatable: No  Grading: L
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

BUSM-098  WORK SIMPLIFICATION  Units: 2
This course is the study and analysis of methods designed for improving job procedures and techniques.
Lecture Hours: 36  Lab Hours: 0  Repeatable: No  Grading: L
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

BUSM-099  COST CONTROL FOR SUPERVISORS  Units: 2
This course is a study of the factors involved in cost control. It emphasizes such topics as materials, salvage, waste, time, and quality requirements. Also included is a study of the supervisor’s role in controlling costs.
Lecture Hours: 36  Lab Hours: 0  Repeatable: No  Grading: L
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

CHEMISTRY

CH-001A  GENERAL CHEMISTRY  Units: 5
This is the first course of a two-semester sequence covering the basic principles and concepts of chemistry with emphasis on chemical calculations. Inorganic chemistry is stressed, and the material includes a discussion of atomic structure, chemical bonding, molecules, reaction types, states of matter, and the properties of solutions. The laboratory part of the course complements the lectures and includes qualitative analysis.
Lecture Hours: 54  Lab Hours: 108  Repeatable: No  Grading: L
Prerequisite: CH-003 or 1 year high school chemistry
Corequisite: MATH-010 or MATH-012 or prior completion of either course
CAN: CHEM SEQ A = CH 1A + 1B
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C1  CSU GE: B1.B3  IGETC: 5A

CH-001B  GENERAL CHEMISTRY  Units: 5
This is the second course of a two-semester sequence covering the basic principles and concepts of chemistry with emphasis on chemical calculations. Inorganic chemistry is stressed, and the material includes a discussion of thermodynamics, reaction kinetics, equilibria, electrochemistry and a detailed study of the chemistry of selected elements. There is a brief introduction to organic, biological and nuclear chemistry. The laboratory part of the course complements the lectures and includes half a semester of ion properties and qualitative analysis.
Lecture Hours: 54  Lab Hours: 108  Repeatable: No  Grading: L
Prerequisite: CH-001A
CAN: CHEM SEQ A = CH 1A + 1B
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C1  CSU GE: B1.B3  IGETC: 5A

CH-003  INTRODUCTORY GENERAL CHEMISTRY  Units: 4
This course is the study of the principles of inorganic chemistry. Instruction is given in calculations, atomic theory, Periodic Law, bonding and compounds, nomenclature, states of matter, reaction types, composition, stoichiometry, and acids, bases & pH. Laboratory is a hands-on experience stressing manipulation, procedure, data and outcome calculations.
Note: This course should be taken by Liberal Studies majors on the Education track to satisfy the chemistry requirement. It should also be taken as a prerequisite for CH-001A for students who have not had high school chemistry within the past 5 years.
Lecture Hours: 54  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ENG-051 and MATH-050 or MATH-054
CAN: CHEM 6
Transfer Status: CSU/UC*  Degree Applicable: AA/AS
COD GE: C1  CSU GE: B1.B3  IGETC: 5A*
CH-004  FUNDAMENTALS OF CHEMISTRY  Units: 4
This course is a survey of basic principles of inorganic, organic and bio-organic chemistry presented on a level for the general student.

Note: This course, in conjunction with CH-005, meets the requirements for bachelor degrees in nursing, dental hygiene and allied health programs. The course is transferable as a physical science with laboratory.
Lecture Hours: 54  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CH-004
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: C1  CSU GE: B1,B3  IGETC: None

CH-005  BIO-ORGANIC CHEMISTRY  Units: 4
This course is a survey of organic chemistry and biochemistry with an emphasis on the health sciences. It covers the major functional groups of organic compounds. The biologically active macromolecules and their components are discussed. Bioenergetics and metabolism are a substantial part of this course. The course is intended for health sciences students in dental hygiene, physician’s assistant, and related programs.

Note: This course, in conjunction with CH-004, satisfies the requirements for those Health Sciences programs that require one year of chemistry other than general chemistry.
Lecture Hours: 54  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CH-004
CAN: None
Transfer Status: CSU/UC* Degree Applicable: AA/AS
COD GE: None  CSU GE: B1,B3  IGETC: None

CH-006  HUMAN BIOCHEMISTRY  Units: 2
This course is a survey of human biochemistry. It covers biologically significant molecules, their structure and metabolism. Bioenergetics and protein synthesis are also covered. The course is intended as the second semester of chemistry for students in the combined College of the Desert and California State University, San Bernardino BSN program.

Lecture Hours: 36  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: CH-004
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

CH-010A  ORGANIC CHEMISTRY  Units: 5
This course is the first of a two-semester sequence covering the basic principles and concepts of organic chemistry. An in-depth study is made of the bonding of carbon, stereochemistry and the reactivity of alkanes, alkenes and alkydes. Addition, substitution and radical reactions are discussed. Alcohols, ethers, haloalkanes and conjugated unsaturated systems are analyzed. The course is designed for chemistry, biology and pre-professional majors.

Note: This course is offered in the Fall semester of odd-numbered years.
Lecture Hours: 72  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CH-001B
CAN: None
Transfer Status: CSU/UC*  Degree Applicable: AA/AS
COD GE: None  CSU GE: B1,B3  IGETC: 5A*

CH-010B  ORGANIC CHEMISTRY  Units: 5
This course is the second of a two-semester sequence covering the basic principles and concepts of organic chemistry. Spectrophotometry is covered. An introduction is made to biochemical compounds. The course is designed for chemistry, biology and pre-professional majors.

Note: This course is offered in the Spring semester of even-numbered years.
Lecture Hours: 72  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CH-010A
CAN: None
Transfer Status: CSU/UC*  Degree Applicable: AA/AS
COD GE: None  CSU GE: B1,B3  IGETC: 5A*

COMPUTER INFORMATION SYSTEMS

CIS-050  COMPUTER KEYBOARDING I  Units: 2
This course is designed for students who need to master computer keyboarding skills. Students develop basic alpha/numeric keyboarding and touch typing skills, and increase their ability to communicate information. No previous electronic keyboard or computer experience is necessary.

Lecture Hours: 18  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ENG-050
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

CIS-070A  COMPUTER BUSINESS APPLICATIONS FOR WINDOWS  Units: 3
This course is designed for students with no previous computer experience who want to learn how to use an IBM-compatible personal computer with an emphasis on Windows techniques. Using the Windows/graphical user interface approach, students develop basic skills in three applications: word processing, spreadsheets, and database management. Students are also introduced to the INTERNET and Geographic Information Systems (GIS) concepts.

Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: ENG-050
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None
CIS-070B  WINDOWS & THE INTERNET  Units: 3
This course examines the fundamental concepts of the Windows operating system and the Internet. Students learn to install, configure and use Windows and Internet hardware and software for maximum productivity and efficiency. Emphasis is placed on the ability to find, save and retrieve information.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CIS-070A
Advisory: Additional lab time (CS 97, CS 98, or CS 99) may be required or recommended, depending on the abilities and progress of individual students.
CAN: None
Transfer Status: None  Degree Applicable: AA/AS  IGEC: None
COD GE: None  CSU GE: None

CIS-072D  EXCEL  Units: 3
This course provides basic concepts and practical applications using Excel for Windows. Students receive instruction and computer experience using electronic spreadsheets to solve common numerical and accounting-based problems.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CIS-070A or BUAC-050
CAN: None
Transfer Status: None  Degree Applicable: AA/AS  IGEC: None
COD GE: None  CSU GE: None

CIS-073C  ACCESS  Units: 3
This course provides beginning and intermediate concepts and practical applications in database management using Windows. Students receive instruction and computer experience needed to design, create, customize, organize, extract, and store information using Access.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CIS-070A
CAN: None
Transfer Status: None  Degree Applicable: AA/AS  IGEC: None
COD GE: None  CSU GE: None

CIS-074  POWERPOINT  Units: 3
This course provides basic concepts and practical applications using PowerPoint for Windows. Students receive instruction and computer experience using presentation software to organize and display information in a visual format.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CIS-070A
CAN: None
Transfer Status: None  Degree Applicable: AA/AS  IGEC: None
COD GE: None  CSU GE: None

CIS-075  EXPRESSION WEB  Units: 3
This course is an introduction to creating a web page using Microsoft Expression Web. Students learn to design, create, manage, and publish Web sites that incorporate images, hyperlinks, lists, tables, forms and frames.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CIS-070B
CAN: None
Transfer Status: None  Degree Applicable: AA/AS  IGEC: None
COD GE: None  CSU GE: None

CIS-076B  WORD  Units: 3
This course introduces students to beginning and intermediate microcomputer skills through word processing concepts and procedures in the Word for Windows program. Applications include communicating with the mouse and the keyboard, editing, revising, and printing documents. Document production includes basic business communications, reports, tables, formatting and other basic word processing features.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CIS-070A
CAN: None
Transfer Status: None  Degree Applicable: AA/AS  IGEC: None
COD GE: None  CSU GE: None

CIS-082C  WEB PUBLISHING I  Units: 3
This course teaches students to format World Wide Web pages using Hypertext Markup Language (HTML). Emphasis is placed on development of effective pages. Students learn to incorporate text, graphics, audio files, video files, animation and three-dimensional effects into their Web pages.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CIS-070B  Advisory: ART-003A or ART-040
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS  IGEC: None
COD GE: None  CSU GE: None

CIS-082D  COMPUTER GRAPHICS I  Units: 3
This course provides an introduction to the process of creating, capturing, and modifying graphical images using the software most commonly found in the graphical design industry today: Adobe Photoshop, Adobe Illustrator, and Macromedia FreeHand. Photoshop is used for the capture and manipulation of images either scanned or digitally photographed; Illustrator and FreeHand are used for the original creation of both type and artwork, with emphasis on layout, color and content. (Also listed as, and equivalent to, DDP-001.)
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CIS-070A
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS  IGEC: None
COD GE: None  CSU GE: None

CIS-083C  WEB PUBLISHING II/JAVASCRIPT  Units: 3
This course teaches students to incorporate interactive JavaScript elements in Web pages. They learn how to understand and use the Document Object Model; event handlers, variables and functions; browser detection; forms validation; text and image rollovers; and common programming elements, including arrays, loops and logical operations.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CIS-082C
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS  IGEC: None
COD GE: None  CSU GE: None
**CIS-083D  COMPUTER GRAPHICS II**  Units: 3
This course provides advanced applications in computer graphics techniques, using the software most commonly found in the graphic design industry today: Adobe Photoshop, Adobe Illustrator, and Quark XPress. Emphasis is placed on the computer as a design tool to assemble type and manipulate images for the printed page and Web publication. (Also listed as, and equivalent to, DDP-002.)
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CIS-082D
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

**CIS-084C  WEB PUBLISHING III/PERL**  Units: 3
This course teaches students the fundamental knowledge and skills needed to create server-side, web-based applications using the Perl language. Applications studied include form processing, counters, searching, chat and bulletin board systems.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CIS-083C
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

**COMPUTER SCIENCE**

**CS-073  INTRODUCTION TO COMPUTER SCIENCE**  Units: 3
This is an introductory course in computer concepts and terminology. Topics covered include: historical development of computers; hardware and software definitions and terminology; categories of system software and application software, including word processing, electronic spreadsheets, and database management; machine language, assembler language, and high-level programming languages; the systems development process; careers in data processing; and legal, moral, and ethical issues associated with computers.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050
CAN: CSCI 2
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

**CS-086  VISUAL BASIC PROGRAMMING I**  Units: 3
This is an introductory course in computer programming concepts. Students design, write and debug programs using the principles of structured programming. Topics covered include: programming language structure and syntax; algorithm development; log and design considerations and program development tools; error handling and debugging; functions, subprograms and parameter passing; conditional and relational operators, selection and loop structures; array processing; sequential and random file access; and introduction to object oriented programming.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CIS-070A
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

**CS-087  ASSEMBLER LANGUAGE PROGRAMMING**  Units: 4
This is an introductory course in assembler language programming. Students design, write, and debug assembler language programs using structured programming concepts. Topics covered include: decimal, binary, and hexadecimal numbering systems; personal computer architecture; memory, addresses and registers; assembler directives; subroutines and the stack; interrupts; string functions; command line parameters; external subroutines, segments, groups and macros.
Lecture Hours: 54  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CS-073 and CS-086
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

**CS-088  JAVA PROGRAMMING**  Units: 3
This course focuses on application development using Java. Proper syntax and operating procedures are covered, along with design and programming techniques for object-oriented programs in Java. Additional topics include Applet Programming in Java, exception handling, graphics, font, colors, multithreading, streams, and native methods and libraries.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CS-086
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

**CS-089A  C++ PROGRAMMING II**  Units: 3
This is an advanced course in C++ programming. Students design, write, and debug C++ programs using structured programming concepts. Topics covered include: C++ structure and syntax; algorithm development; fundamental data types; functions and parameter passing; arrays and addresses; conditional and relational operators; space and time scope of variables; sequential and random access file processing; command line arguments; string manipulation; objects, classes and data abstraction; inheritance, reusability, polymorphism and overloading.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CS-073 and CS-086
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None
CM-001 INTRODUCTION TO CONSTRUCTION MANAGEMENT  Units: 2
This course provides an overview of the construction industry and its markets. The impact, practices, methods and ethics in the construction industry are reviewed.

Lecture Hours: 36  Lab Hours: 0  Repeatable: No  Grading: L
Prequisite: MATH-057
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

CM-002 INTRO TO URBAN PLANNING  Units: 3
This course provides a critical analysis of the theory and practice of land use planning with an emphasis on the urban context. Also, the historical and legal basis for land use planning, traditional and alternative roles of planning in contemporary society are studied along with the planning process, planning tools and practices.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Advisory: ENG-050 and RDG-050
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

CM-003 SITE & TERRAIN ANALYSIS  Units: 3
This course is an introduction to various methods and techniques used to inventory and analyze landscape features. Students also study mapping, overlay techniques, environmental ethics, case study review and an overall assessment of the function and structure of the natural landscape.

Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: ENG-050 and MATH-057
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

CM-004 CONSTRUCTION LAW SURVEY  Units: 3
This course is a summary of the legal implications of contractor license laws; mechanics lien laws, CAL-OSHA, and Construction Contracts. Laws of liability, worker’s compensation, state and federal laws affecting construction and compliance problems are covered.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Advisory: ENG-050
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

CM-005 CONSTRUCTION PLANNING  Units: 3
This course covers the concepts used in planning, scheduling and control of construction projects. Use of graphic charts and the Critical Path Method (CPM) are featured. Also covered are program evaluation and review techniques (PERT), time assignment and computation, diagramming practices, monitoring and updating, and computer utilization.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Advisory: ENG-050 and MATH-057
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

CULINARY ARTS

CART-001 SANITATION AND SAFETY  Units: 3
This course is a study of the principles of hygiene and sanitation and their application to food service operations. Emphasis is placed on the implementation of proper methods and procedures, and the food handler's responsibility in maintaining high sanitation and safety standards.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Advisory: ENG-050 and MATH-057
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

CART-003 PRINCIPLES OF COOKING  Units: 5
This course is a comprehensive study of the physical changes which take place when preparing foods and the safe and sanitary use of hand tools, knives and kitchen equipment. It focuses on "hands-on" experience in the production of stocks, broths, glazes, leading and small sauces, gravies, emulsified sauces, and soups. Cooking methods using moist-heat, dry-heat, and fat, and the art of seasoning and flavoring are also covered.

Lecture Hours: 50.4  Lab Hours: 118.8  Repeatable: No  Grading: L
Advisory: ENG-050 and MATH-057
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None
CART-004 PANTRY Units: 5
This course covers the principles and practices used in producing pantry items in a commercial environment. A variety of menu items are prepared including salads, salad dressings, grill and breakfast items, and sandwiches.
Lecture Hours: 54  Lab Hours: 108  Repeatable: No  Grading: L
Advisory: ENG-050 and MATH-057
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

CART-005 PRINCIPLES OF BAKING Units: 5
This course provides an understanding of basic characteristics and function of major ingredients. Focus is on the importance and accuracy of weights and measures and hands-on experience in the production of mixing methods of cakes, yeast raised products, Danish, breads, croissants, puff pastry, custards, puddings, and basic cake decorating.
Lecture Hours: 50.4  Lab Hours: 118.8  Repeatable: No  Grading: L
Advisory: ENG-050 and MATH-057
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

CART-006 GARDE MANGER Units: 5
This course is a comprehensive study of the skills necessary in the preparation and presentation of cold buffets. It focuses on hands-on experience in the production of aspic jellies, chaud froid sauces, forcemeats, pates, gelatins, sausages, mousses, brines, dry cures, marinades, smoked meats, poultry and fish, salt dough display pieces, vegetable flowers, and buffet table and tray centerpieces using fruits, vegetables and ice sculptures.
Lecture Hours: 50.4  Lab Hours: 118.8  Repeatable: No  Grading: L
Advisory: ENG-050 and MATH-057
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

CART-008 CLASSICAL BUFFET DESSERTS Units: 5
This is a comprehensive study of classical desserts for buffet display and competition show pieces. It focuses on "hands-on" experience in the production and display of pastillage, croquant, chocolate, marzipan, royal icing, and spun, pulled, and blown sugar.
Lecture Hours: 50.4  Lab Hours: 118.8  Repeatable: No  Grading: L
Prerequisite: CART-034  Advisory: ENG-050 & MATH-057
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

CART-010 FOOD PROCUREMENT AND COST CONTROL Units: 3
This course studies the basic principles of purchasing food and beverages, as well as nonfood items, with particular attention to product identification and to the ordering, receiving, storing, and issuing sequence.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Advisory: ENG-050 and MATH-057
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

CART-011 MENU PLANNING Units: 3
This course studies the basic principles of menu making for a variety of types of food service operations, considering the factors of clientele, types of operations, economic requirements, nutritional adequacy, skill of personnel, and equipment limitations.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Advisory: ENG-050 and MATH-057
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

CART-015 RESTAURANT DESSERTS Units: 4
This course studies the techniques and methods of operating and controlling a food service operation in a club environment. Students are exposed to the methods necessary for the planning, monitoring and controlling of a food service operation and of the control systems available to insure a profitable operation.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Advisory: ENG-050 and MATH-057
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

CART-028 RESORT FOOD & BEVERAGE OPERATION Units: 3
This course studies the techniques and methods of operating and controlling a food and beverage operation in a club environment. It studies the management techniques necessary for the planning, monitoring and controlling of a food service operation and of the control systems available to insure a profitable operation.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Advisory: ENG-050 and MATH-057
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

CART-033 INTRODUCTION TO BAKING Units: 4
This course is designed to provide understanding of basic characteristics and function of major ingredients. Focus is on the importance and accuracy of weights, measurements and mixing methods. Hands-on experience in the production of doughs, yeast breads, cookies, pies, cakes, and decorating techniques.
Lecture Hours: 54  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: ENG-050 and MATH-057
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None
CART-034  INTERMEDIATE BAKING  Units: 4
This course provides the student with the knowledge and skills necessary for the production of cakes, tortes, meringues, Bavarian crèmes, mousses, pastry cream and ice cream.
Lecture Hours: 54  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CART-033  Advisory: ENG-050 & MATH-057
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

CART-035  OPERATIONS MANAGEMENT  Units: 4
(PRODUCTION COOKING)
This course covers the principles and practices used in producing menu items in a commercial environment. A variety of menu items are prepared using quantity food preparation equipment and techniques.
Lecture Hours: 54  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CART-033  Advisory: ENG-050 and MATH-057
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

DANCE

DANC-010  INTRODUCTION TO CHOREOGRAPHY  Units: 2
This course is an introduction to the fundamental elements of choreography and their practical application in creating dance composition. (Equivalent to PE-015 and TA-011.)
Lecture Hours: 18  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ENG-050
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: C1  IGETC: None

DANC-015  HISTORY OF DANCE  Units: 3
This survey course examines the chronological development of dance and includes the study of pre-classic through contemporary forms. It emphasizes the interconnections between aesthetic practice and people, events, and ideas. (Equivalent to TA-015.)
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3  CSU GE: C1  IGETC: 3A

DANC-070  DANCE, MODERN  Units: 1
This course provides beginning, intermediate, and advanced instruction in modern dance techniques as a vehicle for creating original movement. May be taken for a total of four times. (Equivalent to PE-050 and TA-070.)
Lecture Hours: 9  Lab Hours: 27  Repeatable: 3  Grading: L
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

DANC-073  DANCE, MODERN (Jazz)  Units: 1
This course provides beginning, intermediate, and advanced instruction in jazz dance technique emphasizing optimum body placement and improved body mechanics and coordination. May be taken for a total of four times. (Equivalent to PE-053 and TA-073.)
Lecture Hours: 9  Lab Hours: 27  Repeatable: 3  Grading: L
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

DANC-075  DANCE, TAP  Units: 1
This course provides beginning, intermediate, and advanced instruction in basic tap dance steps and simple choreography forms for the improvement of coordination and physical conditioning. May be taken for a total of four times. (Equivalent to PE-055 and TA-075.)
Lecture Hours: 9  Lab Hours: 27  Repeatable: 3  Grading: L
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

DANC-076  DANCE, BALLET  Units: 1
This course provides beginning, intermediate, and advanced instruction in ballet technique, vocabulary, history, current events, and appreciation of ballet as an art form. May be taken for a total of four times. (Equivalent to PE-056 and TA-076.)
Lecture Hours: 9  Lab Hours: 27  Repeatable: 3  Grading: L
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

DEPARTMENTAL SEMINARS

Departmental Seminars, designated as Course Number 48A, 48B, 48C (1, 2, and 3 units respectively) may be conducted by any department. They are designed to provide an opportunity for students to work in small groups with one or more instructors. The course provides the students an opportunity to participate and interact with their instructors and colleagues to extend their knowledge and understanding of some particular problem or topic within the general scope of departmental offerings which are not contained in scheduled courses.

The exact nature of the individual assignments depends upon the nature of the study and topic involved, but all seminar students are expected to complete at least one of the following: a project, field study, survey, written report, and/or term paper.

Seminars bring together active and retired personnel resources in the community to work with faculty and students to extend depth, imagination, and applicability to the programs of instruction. A maximum of six seminar units are accepted for the A.A. or A.S. Degree.
DIGITAL DESIGN & PRODUCTION

DDP-001 COMPUTER GRAPHICS I  Units: 3
This course provides an introduction to the process of creating, capturing, and modifying graphical images using the software most commonly found in the graphic design industry today: Adobe Photoshop, Adobe Illustrator, and Macromedia FreeHand. Photoshop is used for the capture and manipulation of images either scanned or digitally photographed; Illustrator and FreeHand are used for the original creation of both type and artwork, with emphasis on layout, color and content. (Also listed as, and equivalent to, CIS-082D.)
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CIS-070A
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

DDP-002 COMPUTER GRAPHICS II  Units: 3
This course provides advanced applications in computer graphics techniques, using the software most commonly found in the graphic design industry today: Adobe Photoshop, Adobe Illustrator, and Quark XPress. Emphasis is placed on the computer as a design tool to assemble type and manipulate images for the printed page and Web publication. (Also listed as, and equivalent to, CIS-083D.)
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: DDP-001 or CIS-082D
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

DDP-010 GRAPHIC DESIGN I  Units: 3
Students in this course utilize computers to solve visual communication and design problems using graphic components. Topics covered include typography, logos/marks/symbols/pictographs, corporate identity, graphic techniques (both digital and traditional), introduction to advertising design, digital prepress and press. Adobe Photoshop and Adobe Illustrator software are used to create final images. (Also listed as, and equivalent to, ART-040.)
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ART-003A or concurrent enrollment
Advisory: DDP-001 strongly recommended
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

DDP-011 GRAPHIC DESIGN II  Units: 3
Students in this course utilize computers to solve communication and design problems for traditional and new media using graphic, audio, and animation components. Topics covered include traditional and digital typography, animation, motion graphics, sound, new media as communication, nonlinear interactive design, and electronic page design. (Also listed as, and equivalent to, ART-041.)
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: DDP-010 or ART-040
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

DDP-020 NEW MEDIA I  Units: 3
Students use a computer to create multimedia presentations that synthesize photography, graphics, video, sound, and animation as well as making traditional and web-based interactive presentations.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: DDP-001 or CIS-082D
Advisory: DDP-010 or ART-040
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

DDP-021 NEW MEDIA II  Units: 3
Students use a computer to create advanced multimedia presentations that synthesize photography, graphics, video, sound, and animation as well as making traditional and web-based interactive presentations.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: DDP-020
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

DDP-031 DIGITAL PHOTOGRAPHY  Units: 3
This course provides an introduction to the tools, materials and techniques of digital photography. Students learn to capture images using a digital camera or camcorder. Topics include the use of digital interfaces, printers and file formats as well as the preparation of images for web use. A digital camera or digital video camcorder is required. (Also listed as, and equivalent to, ART-031.)
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: DDP-020
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

DDP-032 APPLIED DIGITAL PHOTOGRAPHY  Units: 3
This course provides intermediate and advanced instruction in applied digital photography. Students expand their basic digital photography skills to produce digital photographs for the web, prints or slide presentations. Emphasis is placed on taking high quality digital photographs, utilizing advanced image editing software and producing images suitable for prints, publication or the web. A digital camera of at least 2 megapixels is required and Adobe Photoshop software is recommended. Students should have access to a computer capable of handling digital photo files, a photo quality printer and USB connections.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: DDP-031 or ART-031
Corequisite: DDP-001 or ART-041
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None
DISABLED STUDENTS PROGRAMS & SERVICES

DSPS-040 SURVEY OF RESOURCES FOR STUDENTS WITH DISABILITIES
This course focuses on self-assessment of the student who is disabled. It also introduces the student to the information and skills necessary for success in college. Course topics include development of personal goals, as well as use of services provided by DSPS, other student support services and community resources. Students develop realistic educational plans consistent with their educational goals and learn what accommodations will be necessary to achieve these goals.
Lecture Hours: 36  Lab Hours: 0  Repeatable: No  Grading: L
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

DSPS-040A PERSONAL ASSESSMENT FOR STUDENTS WITH DISABILITIES
This course teaches students how to explore the personal, educational, and vocational impact of their disability. Emphasis will be to research information regarding the medical/psychosocial aspects of disabilities, accommodations, and resources.
Lecture Hours: 36  Lab Hours: 0  Repeatable: No  Grading: L
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

DSPS-040B EMPLOYMENT FOR INDIVIDUALS WITH DISABILITIES
This course focuses on the fundamentals of employment and the process of developing goals for future employment of persons with disabilities.
Lecture Hours: 36  Lab Hours: 0  Repeatable: 2  Grading: L
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

DSPS-041 INFORMATION MANAGEMENT STRATEGIES
Course emphasis is to develop and enhance the ability of students with disabilities to manage and organize information. Multi-media instruction is utilized. The lecture section includes specific software programs and hardware designed to assist students in the management of information in a technological society. The lab section provides repetition of the stimulus topic via software utilization, specialized hardware, plus individualized computer assisted instruction.
Lecture Hours: 27  Lab Hours: 27  Repeatable: 3  Grading: L
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

DSPS-042 ALTERNATIVE LEARNING STRATEGIES
This course provides specialized computer assisted instruction primarily for students with learning disabilities and/or acquired brain injuries. Students with other disabilities may also benefit from this course. Students are provided with strategies and opportunities to maximize their learning potential and increase academic competency.
Lecture Hours: 27  Lab Hours: 27  Repeatable: 0  Grading: L
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

DSPS-044 COMPUTER ACCESS KEYBOARDING
This course provides specialized hardware and software to students in order to successfully access and utilize a keyboard, mouse and word processing programs.
Lecture Hours: 0  Lab Hours: 54  Repeatable: 3  Grading: L
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

DSPS-045A JOB SKILLS DEVELOPMENT - VOCATIONAL EXPLORATION
This course is designed to assist students with disabilities in developing specific goals for employment. Its focus is on personal and vocational assessment, clarification of values, identification of skills, and the development of a vocational plan.
Lecture Hours: 18  Lab Hours: 0  Repeatable: 2  Grading: L
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

DSPS-045B JOB SKILLS DEVELOPMENT - JOB APPLICATIONS AND RESUME WRITING
This course is designed to assist students with disabilities in successfully completing job applications and writing a resume, complete with cover letter.
Lecture Hours: 9  Lab Hours: 0  Repeatable: 2  Grading: L
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

DSPS-045C JOB SKILLS DEVELOPMENT - JOB INTERVIEW SKILLS
This course is designed to assist students with disabilities to develop competitive job interview skills.
Lecture Hours: 9  Lab Hours: 0  Repeatable: 2  Grading: L
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None
**DSPS-047 COMPUTER ACCESS APPLICATIONS**  
Units: 1  
Students with verified disabilities are provided with advanced training in specific adaptive computer technologies so they may complete regular course assignments.  
Lecture Hours: 0  
Lab Hours: 54  
Repeatable: 3  
Grading: L  
Advisory: Intended for students with disabilities  
CAN: None  
Transfer Status: None  
Degree Applicable: NAA  
COD GE: None  
CSU GE: None  
IGETC: None

**DSPS-301 SPECIALIZED LEARNING SKILLS DEVELOPMENT**  
Units: 0  
Students are individually evaluated to determine their specific learning disability. Individual learning strategies are developed and students learn to use appropriate accommodations.  
Class Hours: Open  
Repeatable: Yes  
Grading: K  
Prerequisites: Students must be referred by the Learning Disability Specialist  
Corequisite: DSPS-304  
CAN: None  
Transfer Status: None  
Degree Applicable: NONC  
COD GE: None  
CSU GE: None  
IGETC: None

**DSPS-304 INSTRUCTIONAL SUPPORT LAB**  
Units: 0  
The Instructional Support Lab is a laboratory setting that provides access to adaptive hardware and software with a Disability Specialist/Instructor for students with disabilities. Under the direction of the instructor, students utilize specialized equipment to assist in completion of assignments from their academic classes and enhance academic skills.  
Class Hours: Open  
Repeatable: Yes  
Grading: K  
Advisory: Intended for students with disabilities  
CAN: None  
Transfer Status: None  
Degree Applicable: NONC  
COD GE: None  
CSU GE: None  
IGETC: None

**DSPS-305 COMPUTER ACCESS ASSESSMENT**  
Units: 0  
Selected adaptive technology is utilized by students with verified disabilities in order to evaluate which technology they may best benefit from and its effectiveness as it relates to their personal utilization and academic success.  
Class Hours: Open  
Repeatable: Yes  
Grading: K  
Advisory: Intended for students with disabilities  
CAN: None  
Transfer Status: None  
Degree Applicable: NONC  
COD GE: None  
CSU GE: None  
IGETC: None

**DRAFTING, GENERAL & COMPUTER**

**DRA-001 TECHNICAL DRAFTING I**  
Units: 3  
This course introduces students to general and architectural drafting skills. Students learn to differentiate among several drafting techniques. This course prepares students for higher level drafting courses and more complex drawing types.  
Lecture Hours: 36  
Lab Hours: 54  
Repeatable: No  
Grading: L  
Prerequisite: ENG-050 and MATH-057  
CAN: None  
Transfer Status: CSU  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None

**DRA-008 AUTOCAD LEVEL I: BASIC DRAWING TECHNIQUES**  
Units: 2  
This course covers the basics of computer aided drafting and design including hardware, software, operating systems and development of skills for creating and plotting simple technical and architectural drawings using AutoCAD software.  
Lecture Hours: 18  
Lab Hours: 54  
Repeatable: No  
Grading: L  
Prerequisite: CIS-070A  
Advisory: DRA-001  
CAN: None  
Transfer Status: CSU/UC*  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None

**DRA-009 AUTOCAD LEVEL II: ADVANCED DRAWING TECHNIQUES**  
Units: 2  
This course covers advanced drawing techniques. Students study productivity techniques, advanced dimensioning, hatching, multiple viewpoint plotting using AutoCAD software. Students develop skills in creating 3D drawing and surface remodeling.  
Lecture Hours: 18  
Lab Hours: 54  
Repeatable: No  
Grading: L  
Prerequisite: DRA-008  
CAN: None  
Transfer Status: CSU/UC*  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None

**DRA-010 CAD DRAFTING/DESIGN PROJECT**  
Units: 2  
This course provides training in applying the principle techniques of computer-aided drafting and design to selected projects. Students with majors or interest in architecture, drafting, interior design, landscape design or engineering, with the approval of their professor, will select projects to be produced using AutoCAD.  
Lecture Hours: 18  
Lab Hours: 54  
Repeatable: No  
Grading: L  
Prerequisite: DRA-009  
CAN: None  
Transfer Status: CSU/UC*  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None

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DRA-011 INTRODUCTION TO SKETCHUP AND REVIT
This course covers the basic principles of 3-dimensional CAD modeling from a conceptual stage to a transitional architectural design and documentation platform built on Building Information Modeling (BIM) using SketchUp and Revit software respectively.
Lecture Hours: 36 Lab Hours: 54 Repeatable: No Grading: L
Prerequisite: DRA-008
Advisory: ENG-051
COD GE: None CSU GE: None IGETC: None
Transfer Status: None Degree Applicable: AA/AS
CAN: None

EARLY CHILDHOOD EDUCATION

ECE-001 PRINCIPLES AND PRACTICES OF TEACHING
This course provides an introduction to the critical principles and practices of interactions among adults and children as evidenced by meaningful relationships, developmental play and reflections which are the cornerstone of early childhood education. Students consider developmental theory and its implications on interaction through play and relationships. The course also briefly provide an overview of the field of child development/early childhood education, including the historical and philosophical foundations and how those foundations influence current theory and practice. An exploration of the various types of programs for young children and the job potential for students are included.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050 or concurrent enrollment Advisory: ENG-051
Advisory: ENG-051
COD GE: None CSU GE: None IGETC: None

ECE-010 CHILD GROWTH & DEVELOPMENT
This course studies the developing child with emphasis on the biosocial, cognitive, and psychosocial growth from conception through eighteen years of age. It includes the major theories of development. Observations provide opportunity for integration of theory and practice for typically developing children as well as those with disabilities. It is the basic introductory course for all Early Childhood Education majors, and is required for teacher licensing in private centers, and teacher certification for publicly funded centers.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050 Advisory: ENG-051
Advisory: ENG-051
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

ECE-010A PRESCHOOL CHILD DEVELOPMENT
This course studies the developing child with emphasis on the biosocial, cognitive, and psychosocial growth from three through five years of age. It includes the major theories of development regarding in-depth understanding of development from 36-60 months.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ECE-010 Advisory: ENG-051
Advisory: ENG-051
CAN: None
Transfer Status: CSU/UC* Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

ECE-010B CHILD DEVELOPMENT: SCHOOL AGE & ADOLESCENCE (AGES 6-18)
This course studies the developing child with emphasis on the biosocial, cognitive, and psychosocial growth from six years of age through adolescence. Identification of the key concepts, comparison of theoretical perspective, application of empirical generalizations, and analysis of major issues for this age group is of primary concern for this course.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ECE-010 or ECE-010A
Advisory: ENG-051
COD GE: None CSU GE: None IGETC: None

ECE-012 CHILD, FAMILY & COMMUNITY
This course studies the influence of contemporary family and cultural patterns on young children. Emphasis is placed on establishing effective school-parent relationships through a variety of techniques. Community resources and agencies that strengthen families are examined. This course is required by the California State Department of Social Services for teachers and directors of preschool programs.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ECE-010 or ECE-010A or concurrent enrollment Advisory: ENG-051
Advisory: ENG-051
COD GE: None CSU GE: None IGETC: None

ECE-016 PARENTING THE CHILD UNDER 6
This course explores parent-child interaction patterns. Students examine age-appropriate behaviors, problem behaviors, observation and communication strategies. Special attention is given to family structures, cultural backgrounds, and parenting children with disabilities.
Lecture Hours: 18 Lab Hours: 0 Repeatable: No Grading: L
CAN: None
Transfer Status: None Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None
ECE-019 CHILDREN'S LANGUAGE AND LITERATURE Units: 3
This course explores ways children develop language and emerging literacy skills as well as methods of fostering literacy development in young children through all areas of the curriculum. Special emphasis is given to children who develop two or more languages in the early years and methods of enhancing the home language while building English competency. It includes the study of children's literature, standards for evaluating books and computer software, techniques of story telling and puppetry.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ECE-010 or ECE-010A
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

ECE-020 INFANT/TODDLER GROWTH AND DEVELOPMENT Units: 3
This course studies the process of human development from conception through age three as determined by heredity, society and human interaction with implication for child guidance. Prenatal development and the birth process are emphasized. Planning appropriate curriculum that respects the individuality and developmental patterns of all children including cultural, linguistic and ability differences are emphasized.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ECE-010 or ECE-010A Advisory: ENG-051
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

ECE-021 INFANT/TODDLER ENVIRONMENTS Units: 3
This course prepares students to develop and implement an infant and/or toddler curriculum including design of a developmentally appropriate learning environment. Licensing requirements and teacher competency necessary for working with infants and toddlers are explored.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ECE-020 Advisory: ENG-051
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

ECE-023 THE MENTOR TEACHER/ADULT SUPERVISION Units: 2
Methods and principles of supervising adults who are student teachers, assistants or volunteers in early childhood classrooms. Emphasis is on the role of experienced classroom teachers who function as mentors to new teachers while simultaneously addressing the needs of children, parents and other staff.
Lecture Hours: 36 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ECE-046 or ECE-046A
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

ECE-024 ADMINISTRATION OF PROGRAMS FOR YOUNG CHILDREN Units: 3
This course examines the requirements for the administration of programs for young children including private and publicly funded preschool programs, emphasizing business procedures. It is required by the State Department of Social Services for directors of private preschools and child care programs.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ECE-010 or ECE-010A & completion of 9 units in ECE
Advisory: ENG-001A
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

ECE-025 ADVANCED ADMINISTRATION OF PROGRAMS FOR YOUNG CHILDREN Units: 3
This course provides an advanced level of administrative and managerial knowledge needed to operate a child care center as a successful business. Emphasis is on leadership, emerging issues in early childhood education, continuous improvement, systems thinking, creating learning communities, advocacy and professionalism.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ECE-024, completion of 12 units in ECE
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

ECE-026 SCHOOL AGE CURRICULUM AND ACTIVITIES Units: 3
This course studies creation and application of curriculum and developmentally appropriate activities for children ages six through adolescence. Primary considerations are given to assessment, planning, implementation and evaluation of programs. Standards for quality school-age experience are used to assess quality indicators in the areas of human relationships, indoor and outdoor environments, activities, health, nutrition, safety and administration.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ECE-010B
CAN: None
Transfer Status: None Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

ECE-030 EARLY CHILDHOOD CURRICULUM DESIGN & IMPLEMENTATION Units: 3
This course is a study of curriculum development for early childhood programs. It includes the relationship of child development principles to curriculum design and organization. Daily routine, room arrangement, and the development of social, emotional, physical, aesthetic and cognitive skills are emphasized. Curriculum planning for individual differences is emphasized.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ECE-046 or ECE-046A Advisory: ENG-051
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None
ECE-031 CHILD ABUSE AND NEGLECT Units: 3
This course examines physical abuse and neglect, emotional abuse and neglect, and sexual abuse of children, as well as issues which contribute to abuse and neglect. The developmental consequences of stress and trauma on children are explored. Emphasis is placed on ways to support family strengths, foster positive mental health and prevent, detect and intervene in cases of child abuse. Mandated reporting protocols are reviewed.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ECE-010 or ECE-010A
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

ECE-033 SURVEY OF SPECIAL EDUCATION Units: 3
This course provides an introduction to special education in the public schools with an emphasis on inclusion in early childhood education. Legal aspects, assessment, placement and the disabilities served in public schools and child care settings are examined. The role of childcare professionals and paraprofessionals in serving children with disabilities is emphasized. Strategies to include children with special needs in full inclusion settings are stressed.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ECE-010 or ECE-010A
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

ECE-035 ISSUES IN SPECIAL EDUCATION Units: 3
This course prepares students to become teachers in Inclusive Programs. The focus of the course is on implementing inclusive Early Childhood Programs for children with learning disabilities, developmental disabilities, physical challenges, and problem behaviors. Students learn how to facilitate curriculum as well as how the learning environment dictates children's learning and behavior.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ECE-033
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

ECE-036 MUSIC FOR YOUNG CHILDREN Units: 3
This course emphasizes the development of curriculum ideas for using music to develop listening ability, movements, rhythm dancing, singing, identifications of instruments and pitch. Teaching techniques and materials appropriate to the growth and development of young children are explored.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ECE-010 or ECE-010A or concurrent enrollment
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

ECE-038 SCIENCE AND NUMBER CONCEPTS FOR YOUNG CHILDREN Units: 3
This course explores the development of curriculum ideas for teaching about the environment and conservation of natural resources to young children. It includes the sequence of mathematical concepts appropriate to different stages of development.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ECE-010 or ECE-010A or concurrent enrollment
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

ECE-040 INTRODUCTION TO CURRICULUM Units: 3
This course examines materials and techniques in teaching creative activities and movement to young children. Developing creativity and self confidence is emphasized. Various sensory modalities are explored as a sensory-motor environment is developed for the young child.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ECE-010 or ECE-010A or concurrent enrollment
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

ECE-044 HEALTH, SAFETY & NUTRITION Units: 3
This course provides information on the physical and mental health of children in an early childhood educational setting. Safety concerns for young children in preschool settings are addressed. Nutrition of young children is exploredincluding methods of planning and teaching basic concepts to children. Also included are information on safety standards, sanitation principles and procedures to reduce the spread of disease. Title 22 health and safety regulations for child care centers are reviewed.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ECE-010 or ECE-010A Advisory: ENG-051
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

ECE-045 TEACHING IN A DIVERSE SOCIETY Units: 3
This course is designed to help students become teachers who can explore and address diversity in ways that enhance the development of children in early childhood settings. It will address attitudes and behaviors toward others in the areas of culture, race, gender, age and abilities; the development of an anti-bias curriculum; the analysis of the classroom environment for culturally relevant and diverse materials and resources; as well as developmental issues and advocacy.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ECE-010 or ECE-010A Advisory: ENG-051
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None
ECE-045A  LICENSED FAMILY CHILD CARE  Units: 2
This course prepares students to integrate basic principles of child development in establishing a quality child care program within a family home environment. How to set up a record keeping system and files for each child is emphasized. Information about the use of the Family Day Care Rating Scale (FDCRS) as it applies to quality care is reviewed. Establishing good health, safety, nutrition and discipline policies and practices that support all children in a quality home environment are explored. Understanding the principles of developmentally appropriate curriculum in working with children of various ages is also included.
Lecture Hours: 18  Lab Hours: 108  Repeatable: No  Grading: L
COD GE: None  CSU GE: None  IGETC: None
Transfer Status: None  Degree Applicable: AA/AS
Advisory:
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ECE-046A  OBSERVATION & ASSESSMENT  Units: 3
(formerly ECE-046)
This course explores an array of child observation and study methods to understand and articulate developmental needs of each child upon which to base lesson development and child guidance. Applying developmental theory and brain research to design early childhood settings, understanding and guiding child behavior, communicating and interacting with young children through developmentally and culturally appropriate practices for young children are also studied.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ECE-010 or ECE-010A or concurrent enrollment
Advisory: ENG-001A
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ECE-047  PRACTICUM IN EARLY CHILDHOOD EDUCATION  Units: 3
(formerly ECE-048)
This course explores the application of child development theory to facilitate learning among young children including promoting self-esteem, creativity, self-discipline, development of physical and cognitive skills and literacy, and planning appropriate curriculum. Under the supervision of the laboratory teacher or mentor teacher, students participate in all classroom activities. Students plan developmentally and culturally appropriate curriculum that integrates theoretical concepts and brain research with classroom practice. Students assess their own professional competence and progress toward their own goals. Students write resumes and develop interview skills while developing a plan for future employment and growth.
Lecture Hours: 18  Lab Hours: 108  Repeatable: No  Grading: L
Prerequisite: ECE-046 or ECE-046A
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

ECON-001  PRINCIPLES OF MACROECONOMICS  Units: 3
This course is an introduction to economic theory and analysis with an emphasis on basic economic concepts, national income determination and fluctuations, unemployment, inflation, economic growth, the role of money and banking and monetary theory, and the economic role of government. Current economic issues are also discussed in the context of a global economy.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050 and MATH-057
CAN: ECON 2
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C2  CSU GE: D2  IGETC: 4B

ECON-002  PRINCIPLES OF MICROECONOMICS  Units: 3
This course is an introduction to economic theory and analysis with an emphasis on the features of a market economy, role and behavior of consumers, businesses, owners of resources, government and the international sector. Efficiencies and deficiencies of a market system are explored and the role of government intervention is discussed.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050 and MATH-057
CAN: ECON 4
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C2  CSU GE: D2  IGETC: 4B

ECON-011  INTERNATIONAL ECONOMIC RELATIONS  Units: 3
The course is the study of international trade, foreign investment, transfer of technology, and the international flow of labor. Students become familiar with the principles of international economic relations and its complexities through class lectures, review of current literature, and class discussions.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C2,C5  CSU GE: D2  IGETC: 4B

ECON-012  UNDERSTANDING ECONOMIC PRINCIPLES & APPLICATIONS  Units: 3
This course provides students with an introductory knowledge of fundamental economic principles and issues. It prepares students to make critical evaluation of economic issues and policies and make more informed decisions as voters. It teaches students how to apply economic principle and analysis to their own economic and financial decisions such as setting career and financial goals and managing their personal finances. It prepares students for taking principles of macro and micro economics.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: 0
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: C2  CSU GE: D2  IGETC: None

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EMERGENCY MEDICAL TECHNOLOGY

EMT-084 EMERGENCY MED TECH I Units: 6
This course prepares students for EMT I certification. Students study and practice the fundamental principles and skills required to provide care to patients experiencing trauma and emergency medical conditions. This course is approved by Riverside County EMS and meets all Title 22 regulations. The course includes theory instruction, skills practice, and supervised field and clinical time in selected prehospital sites.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050
COD GE: None CSU GE: None IGETC: None
Transfer Status: None Degree Applicable: AA/AS
CAN: None
Advisory:

EMT-085 EMT REFRESHER COURSE Units: 2
This refresher course for EMT I personnel meets or exceeds the requirements specified in the California Code of Regulations, Title 22, Chapter 5, Section 9. The re-certification shall be available for those whose EMT cards have not expired for more than one (1) year. The course contains information on new EMT techniques and procedures, refresher for cardiopulmonary resuscitation, and a review of current local protocols. Both a written and skills competency examinations are required for course completion. This course may be taken for a total of four times.
Lecture Hours: 72 Lab Hours: 0 Repeatable: Yes Grading: L
Prerequisite: EMT-084 or EMT I certification
COD GE: None CSU GE: None IGETC: None
Transfer Status: None Degree Applicable: AA/AS

ENGINEERING

ENGR-010 INTRODUCTION TO PLANE SURVEYING Units: 4
This course is designed for students to acquire skills relevant to land surveying. Students learn fundamental surveying techniques involving linear, angular, and area calculations, and measurements. Field experience will include use of steel tapes, engineer's level, transit, theodolite, electronic distance measurements, and electronic calculators in solving surveying problems. Property conveyances, easements, state and local laws, ordinances, and policies are introduced.
Lecture Hours: 54 Lab Hours: 54 Repeatable: No Grading: L
Advisory: ENG-051, RDG-051 and MATH-005
COD GE: None CSU GE: None IGETC: None
Transfer Status: CSU Degree Applicable: AA/AS

ENGLISH

ENG-001A COMPOSITION Units: 4
This course introduces students to the demands of writing in the academic setting. Students learn the basics of critical thinking and research techniques as they apply to the writing process. Students then learn to apply the writing process in composing essays in response to their analysis of prose and poetry.
Lecture Hours: 72 Lab Hours: 0 Repeatable: Yes Grading: L
Prerequisite: ENG-051
COD GE: C4 CSU GE: A2 IGETC: 1A
Transfer Status: CSU/UC Degree Applicable: AA/AS
CAN: ENGL 2; ENGL SEQ A = ENG 1A + 1B

ENG-001B COMPOSITION & LITERATURE Units: 3
This course introduces the student to the genres of imaginative literature—prose fiction, poetry, and drama—with special emphasis on the interrelationships between form and theme. Students write critical essays about the literature.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-001A
COD GE: C3, C5 CSU GE: C2 IGETC: 3B

ENG-005A CREATIVE WRITING Units: 3
This course introduces students to the perceptions, skills and techniques of all forms of creative writing, with primary emphasis on fiction and poetry.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-001A
COD GE: None CSU GE: None IGETC: None

ENG-005B ADVANCED CREATIVE WRITING Units: 3
This is an advanced course designed to enable students to refine their creative writing skills in their chosen genre.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-005A
COD GE: None CSU GE: None IGETC: None

ENG-010A AMERICAN LITERATURE I Units: 3
This course presents a survey of American literature, both formal and informal, extending from the period preceding Columbus’ voyages through the time of the Civil War. Selections include writings that reflect the rich and diverse cultural backgrounds that make up America’s unique and complex heritage.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-001A
COD GE: C3, C5 CSU GE: C2 IGETC: 3B

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ENG-010B AMERICAN LITERATURE II  Units: 3
This course presents a survey of late 19th and 20th Century American literature. Selections include writings of traditional and non-traditional American authors that reflect the rich and diverse cultural backgrounds that make up America’s unique and complex heritage.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-001A  Advisory: ENG-001B
Can: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3,C5  CSU GE: C2  IGETC: 3B

ENG-011A SURVEY OF ENGLISH LITERATURE TO 18TH CENTURY  Units: 3
This course surveys the major writers and works of English literature of the Old English, Middle-English, the Renaissance, and the Seventeenth and Eighteenth Centuries.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-001A
Can: ENGL 8; ENGL SEQ B = ENG 11A + 11B
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3,C5  CSU GE: C2  IGETC: 3B

ENG-011B SURVEY OF ENGLISH LITERATURE (ROMANTIC-MODERN)  Units: 3
This course surveys the major writers and works of English literature of the Romantic, Victorian, Edwardian, and Modern Periods.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-001A
Can: ENGL 10; ENGL SEQ B = ENG 11A + 11B
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3,C5  CSU GE: C2  IGETC: 3B

ENG-012A WORLD LITERATURE I  Units: 3
This course presents a survey of the literary works that have influenced world thought from Homer through the Renaissance to 1660. Classics in all genre are studied for their artistic merit and their contributions to modern life.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-001A
Can: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3,C5  CSU GE: C2  IGETC: 3B

ENG-012B WORLD LITERATURE II  Units: 3
This course surveys works which have influenced world thought from 1660 to the present. Selections reflect the rich and diverse cultural backgrounds of world literature. This course may be taken independently from World Literature I, ENG 12A.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-001A
Can: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3,C5  CSU GE: C2  IGETC: 3B

ENG-014 SHAKESPEARE  Units: 3
This course is a study of selected histories, comedies, and tragedies of William Shakespeare.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-001A
Can: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3  CSU GE: C2  IGETC: 3B

ENG-015 THE SHORT STORY  Units: 3
This course introduces the student to the techniques and development of fiction by the discussion and criticism of short stories from countries throughout the world.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-001A  Advisory: ENG-001B
Can: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3,C5  CSU GE: C2  IGETC: 3B

ENG-016 LITERATURE OF THE DESERT  Units: 3
This course surveys non-fiction, fiction, and poetry written about the desert, inspired by the desert, and by authors living in the desert, with emphasis on the desert literature of the southwestern United States. The course includes an introduction to the desert environment, and appeals to the individual student’s relation to the desert. Field trips may be required.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-001A
Can: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3  CSU GE: C2  IGETC: 3B

ENG-017 WOMEN IN LITERATURE  Units: 3
This course presents a survey of literature written by and about women in the American, European, Asian, and Latin American traditions. Students examine archetypes and stereotypes of women as they are challenged in the literature.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-001A  Advisory: ENG-001B
Can: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3  CSU GE: C2  IGETC: 3B

ENG-018 INTRODUCTION TO POETRY  Units: 3
This course introduces the student to the techniques and development of poetry through the discussion and criticism of poetry in its historical context. Students are encouraged to compose own poems based on forms studied in the course.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-001A
Can: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3,C5  CSU GE: C2  IGETC: 3B
ENG-021 INTRODUCTION TO LATIN AMERICAN/CHICANO LITERATURE
Units: 3
This course is a survey of literary analysis of folk, traditional, and contemporary Latin American/Chicano literature with critical analysis of representative works in all literary genre: the essay, the short story, the novel, poetry, and drama.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-001A
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3,C5 CSU GE: C2 IGETC: 3B

ENG-022 INTRODUCTION TO AFRICAN AMERICAN LITERATURE
Units: 3
This course provides an introduction to folk, traditional and contemporary African American literature with critical analysis of representative works in the essay, the short story, the novel, poetry and drama. It includes a historical overview from the seventeenth century through the present. Through varied reading selections and learning about the history and culture of African Americans in the United States, the students better understand and appreciate the richness and diversity of African American literature.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-001A
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3,C5 CSU GE: C2 IGETC: 3B

ENG-023 INTRODUCTION TO AUTOBIOGRAPHY
Units: 3
This course introduces students to the different forms and theories of autobiography and personal narrative. It also provides the opportunity for them to begin to write their own life stories. Students read and analyze different examples of the genre, such as memoirs, diaries, and journals, as well as book-length autobiographies. The course fulfills an English elective for the English Composition major.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-001A
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3 CSU GE: C2 IGETC: None

ENG-024 NATIVE AMERICAN LITERATURE
Units: 3
A survey of Native American literature, from oral tradition through European contact, assimilation, and contemporary narrative.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-001A
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3,C5 CSU GE: C2 IGETC: 3B

ENG-025 INTRODUCTION TO THE NOVEL
Units: 3
This course introduces students to the techniques and development of fiction by the discussion and criticism of novels from countries throughout the world.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-001A
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3,C5 CSU GE: C2 IGETC: 3B

ENG-026 THE LESBIAN, GAY, BISEXUAL, AND TRANSGENDER LITERARY EXPERIENCE
Units: 3
A survey of literature written by and about lesbians, gays, bisexuals, and transgender people. The course explores representations of LGBT people in fiction, poetry, and drama. Appropriate literary criticism is introduced. Students examine stereotypes and their Deconstruction in literature. The class invites students to explore the diversity of human life.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-001A
Advisory: ENG-001B
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3 CSU GE: None IGETC: None

ENG-031 THE BIBLE AS LITERATURE: THE OLD TESTAMENT
Units: 3
This course provides a survey of the Old Testament of the Bible, from a literary and philosophical point of view, with attention also paid to the ancient Near-Eastern texts and to the Jewish Apocrypha. It introduces the great characters and events in the context of the developmental nature of this literature.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-001A
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3,C5 CSU GE: C2 IGETC: 3B

ENG-032 THE BIBLE AS LITERATURE: THE NEW TESTAMENT
Units: 3
This course provides a survey of the New Testament of the Bible, from a literary and philosophical point of view, with attention also paid to the Dead Sea Scrolls material and 1st and 2nd century writings related to the New Testament. It introduces the great characters and events in the context of the developmental nature of this literature.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-001A
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3,C5 CSU GE: C2 IGETC: 3B

ENG-035 MYTH AND LEGEND
Units: 3
This course provides an introduction to the mythological and legendary literature from various world cultures, with special reference to Judeo-Christian, Oriental, Native American, Northern European, and classical Greek and Roman mythologies.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-001A
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3,C5 CSU GE: C2 IGETC: 3B
### ENG-036  CHILDREN'S LITERATURE  Units: 3
This course introduces students to a formal study of literature for children from elementary through middle school, including critical examination of genres, themes, and cultures depicted in these texts; in addition, students study the professional literary criticism of this literature.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
**Prerequisite:** ENG-001A
**CAN:** None
**Transfer Status:** CSU/UC
**Degree Applicable:** AA/AS
**Corequisite:** ESL-055B & RESL-050
**COD GE:** C3  **CSU GE:** C2  **IGETC:** None

### ENG-041  TECHNICAL AND PROFESSIONAL WRITING  Units: 3
This course teaches students to write effectively within the business environment. Specifically, they study common types of business or office written communication and techniques for producing standard professional final copy. Students also learn to write business letters, status reports, grant proposals, memos, researched formal reports and manuals.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
**Prerequisite:** ENG-051
**CAN:** None
**Transfer Status:** CSU
**Degree Applicable:** AA/AS
**COD GE:** C4  **CSU GE:** None  **IGETC:** None

### ENG-050  BASIC WRITING SKILLS  Units: 3
This course provides extensive study of basic writing skills in preparation for higher level writing courses. Students write paragraphs and short essays and develop an awareness of correct grammar, usage, and mechanical skills. (Equivalent to ESL-050B.)
Lecture Hours: 54  Lab Hours: 16  Repeatable: No  Grading: O
**CAN:** None
**Transfer Status:** None  **Degree Applicable:** NAA
**COD GE:** None  **CSU GE:** None  **IGETC:** None

### ENG-051  INTRODUCTION TO EXPOSITORY WRITING  Units: 3
This course helps students improve their skills in expository writing, including a review of grammar and sentence skills to prepare them for college level courses. (Equivalent to ESL-051.)
Lecture Hours: 54  Lab Hours: 16  Repeatable: No  Grading: O
**Prerequisite:** ENG-050 or ESL-050B
**CAN:** None
**Transfer Status:** None  **Degree Applicable:** AA/AS
**COD GE:** None  **CSU GE:** None  **IGETC:** None

### ENG-055  FUNDAMENTALS OF GRAMMAR  Units: 3
This course is designed to provide students with intensive study and application of the fundamentals of English grammar and structure in preparation for further collegiate level writing courses. Concurrent enrollment in or completion of ENG-050 is recommended.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: O
**Advisory:** ENG-050
**CAN:** None
**Transfer Status:** None  **Degree Applicable:** NAA
**COD GE:** None  **CSU GE:** None  **IGETC:** None

### ENGLISH AS A SECOND LANGUAGE - CREDIT

#### ESL-050A  TRANSITIONAL BASIC ESL WRITING  Units: 3
**ESL WRITING**
This course provides extensive study of basic writing skills in preparation for higher level writing courses. Primary emphasis is placed on basic sentence and paragraph skills. Students are encouraged to take ESL-055A, Transitional Basic ESL Grammar, at the same time.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: O
**Corequisite:** ESL-055A & RESL-050
**CAN:** None
**Transfer Status:** None  **Degree Applicable:** NAA
**COD GE:** None  **CSU GE:** None  **IGETC:** None

#### ESL-050B  BASIC ESL WRITING  Units: 4
This course provides extensive study of basic writing skills in preparation for higher level writing courses. Students write paragraphs and short essays and develop an awareness of correct grammar, usage, and mechanical skills. (Equivalent to ENG-050.)
Lecture Hours: 54  Lab Hours: 54  Repeatable: No  Grading: O
**Prerequisite:** ESL-050A  **Advisory:** ESL-055B
**CAN:** None
**Transfer Status:** None  **Degree Applicable:** NAA
**COD GE:** None  **CSU GE:** None  **IGETC:** None

#### ESL-051  EXPOSITORY ESL WRITING  Units: 3
This non-transferable course is designed for English as a Second Language students who need further training and practice in expository writing and conventional language skills in preparation for higher level writing courses. Emphasis is on writing of full length essays and research techniques. (Equivalent to ENG-051.)
Lecture Hours: 54  Lab Hours: 16  Repeatable: No  Grading: O
**Prerequisite:** ESL-050B or ENG-050  **Advisory:** ESL-060
**CAN:** None
**Transfer Status:** None  **Degree Applicable:** AA/AS
**COD GE:** None  **CSU GE:** None  **IGETC:** None
ESL-055A  TRANSITIONAL BASIC ESL GRAMMAR  Units: 3
This course focuses on the fundamentals of English grammar with an emphasis on problems encountered by non-native speakers of English.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: O
Advisory: ESL-050A & RESL-050
CAN: None
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

ESL-055B  BASIC ESL GRAMMAR  Units: 3
This course provides intensive study and the fundamentals of English grammar and structure in preparation for college level writing courses.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: O
Prerequisite: ESL-055A
CAN: None
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

ESL-057A  BASIC ESL SPEAKING SKILLS  Units: 3
This course is recommended for non-native speakers of English or bilingual students who wish to improve their spoken English. Students learn standard American speech by practicing pronunciation, intonation, and other oral skills. Emphasis is placed on oral production through practice of speaking exercises in class.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: O
Corequisite: ESL-050A, ESL-055A, RESL-050
CAN: None
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

ESL-057B  ADVANCED ESL SPEAKING SKILLS  Units: 3
This course is a continuation of ESL-057A. Students focus on sentence stress and other advanced phonetic skills necessary for improved fluency in standard American speech. Students engage in various types of oral production activities, including outlining and delivering oral presentations and interviewing in order to develop a personal style of communication. Students also engage in activities to improve listening and note-taking skills.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: O
Corequisite: ESL-050B, ESL-055B, RDG-050
CAN: None
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

ESL-060  ADVANCED ESL GRAMMAR  Units: 3
This course is the most advanced level of grammar courses offered in the Credit-ESL Program. Emphasis is placed on the application of complex grammatical structures in the writing process.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: O
Prerequisite: ESL-055B  Advisory: ESL-051
CAN: None
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

ESL-097A-D  ESL LABORATORY  Units: ½
Lecture Hours: 0  Lab Hours: 27  Repeatable: No  Grading: K
ESL Lab is an open entry/open exit environment designed to provide opportunities for students in all segments of the college community to develop their writing skills. Emphasis is on the one-to-one tutorial approach, computer-assisted instruction, word composing/processing and audio-visual.
Corequisite: Any credit ESL course
CAN: None
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

ENGLISH AS A SECOND LANGUAGE - NONCREDIT

ESLN-309A  ESL - LITERACY  Units: 0
This literacy level comprehensive English as a Second Language course emphasizes the development of the very basic English literacy skills.
Class Hours: Open  Repeatable: Yes  Grading: K
CAN: None
Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

ESLN-310A  ESL - COMPREHENSIVE I  Units: 0 (Low Beginning)
This first level comprehensive English as a Second Language course introduces students to the main structures of functional American grammar and stresses the simple present and present continuous tenses in reading, writing, listening and speaking. This course is recommended for non-native speakers of English or bilingual students who wish to improve their spoken English. Students learn standard American speech by practicing pronunciation, intonation, and other oral skills. Emphasis is placed on oral production through practice of speaking exercises in class.
Lecture Hours: 54  Lab Hours: 0  Repeatable: Yes  Grading: O
Corequisite: ESLN-308A or appropriate ESLN Placement Test score or Instructor recommendation
CAN: None
Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

ESLN-310B  ESL - COMPREHENSIVE II  Units: 0 (High Beginning)
This second level comprehensive English as a Second Language course reinforces previously learned grammatical structures, as well as reading, writing, listening and speaking skills from Level I, with emphasis on developing a higher level of fluency in these areas.
Class Hours: Open  Repeatable: Yes  Grading: K
Corequisite: ESLN-309A or appropriate ESLN Placement Test score or Instructor recommendation
CAN: None
Transfer Status: None  Degree Applicable: NONC
COD GE: None  CSU GE: None  IGETC: None

ESLN-310C  ESL - COMPREHENSIVE III  Units: 0 (Low Intermediate)
This third level comprehensive English as a Second Language course reinforces grammatical structures, as well as reading, writing and speaking skills from levels I and II and stresses the
present perfect, the past continuous and the present perfect continuous tenses. Emphasis is placed on expanding the student's oral, reading and writing fluency in English.

Class Hours: Open  Repeatable: Yes  Grading: K

Prerequisite: ESLN-310B or appropriate ESLN Placement Test score or Instructor recommendation

Transfer Status: None  Degree Applicable: NONC

COD GE: None  CSU GE: None  IGETC: None

ESLN-310D ESL - COMPREHENSIVE IV  Units: 0

(Low Intermediate)

This fourth level comprehensive English as a Second Language course reinforces grammatical structures from levels I, II and III and stresses verb patterns, use of conditionals, gerunds and infinitives. Emphasis is on developing the student's reading and oral fluency and the ability to compose a paragraph using Standard English word order and learned conventions.

Class Hours: Open  Repeatable: Yes  Grading: K

Prerequisite: ESLN-310C or appropriate ESLN Placement Test score or Instructor recommendation

Transfer Status: None  Degree Applicable: NONC

COD GE: None  CSU GE: None  IGETC: None

ESLN-310E ESL - COMPREHENSIVE V  Units: 0

(Low Advanced)

This course provides a bridge for noncredit non-native speakers of English preparing to enroll in credit academic and vocational classes. The course provides a basic introduction to the writing process and the development of critical thinking skills. The course emphasizes communication fluency in authentic personal and academic modes.

Class Hours: Open  Repeatable: Yes  Grading: K

Prerequisite: ESLN-310D or appropriate ESLN Placement Test score or Instructor recommendation

Transfer Status: None  Degree Applicable: NONC

COD GE: None  CSU GE: None  IGETC: None

ESLN-388C ESL - CONVERSATION III  Units: 0

(Low Intermediate)

This third level course in ESL Conversation reinforces skills presented in level II and emphasizes skills needed to communicate in small group situations.

Class Hours: Open  Repeatable: Yes  Grading: K

Prerequisite: ESLN-388B or appropriate ESLN Placement Test score or Instructor recommendation

Transfer Status: None  Degree Applicable: NONC

COD GE: None  CSU GE: None  IGETC: None

ESLN-388D ESL - CONVERSATION IV  Units: 0

(Low Intermediate)

This fourth level course in ESL Conversation focuses on recognizing appropriate responses in various conversational situations.

Class Hours: Open  Repeatable: Yes  Grading: K

Prerequisite: ESLN-388C or appropriate ESLN Placement Test score or Instructor recommendation

Transfer Status: None  Degree Applicable: NONC

COD GE: None  CSU GE: None  IGETC: None

ESLN-388E ESL - CONVERSATION V  Units: 0

(Low Advanced)

This fifth level course in ESL Conversation focuses on American culture and using complex grammatical forms in conversational situations.

Class Hours: Open  Repeatable: Yes  Grading: K

Prerequisite: ESLN-388D or appropriate ESLN Placement Test score or Instructor recommendation

Transfer Status: None  Degree Applicable: NONC

COD GE: None  CSU GE: None  IGETC: None

ESLN-389A ESL - INTRODUCTORY COMPUTER SKILLS  Units: 0

This noncredit course is designed to help English learners from high beginning through intermediate levels to develop their oral and written comprehension and writing skills using computers. Students will develop an understanding of computer technology and its importance in the development of English skills.

Class Hours: Open  Repeatable: Yes  Grading: K

Prerequisite: ESLN-310A

Transfer Status: None  Degree Applicable: NONC

COD GE: None  CSU GE: None  IGETC: None

ESLN-390B ESL - PRONUNCIATION AND VOCABULARY  Units: 0

This noncredit course is designed to help intermediate-level students to better communicate orally through practice in recognition and production of the sounds, syllables, rhythm and intonation of Standard English words. In addition, students will learn about word meaning and usage and receive help with common errors for conversation purposes. Emphasis is placed
on developing confidence in oral production through enhanced clarity of communication as well as vocabulary acquisition and building.

Class Hours: Open Repeatable: Yes Grading: L

**Prerequisite:** ESLN-310C or appropriate ESLN Placement Test score or Instructor recommendation

CAN: None
Transfer Status: None Degree Applicable: NONC
COD GE: None CSU GE: None IGETC: None

**ESLN-391B ESL MOVIES: LANGUAGE AND CULTURE**

This noncredit course is designed to help English learners of intermediate and high levels to learn about American culture and language through movies. Students will watch and discuss American movies from various eras that show different aspects of the country’s rich culture, such as music, food, accents, language, and the influence of other cultures. Students will be encouraged to notice cultural differences and respect them.

Class Hours: Open Repeatable: Yes Grading: K

**Prerequisite:** ESLN-310C

CAN: None
Transfer Status: None Degree Applicable: NONC
COD GE: None CSU GE: None IGETC: None

**ESLN-399 ESL - LANGUAGE LABORATORY**

This course satisfies the laboratory component of the noncredit English as a Second Language program and is required when enrolled in the noncredit ESL program. A student will gain greater practice and improvement in oral, auditory, reading, and writing skills in the learning of the English language through the use of multi-media equipment and materials.

Class Hours: Open Repeatable: Yes Grading: K

Corequisite: Any noncredit ESL course

CAN: None
Transfer Status: None Degree Applicable: NONC
COD GE: None CSU GE: None IGETC: None

**ENGLISH FOR MULTILINGUAL STUDENTS**

**EMS-050 READING, WRITING AND GRAMMAR FOR MULTILINGUAL STUDENTS**

This is an integrated writing, reading, grammar skills course specifically designed for multilingual speakers. This course offers an introduction to the writing process and basic writing skills, critical thinking, practice of basic reading skills including vocabulary development and comprehension improvement, and practice in the principles and conventions of standard edited English grammar.

Lecture Hours: 108 Lab Hours: 36 Repeatable: No Grading: O

CAN: None
Transfer Status: None Degree Applicable: NAA
COD GE: None CSU GE: None IGETC: None

**FINANCE**

See Business/Finance (page 153)

**FIRE TECHNOLOGY**

**FIRE-001 FIRE PROTECTION ORGANIZATIONS**

This course surveys career opportunities in California Fire and Emergency Management Services and related fields; explores the history of fire protection; fire loss analysis, reviews public, quasi-public and private fire protection services; reviews specific fire protection functions; introduces fire chemistry and physics. This course is designated as Fire 1 by the California State Board of Fire Services and the State Fire Marshal and is part of the designated core curriculum.

Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L

Advisory: ENG-050

CAN: None
Transfer Status: Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

**FIRE-002 FIRE PREVENTION**

This course provides the fundamental organization and function of fire prevention; inspections; surveying and mapping procedures; recognition of fire and life hazards; engineering a solution of a fire hazard; enforcing solutions to a fire hazard; public relations as effected by fire prevention. This course is designated Fire 2 by the California State Board of Fire Services and the State Fire Marshal and is part of the designated core curriculum.

Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L

Advisory: ENG-050

CAN: None
Transfer Status: Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None
FIRE-003 \textbf{FIRE PROTECTION} \textit{EQUIPMENT AND SYSTEMS} \hspace{1em} \textbf{Units: 3}

This course provides information relating to the features of design and operation of fire detection and alarm systems, heat and smoke control systems, special protection and sprinkler systems, water supply for fire protection, and portable fire extinguishing equipment; protection systems for special hazards; sprinkler systems and fire detection and alarm systems. This course is designated Fire 3 by the California State Board of Fire Services and the State Fire Marshal and is part of the designated core curriculum.

\textit{Lecture Hours: 54} \hspace{1em} \textit{Lab Hours: 0} \hspace{1em} \textit{Repeatable: No} \hspace{1em} \textit{Grading: L}

\textit{Advisory: ENG-050}

\textit{CAN: None}

\textit{Transfer Status: CSU} \hspace{1em} \textit{Degree Applicable: AA/AS} \hspace{1em} \textit{IGETC: None}

\textit{COD GE: None} \hspace{1em} \textit{CSU GE: None}

FIRE-004 \textbf{BUILDING CONSTRUCTION} \textit{FOR FIRE PROTECTION} \hspace{1em} \textbf{Units: 3}

This course provides the fundamentals of building design and construction with emphasis on fire protection features including: building equipment facilities, fire resistant materials and high rise.

\textit{Lecture Hours: 54} \hspace{1em} \textit{Lab Hours: 0} \hspace{1em} \textit{Repeatable: No} \hspace{1em} \textit{Grading: L}

\textit{Advisory: ENG-050}

\textit{CAN: None}

\textit{Transfer Status: CSU} \hspace{1em} \textit{Degree Applicable: AA/AS} \hspace{1em} \textit{IGETC: None}

\textit{COD GE: None} \hspace{1em} \textit{CSU GE: None}

FIRE-005 \textbf{FIRE BEHAVIOR \& COMBUSTION} \hspace{1em} \textbf{Units: 3}

This course explores and analyzes the fundamentals and specific principles of fire behavior, combustible materials, extinguishing agents, hazardous and toxic material, forms of energy and fire prevention/suppression techniques. This course is designated Fire 5 by the California State Board of Fire Services and the State Fire Marshal and is part of the designated core curriculum.

\textit{Lecture Hours: 54} \hspace{1em} \textit{Lab Hours: 0} \hspace{1em} \textit{Repeatable: No} \hspace{1em} \textit{Grading: L}

\textit{Advisory: ENG-050}

\textit{CAN: None}

\textit{Transfer Status: CSU} \hspace{1em} \textit{Degree Applicable: AA/AS} \hspace{1em} \textit{IGETC: None}

\textit{COD GE: None} \hspace{1em} \textit{CSU GE: None}

FIRE-006 \textbf{HAZARDOUS MATERIALS/ICS} \hspace{1em} \textbf{Units: 3}

This course introduces the student to the world of hazardous chemicals, including their physical properties, uses in industry, and characteristics when involved in spills, fires and accidents. Basic information is covered regarding emergency procedures, legal requirements, compliance to regulations, health effects and treatment, and fire department protocols and responsibilities. This course is designated F6 by the State Board of Fire Services and California State Fire Marshal.

\textit{Lecture Hours: 54} \hspace{1em} \textit{Lab Hours: 0} \hspace{1em} \textit{Repeatable: No} \hspace{1em} \textit{Grading: L}

\textit{Advisory: ENG-050}

\textit{CAN: None}

\textit{Transfer Status: CSU} \hspace{1em} \textit{Degree Applicable: AA/AS} \hspace{1em} \textit{IGETC: None}

\textit{COD GE: None} \hspace{1em} \textit{CSU GE: None}

FIRE-010 \textbf{WILDLAND FIRE TECHNOLOGY} \hspace{1em} \textbf{Units: 3}

This course meets the minimum requirements for employment as a wildland fire fighter with State and Federal fire suppressions agencies. Basic interagency courses, (I-110, 130, 190, S-212) are included. This course includes the care, maintenance and general use of power and hand crosscut saws and other fire fighting hand tools for fire line construction. This course stresses field performance and teamwork, along with fireline techniques, procedures, and safety. Wildland fire behavior safety is presented throughout the course. (Also listed as, and equivalent to, NR-010.)

\textit{Lecture Hours: 54} \hspace{1em} \textit{Lab Hours: 0} \hspace{1em} \textit{Repeatable: No} \hspace{1em} \textit{Grading: L}

\textit{Advisory: RDG-050}

\textit{CAN: None}

\textit{Transfer Status: CSU} \hspace{1em} \textit{Degree Applicable: AA/AS} \hspace{1em} \textit{IGETC: None}

\textit{COD GE: None} \hspace{1em} \textit{CSU GE: None}

FIRE-070 \textbf{CONFINED SPACE-AWARENESS} \hspace{1em} \textbf{Units: ½}

This course provides instruction in identifying permit and non-permit required confined spaces, hazards associated with confined spaces, state regulations, communications, and equipment requirements. This course does not qualify participants to enter confined spaces. This course is approved by the California State Fire Marshal and California Fire Service Training and Education System (CFSTES).

\textit{Lecture Hours: 9} \hspace{1em} \textit{Lab Hours: 0} \hspace{1em} \textit{Repeatable: No} \hspace{1em} \textit{Grading: L}

\textit{Advisory: RDG-050}

\textit{CAN: None}

\textit{Transfer Status: None} \hspace{1em} \textit{Degree Applicable: AA/AS} \hspace{1em} \textit{IGETC: None}

\textit{COD GE: None} \hspace{1em} \textit{CSU GE: None}

FIRE-071 \textbf{CONFINED SPACE - OPERATIONAL} \hspace{1em} \textbf{Units: 1½}

This course presents a review of confined space rescue definitions and operating restrictions and principles, then moves the student through a series of drills and scenarios for practical application of the skills and techniques presented. This course is approved by the California State Fire Marshal and California Fire Service Training and Education System (CFSTES). A minimum of 40 hours is required.

\textit{Lecture Hours: 18} \hspace{1em} \textit{Lab Hours: 27} \hspace{1em} \textit{Repeatable: No} \hspace{1em} \textit{Grading: L}

\textit{Prerequisite: FIRE-070}

\textit{CAN: None}

\textit{Transfer Status: None} \hspace{1em} \textit{Degree Applicable: AA/AS} \hspace{1em} \textit{IGETC: None}

\textit{COD GE: None} \hspace{1em} \textit{CSU GE: None}

FIRE-072 \textbf{TRENCH RESCUE} \hspace{1em} \textbf{Units: ½}

This course is designed to train fire service personnel in hands-on application of the techniques necessary to safely complete a rescue from an excavation or trenching cave-in. Topics include critical considerations while responding to trenching emergencies, evaluation of cave-in scenes, basic life support procedures and temporary protection for victims, specialized tool usage, shoring techniques, and below grade rescue safety. This course is approved by the California State Fire Marshal and California Fire Service Training and Education System (CFSTES).

\textit{Lecture Hours: 4} \hspace{1em} \textit{Lab Hours: 16} \hspace{1em} \textit{Repeatable: No} \hspace{1em} \textit{Grading: L}

\textit{Advisory:} Regular or volunteer fire fighter

\textit{CAN: None}

\textit{Transfer Status: None} \hspace{1em} \textit{Degree Applicable: AA/AS} \hspace{1em} \textit{IGETC: None}

\textit{COD GE: None} \hspace{1em} \textit{CSU GE: None}
FIRE-073 AUTOMOBILE EXTRICATION Units: ½
This course focuses on rescue fire operations techniques requiring vehicle extrication equipment. This course includes team organization; rescue and safety considerations; use of hand tools; use of hydraulic tools; use of pneumatic tools; use of wood cribbing and air bags; vehicle and victim stabilization techniques; and scene management. This course is approved by the California State Fire Marshal and California Fire Service Training and Education System (CFSTES).
Lecture Hours: 4 Lab Hours: 16 Repeatable: No Grading: L CAN: None Transfer Status: None Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

FIRE-074 FIRE CONTROL 3: STRUCTURAL FIRE FIGHTING Units: 1½
This course is designed to keep fire-fighting personnel at high level of skill in combating building fires. It utilizes the burning of an otherwise useless building to provide students with hands-on fire fighting experience. Topics include: Fire behavior within a building, ventilation, search and rescue, interior attack, exterior attack, overhaul techniques, and exposure protection.
Lecture Hours: 27 Lab Hours: 0 Repeatable: No Grading: L CAN: None Transfer Status: None Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

FIRE-075 HAZARDOUS MATERIALS FIRST RESPONDER Units: 1
Defensive tactics to contain the release from a safe distance, keep it from spreading, and prevent exposures without trying to stop the release. Meets and exceeds the requirements of CFR 29 1910.120 and CCR Title 8.
Lecture Hours: 18 Lab Hours: 0 Repeatable: No Grading: L CAN: None Transfer Status: None Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

FIRE-076 INTRO TO RESCUE SYSTEMS - LOW ANGLE RESCUE Units: 1
This course is designed to equip the student with the techniques and methods for using rope, webbing, hardware friction devices, and litters in low angle rescue situations. Areas covered include: Rope and related equipment, anchor systems, safety lines, stretcher lashing and rigging, mechanical advantage systems and single line and two line rescue systems.
Lecture Hours: 18 Lab Hours: 0 Repeatable: No Grading: L CAN: None Transfer Status: None Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

FIRE-077A FIRE INVESTIGATION IA: ORIGIN AND CAUSE Units: 2½
This course provides the students with an introduction and basic overview of fire scene investigation. The focus of the course is to provide information on fire scene indicators and to determine the fire's origin.
Lecture Hours: 45 Lab Hours: 0 Repeatable: No Grading: L CAN: None Transfer Status: None Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

FIRE-077B FIRE INVESTIGATION IB: TECHNIQUES Units: 2½
This course provides a deeper understanding of fire investigation and builds on Fire Investigation 1A. Topics include the juvenile fire setter, report writing, evidence preservation and collection, interview techniques, motives, and fire fatalities.
Lecture Hours: 45 Lab Hours: 0 Repeatable: No Grading: L CAN: None Transfer Status: None Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

FIRE-078A FIRE INSTRUCTOR IA: INSTRUCTIONAL TECH Units: 2½
This is the first of a two-course series. Topics include: The Occupational Analysis, course outline, concepts of learning, levels of instruction, behavioral objectives, lesson plan development, psychology of learning, and instructor evaluation. Student teaching demonstrations are required of all.
Lecture Hours: 45 Lab Hours: 0 Repeatable: No Grading: L CAN: None Transfer Status: None Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

FIRE-078B FIRE INSTRUCTOR IB: INSTRUCTIONAL TECH Units: 2½
This is the second of a two-course series. Topics include: preparing course outlines, establishing levels of instruction, constructing behavioral objectives and lesson plans; developing instructional aids, fundamentals of testing and measurements, test planning, evaluation techniques and tools. Student teaching demonstrations are required of all.
Lecture Hours: 45 Lab Hours: 0 Repeatable: No Grading: L CAN: None Transfer Status: None Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

FIRE-079A I-100: INTRODUCTION TO ICS Units: ½
This course is a review of ICS (Incident Command System) organization, basic terminology, and common responsibilities through a self-paced text and progress checks.
Lecture Hours: 9 Lab Hours: 0 Repeatable: No Grading: L CAN: None Transfer Status: None Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

FIRE-079B I-100: BASIC ICS Units: 1
This course describes the principal features that constitute the ICS. Collectively, these features identify the unique quality of the ICS as an incident or event management system. Features are: five primary functions, management objectives, unity and chain of command, transfer of command, organizational flexibility, unified command, span of control, common terminology, personnel accountability, integrated communications, resources management and the incident action plan.
Lecture Hours: 18 Lab Hours: 0 Repeatable: No Grading: L CAN: None Transfer Status: None Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None
FIRE-079C  I-300: INTERMEDIATE ICS  Units: 1½
This course provides a comprehensive description of the responsibilities of the organizational elements within each section of the ICS. It also includes the general duties of each organizational element, terminology, staffing considerations, and reporting relationships.
Lecture Hours: 27  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: FIRE-079B  CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

FIRE-079D  I-400: ADVANCED ICS  Units: 1½
This course describes each command and general staff position in terms of principal responsibilities and importance to the organization. Guidelines for activation of the command and general staff positions and the roles of deputies and assistants are discussed. Relationships and duties are covered for each command staff member and for agency.
Lecture Hours: 27  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: FIRE-079C  CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

FIRE-080  S-404: SAFETY OFFICER  Units: 2
This course delivers information for operating as a Safety Officer within the ICS. Subjects covered include: Safety Officer effectiveness, analysis techniques, safety messages, briefings and special reports, and high hazard operations.
Lecture Hours: 36  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: FIRE-079D  CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

FIRE-081  S-339: DIVISION/GROUP SUPERVISOR  Units: 1½
This course supports the specific task of the division/group supervisor position on a wildland fire, but does not provide instruction in general management and supervisory principles or in the incident command system. Course includes: division/group management, organizational interaction, and division operations.
Lecture Hours: 27  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: FIRE-079C  CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

FIRE-090A  FIRE PREVENTION 1A  Units: 2
This course provides a broad, technical overview of fire prevention codes, ordinances, key hazards, and fire prevention practices. This is a California State Fire Marshal and California Fire Service Training and Education System (CFSTES) approved course. A minimum of 40 hours is required.
Lecture Hours: 31½  Lab Hours: 13½  Repeatable: No  Grading: L
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

FIRE-090B  FIRE PREVENTION 1B  Units: 2
This course focuses on the codes, ordinances and statutes that pertain to fire prevention practices in California. This is a California State Fire Marshal and California Fire Service Training and Education System (CFSTES) approved course. A minimum of 40 hours is required.
Lecture Hours: 31½  Lab Hours: 13½  Repeatable: No  Grading: L
Prerequisite: FIRE-090A  CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

FIRE-091A  FIRE COMMAND 1A  Units: 2
This course is designed for fire fighters and those seeking a career in the fire service. This course provides information and experience in control and control techniques used at the scene of an emergency. It emphasizes decision-making, the act of commanding, authority, personnel, organizational structure, preplanning and training techniques. This is a California State Fire Marshal and California Fire Service Training and Education System (CFSTES) approved course. A minimum of 40 hours is required.
Lecture Hours: 31½  Lab Hours: 13½  Repeatable: No  Grading: L
Advisory: Regular or volunteer fire fighter and those seeking a career in the fire service
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

FIRE-091B  FIRE COMMAND 1B  Units: 2
This course provides instruction in the art of command as related to tactical fire problems and prepares the fire officer for emergency operation command. Topics include pre-planning and attack utilizing simulator, chemical and pesticide emergencies, shipping papers, and environmental considerations. This course prepares the fire officer for emergency operation command. This is a California State Fire Marshal and California Fire Service Training and Education System (CFSTES) approved course. A minimum of 40 hours is required.
Lecture Hours: 31½  Lab Hours: 13½  Repeatable: No  Grading: L
Prerequisite: FIRE-091A  CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

FIRE-092  FIRE MANAGEMENT (Supervision)  Units: 2
This course prepares first line fire supervisors with the concepts, processes and techniques of organizational management. It is designed to prepare or enhance first line supervisors’ abilities to supervise subordinates. It introduces key management concepts and practices utilized in the California fire services. Discussions about decision making, time management, leadership styles, personnel evaluations and counseling guidelines are included. This is a California State
This course presents the fundamentals of French. Fluency in understanding, speaking, reading, and writing is emphasized, completion of FR 1A and FR 1B is equivalent to FR 1.

**FR-001A** ELEMENTARY FRENCH  Units: 3

This course presents the fundamentals of French. Fluency in understanding, speaking, reading, and writing is emphasized, completion of FR 1A and FR 1B is equivalent to FR 1.

**FR-001** ELEMENTARY FRENCH  Units: 5

This course presents the fundamentals of French. Fluency in understanding, speaking, reading, and writing is emphasized, completion of FR 1A and FR 1B is equivalent to FR 1.

**FR-002** ELEMENTARY FRENCH  Units: 5

This course continues the development of the skills and essentials of the French language in FR 1 or FR 1B. Fluency in understanding, speaking, reading, and writing is emphasized, completion of FR 2A and FR 2B is equivalent to FR 2.

**FR-002A** ELEMENTARY FRENCH  Units: 3

This course continues the development of the skills and essentials of the French language in FR 1 or FR 1B. Fluency in understanding, speaking, reading, and writing is emphasized, completion of FR 2A and FR 2B is equivalent to FR 2.

**FR-002B** ELEMENTARY FRENCH  Units: 3

This course continues the development of the skills and essentials of the French language in FR 1 or FR 1B. Fluency in understanding, speaking, reading, and writing is emphasized, completion of FR 2A and FR 2B is equivalent to FR 2.
FR-004 INTERMEDIATE FRENCH Units: 4
This course expands the students’ ability to communicate in French. Emphasis is on the discussion of socio-cultural selections and literature of the French-speaking world.
Lecture Hours: 72 Lab Hours: 18 Repeatable: No Grading: L
Prerequisite: FR-003
CAN: FREN 10; FREN SEQ B
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3 CSU GE: C2 IGETC: 3B*, 6A*

GEOGRAPHY

GEOG-001 PHYSICAL GEOGRAPHY Units: 3
This course examines the major features of the natural environment including land, water, air and life forms. The relationship between humans and their natural environment is emphasized, and map-reading skills are developed.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050
CAN: GEOG 2
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C1 CSU GE: B1 IGETC: 5A

GEOG-001L PHYSICAL GEOGRAPHY LABORATORY Units: 1
This course introduces the student to the methods and techniques used in the geographic study of the natural environment focusing on the earth’s atmosphere, continents, oceans and life forms. Students observe, record, and analyze this information both in class and on field trips in the local environment.
Lecture Hours: 0 Lab Hours: 54 Repeatable: No Grading: L
Corequisite: GEOG-001 or prior completion
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C1 CSU GE: B3 IGETC: 5A

GEOG-002 CULTURAL GEOGRAPHY Units: 3
This course focuses on the distribution of and interrelationships between features of humankind’s modern cultural environment. Among the topics discussed are world population, forms of livelihood, territoriality, urbanization, and material culture. Emphasis is also placed on the development of map-reading skills.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050
CAN: GEOG 4
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C2,C5 CSU GE: D5 IGETC: 4E

GEOG-007 REGIONAL GEOGRAPHY Units: 3
This course describes and explains the major cultural characteristics of the earth’s diverse geographic regions. Emphasis is placed on the development of regional patterns through time and the processes responsible for the existing patterns. The development of map-reading skills is an essential aspect of this investigation.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050 & MATH-054
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C1 CSU GE: B1,B3 IGETC: 5A

GEOLOGY

G-001 PHYSICAL GEOLOGY Units: 4
This course includes the study of the origin and composition of rocks and minerals; landscape development by water, ice, and wind; earthquakes; the Earth’s interior; the nature of mountains and their development; the movement of continental and oceanic plates, and environmental aspects of geology. The laboratory portion includes 3 hours of local field trips and constitutes a practical application of aspects of the above subject areas.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-051 & MATH-054
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C1 CSU GE: B1,B3 IGETC: 5A

G-005 ENVIRONMENTAL GEOLOGY Units: 4
This course surveys geologic hazards such as flooding, landslides, earthquakes, and volcanic eruptions that affect humanity and studies means by which they may be mitigated. Geologic resources such as groundwater, surface water, and soil are studied to assess supply, conservation practices, and contamination mitigation. Mineral, fossil fuel, and alternate energy resources are examined for potential and for environmental assessment of production and consumption. Land-use planning and environmental impact analysis integrate the foregoing.
The laboratory portion applies, on a practical basis, aspects of the above in the classroom and in approximately 16 hours in the field. Note: This course is suggested for students in any major which deals with human interactions with the physical environment, such as architecture, engineering, environmental studies, city planning, natural resources, geology, and geography.
Lecture Hours: 54 Lab Hours: 54 Repeatable: No Grading: L
Prerequisite: ENG-050 & MATH-057; Advisory: ENG-001A & MATH-054
CAN: GEOL 2
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C2,C5 CSU GE: D5 IGETC: 4E
G-006 GEOLOGY OF CALIFORNIA Units: 3
This course presents the physical and historical geology of the natural provinces of California. The mineral deposits, stratigraphic and rock units, tectonic structures, fossils, geomorphology, and environmental issues within each province are examined. One or more field trips are conducted.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Advisory: ENG-051 and MATH-057
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C1 CSU GE: None IGETC: 5A

G-007 INTRODUCTION TO GEOLOGY Units: 4
This course is a general survey of the fields of physical and historical geology. It is designed to give a broad general understanding and appreciation of the composition, structure, geologic processes, origin, and development of the Earth and its inhabitants. The laboratory portion provides hands-on experience with minerals, rocks, fossils, topographic maps, geologic maps, and structure sections. One required all-day field trip provides an opportunity to directly experience local physical and historical geology.
Lecture Hours: 54 Lab Hours: 54 Repeatable: No Grading: L
Advisory: ENG-051 and MATH-057
CAN: None
Transfer Status: CSU/UC* Degree Applicable: AA/AS
COD GE: C1 CSU GE: B1 IGETC: 5A*

G-008 GEOLOGY OF NATIONAL PARKS AND MONUMENTS Units: 3
This course provides a survey of the physical and historical geology of National Parks and Monuments, particularly those in the western states, to illustrate the geologic evolution of the regions in which these parks occur. Surface shaping processes such as volcanism, plutonism, deformation, sedimentation, glaciation, and fluvial activity are studied, using slides and other visual materials. Optional field trip(s) may be conducted.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Advisory: ENG-051 and MATH-057
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: C1 CSU GE: B1 IGETC: 5A

G-010 THE EARTH SCIENCES Units: 4
This course is a general survey of the Earth Sciences of Geology, Oceanography, Meteorology, Climatology, and Astronomy. It is designed to provide a broad general understanding and appreciation of these sciences and to bring into perspective the uniqueness of our planet, the interrelationships of its systems, and the influences of humanity upon these systems. The laboratory portion studies aspects of each area on a practical, applied basis. Field trips emphasize study of local geology.
Lecture Hours: 54 Lab Hours: 54 Repeatable: No Grading: L
Prerequisite: ENG-050 & MATH-057; Advisory: ENG-051 & MATH-054
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C1 CSU GE: B1, B3 IGETC: 5A

G-017 INTRODUCTION TO OCEANOGRAPHY Units: 3
This course explores the study of the Earth's oceans, their chemical composition and vertical structure, energy budgets, marine biological communities, their structure/composition, ocean currents, the geological origin and evolution of ocean basins, and marine resource discovery, exploitation and management.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Advisory: ENG-051, RDG-051, and MATH-050 or MATH-054
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: C1 CSU GE: B1 IGETC: None

GERMAN

GER-001 ELEMENTARY GERMAN Units: 5
This course presents the fundamentals of German. Fluency in understanding, speaking, reading and writing within the context of the German society, history, and culture is emphasized. Completion of GER 1A and GER 1B is equivalent to GER 1.
Lecture Hours: 90 Lab Hours: 18 Repeatable: No Grading: L
CAN: GERM 2; GERM SEQ A Transfer Status: CSU/UC* Degree Applicable: AA/AS
COD GE: C3 CSU GE: C2 IGETC: 6A

GER-001A ELEMENTARY GERMAN Units: 3
This course presents the fundamentals of German. Fluency in understanding, speaking, reading, and writing within the context of the German society, history, and culture is emphasized. Completion of GER 1A and GER 1B is equivalent to GER 1.
Lecture Hours: 54 Lab Hours: 18 Repeatable: No Grading: L
CAN: GERM 2; GERM SEQ A Transfer Status: CSU/UC* Degree Applicable: AA/AS
COD GE: C3 CSU GE: C2 IGETC: None

GER-001B ELEMENTARY GERMAN Units: 3
This course continues the development of the skills and essentials of the German language begun in GER 1A. Fluency in understanding, speaking, reading, and writing within the context of the German society, history, and culture is emphasized. Completion of GER 1A and GER 1B is equivalent to GER 1.
Lecture Hours: 54 Lab Hours: 18 Repeatable: No Grading: L
Prerequisite: GER-001A
CAN: GERM 2; GERM SEQ A Transfer Status: CSU/UC* Degree Applicable: AA/AS
COD GE: C3 CSU GE: C2 IGETC: 6A

GER-002 ELEMENTARY GERMAN Units: 5
This course continues the development of the skills and essentials of the German language begun in GER 1 or GER 1B. Fluency in understanding, speaking, reading, and writing within the context of the German society, history, and culture is emphasized. Completion of GER 2A and GER 2B is equivalent to GER 2.
Lecture Hours: 90 Lab Hours: 18 Repeatable: No Grading: L
Prerequisite: GER-001 or GER-001B or 2 years high school German
CAN: GERM 4; GERM SEQ A Transfer Status: CSU/UC* Degree Applicable: AA/AS
COD GE: C3 CSU GE: C2 IGETC: 3B*, 6A*
### GER-002A ELEMENTARY GERMAN Units: 3
This course continues the development of the skills and essentials of the German language begun in GER 1 or GER 1B. Fluency in understanding, speaking, reading, and writing within the context of the German society, history, and culture is emphasized. Completion of GER 2A and GER 2B is equivalent to GER 2.

- **Lecture Hours:** 54
- **Lab Hours:** 18
- **Repeatable:** No
- **Grading:** L

**Prerequisite:** GER-001 or GER-001B or 2 years high school German

**CAN:** GERM 4; GERM SEQ A

**COD GE:** C3

**CSU GE:** C2

**IGETC:** 3B*, 6A*

### GER-002B ELEMENTARY GERMAN Units: 3
This course continues the development of the skills and essentials of the German language begun in GER 2A. Fluency in understanding, speaking, reading, and writing within the context of the German society, history, and culture is emphasized. Completion of GER 2A and GER 2B is equivalent to GER 2.

- **Lecture Hours:** 54
- **Lab Hours:** 18
- **Repeatable:** No
- **Grading:** L

**Prerequisite:** GER-002A

**CAN:** GERM 4; GERM SEQ A

**COD GE:** C3

**CSU GE:** C2

**IGETC:** 3B*, 6A*

### GOLF

#### GOLF-029 METHODS OF TEACHING GOLF Units: 2
This course is the study of the methods used in teaching the game of golf. It includes practical experience in the analysis of the golf swing and the correction of errors. This course is intended for students pursuing a career in golf.

- **Lecture Hours:** 18
- **Lab Hours:** 54
- **Repeatable:** No
- **Grading:** L

**Prerequisite:** ENG-050 or concurrent enrollment

**CAN:** None

**Transfer Status:** None

**Degree Applicable:** AA/AS

**COD GE:** None

**CSU GE:** None

**IGETC:** None

#### GOLF-030 SHORT GAME AND PUTTING Units: 2
This course is the study of the techniques used to develop an effective short game and putting stroke. It emphasizes basic swing fundamentals and the modern approach to chips, pitches, greenside sand shots and putting. This course is intended for students pursuing a career in golf.

- **Lecture Hours:** 18
- **Lab Hours:** 54
- **Repeatable:** No
- **Grading:** L

**Prerequisite:** ENG-050 or concurrent enrollment

**CAN:** None

**Transfer Status:** CSU/UC*

**Degree Applicable:** AA/AS

**COD GE:** None

**CSU GE:** None

**IGETC:** None

#### GOLF-032 GOLF TEACHING LABORATORY Units: 2
This course is the study and practice of the methods used in teaching the game of golf. It includes learning the techniques and instructional skills necessary to teach golf to individuals and groups. It emphasizes how to adapt golf swing fundamentals to the physical attributes and prior experience of the client (student). It also includes practical application of these methods in a golf practice range environment. This course is intended for students pursuing a career in golf.

- **Lecture Hours:** 18
- **Lab Hours:** 54
- **Repeatable:** No
- **Grading:** L

**Prerequisite:** ENG-050 or concurrent enrollment

**CAN:** None

**Transfer Status:** CSU/UC*

**Degree Applicable:** AA/AS

**COD GE:** None

**CSU GE:** None

**IGETC:** None

#### GOLF-034 GOLF CLUB DESIGN & REPAIR Units: 2
This course is the study of the design and manufacture of golf clubs. It includes the study of golf repair theory and practical “hands-on” experience in a golf club repair laboratory. This course is intended for students pursuing a career in golf.

- **Lecture Hours:** 18
- **Lab Hours:** 54
- **Repeatable:** No
- **Grading:** L

**Prerequisite:** ENG-050 or concurrent enrollment

**CAN:** None

**Transfer Status:** None

**Degree Applicable:** AA/AS

**COD GE:** None

**CSU GE:** None

**IGETC:** None

#### GOLF-036 FUNDAMENTALS & RULES OF GOLF Units: 2
This course is the study of the basic fundamentals and rules of the game of golf. It emphasizes the rules of golf and the responsibility of the golf professional to insure compliance with the rules and uphold the integrity of the sport of golf. This course is intended for students pursuing a career in golf.

- **Lecture Hours:** 18
- **Lab Hours:** 54
- **Repeatable:** No
- **Grading:** L

**Prerequisite:** ENG-050 or concurrent enrollment

**CAN:** None

**Transfer Status:** CSU/UC*

**Degree Applicable:** AA/AS

**COD GE:** None

**CSU GE:** None

**IGETC:** None

### HEALTH EDUCATION

#### HE-001 PERSONAL & COMMUNITY HEALTH Units: 3
This course consists of application of facts and attitudes to the maintenance of optimum health for the individual and society; effects of exercise, fatigue, and diet; emotional and mental well-being; drugs, alcohol, and tobacco; disease etiology and disease prevention; human reproduction and family; and safety in the modern world.

- **Lecture Hours:** 54
- **Lab Hours:** 0
- **Repeatable:** No
- **Grading:** L

**Prerequisite:** ENG-050

**CAN:** None

**Transfer Status:** CSU/UC*

**Degree Applicable:** AA/AS

**COD GE:** C2, C5

**CSU GE:** E

**IGETC:** None
HEALTH SCIENCES

HS-055 TRANSITION TO REGISTERED NURSE
Units: 4
This course focuses on preparing the student for assuming the role of the registered nurse, as covered in the first year of the associate degree program. Skills lab and clinical practice focus on the application of therapeutic nursing interventions and critical thinking behaviors in select client populations. The course facilitates the transition of LVN into the second year of the RN program.
Lecture Hours: 54 Lab Hours: 54 Repeatable: No Grading: L
Prerequisite: BI-013, BI-014, BI-015, ENG-001A, MATH-050 or MATH-054, and licensure as a Vocational Nurse
Corequisite: Licensure as a Vocational Nurse in the state of California.
COD GE: None CSU GE: None IGETC: None
Transfer Status: None Degree Applicable: AA/AS
CAN: None

HS-060 ENERGETIC HEALING MODALITIES: HEALING TOUCH LEVEL I
Units: 1
Introduction to several energy based therapeutic approaches to healing. Discussion of the energy field, energy medicine and applications of techniques to restore harmony and balance in the energy system to allow clients to self heal.
Lecture Hours: 18 Lab Hours: 0 Repeatable: No Grading: K
Prerequisite: HS-064 or CNA
COD GE: None CSU GE: None IGETC: None
Transfer Status: None Degree Applicable: NAA

HS-061 MEDICAL TERMINOLOGY
Units: 2
This course introduces medical terminology as used by all health service personnel, including medical doctors, dentists, nurses, respiratory therapists, physical therapists, EMTs, medical secretaries and doctors’ office assistants.
Lecture Hours: 36 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050
COD GE: None CSU GE: None IGETC: None
Transfer Status: None Degree Applicable: AA/AS

HS-062 YOUR LIVING BODY
Units: 3
This course provides a basic overview of body structures and functions, correlated with discussion of the major diseases affecting each of the major systems. This course is required for Vocational Nursing Program.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050
COD GE: None CSU GE: None IGETC: None
Transfer Status: None Degree Applicable: AA/AS

HS-064 NURSE ASSISTANT
Units: 6
This course includes basic nursing principles used in the care of clients in long-term care facilities. The content addresses the basic needs of clients; concepts of ethics and confidentiality; techniques of communication; reporting and recording of observations and basic assessments; performance of special treatments, procedures and skills required for client care. Successful completion of the course results in eligibility to take the state-approved test that leads to certification as a nursing assistant.
Lecture Hours: 63 Lab Hours: 135 Repeatable: No Grading: L
Prerequisite: ENG-050
COD GE: None CSU GE: None IGETC: None
Transfer Status: None Degree Applicable: AA/AS

HS-066 HOME HEALTH AIDE
Units: 2
This course expands on the content taught in the nursing assistant course to provide preparation for care of residents in home care settings. Content emphasizes personal care, basic communications, safety, meal planning, and maintaining a healthful environment.
Lecture Hours: 27 Lab Hours: 27 Repeatable: No Grading: L
Prerequisite: HS-064 or CNA
COD GE: None CSU GE: None IGETC: None
Transfer Status: None Degree Applicable: NAA

HS-067 INTRODUCTION TO MED/DOSAGE CALCULATIONS
Units: 1
This course provides a basic foundation for the study of pharmacology and covers the general principles of drug administration with a review of arithmetic and the calculation of math dosages. It utilizes a nursing process approach which focuses on the understanding of pharmacological principles, medication administration, and the evaluation of the client’s responses in the health care setting. This course is designed for the beginning vocational nursing student and other allied health care disciplines.
Lecture Hours: 18 Lab Hours: 0 Repeatable: No Grading: L
Advisory: ENG-050 and MATH-057
COD GE: None CSU GE: None IGETC: None
Transfer Status: None Degree Applicable: AA/AS

HS-070 INTRO TO HEALTH SCIENCES
Units: 1
This course is strongly recommended for all students entering the VN or ADN programs offered at College of the Desert. It is designed to provide students interested in Health Sciences programs with detailed information about program requirements and career objectives.
Lecture Hours: 18 Lab Hours: 0 Repeatable: No Grading: L
Advisory: ENG-050 and RDG-050
COD GE: None CSU GE: None IGETC: None
Transfer Status: None Degree Applicable: AA/AS
### HIST-003  HISTORY OF WORLD CIVILIZATION - I  Units: 3

This course is a broad study of the major elements of history from ancient times to the Renaissance. It is designed to develop understanding of institutions basic to world civilization.

- **Lecture Hours:** 54  
- **Lab Hours:** 0  
- **Repeatable:** No  
- **Grading:** L  
- **Advisory:** ENG-050  
- **CAN:** None  
- **Transfer Status:** CSU/UC  
- **Degree Applicable:** AA/AS  
- **IGETC:** 3B,4F

#### Prerequisite:
- ENG-050  
- RDG-050

#### Corequisite:
- Enrollment in a Nursing course

### HIST-004  HISTORY OF WORLD CIVILIZATION - II  Units: 3

This course is a broad study of the major elements of history from the 16th Century to the present. It is designed to develop understanding of institutions basic to world civilization.

- **Lecture Hours:** 54  
- **Lab Hours:** 0  
- **Repeatable:** No  
- **Grading:** L  
- **Advisory:** ENG-050  
- **CAN:** HIST SEQ C = HIST 3+4  
- **Transfer Status:** CSU/UC  
- **Degree Applicable:** AA/AS  
- **IGETC:** 3B,4F

#### Prerequisite:
- ENG-050

#### Corequisite:
- Enrollment in a Nursing course

### HIST-017  U.S. HISTORY THROUGH RECONSTRUCTION  Units: 3

This course is a survey of the political and social development of the United States from the discovery of America through the Reconstruction period.

- **Lecture Hours:** 54  
- **Lab Hours:** 0  
- **Repeatable:** No  
- **Grading:** L  
- **Prerequisite:** ENG-050  
- **CAN:** HIST SEQ B = HIST 17+18  
- **Transfer Status:** CSU/UC  
- **Degree Applicable:** AA/AS  
- **IGETC:** 3B,4F

#### Prerequisite:
- ENG-050  
- RDG-050

#### Corequisite:
- See Business/Hotel and Restaurant Management (Page 153)

### HIST-018  U.S. HISTORY FROM RECONSTRUCTION TO PRESENT  Units: 3

This course is a survey of the political and social development of the United States from the Reconstruction Period to the present.

- **Lecture Hours:** 54  
- **Lab Hours:** 0  
- **Repeatable:** No  
- **Grading:** L  
- **Prerequisite:** ENG-050  
- **CAN:** HIST SEQ B = HIST 17+18  
- **Transfer Status:** CSU/UC  
- **Degree Applicable:** AA/AS  
- **IGETC:** 3B,4F

#### Prerequisite:
- ENG-050  
- RDG-050

#### Corequisite:
- See Business/Hotel and Restaurant Management (Page 153)

### HUM-018  INTRODUCTION TO ART AND MUSIC  Units: 3

Students examine parallels in ideas and organizational methods found in art and music of the Western World. A comparison is made of major developments of styles with an emphasis on the roles of the visual and aural arts in society from the Middle Ages to the present. (Also listed as, and equivalent to, ART-018 and MUS-018.)

- **Lecture Hours:** 54  
- **Lab Hours:** 0  
- **Repeatable:** No  
- **Grading:** L  
- **Prerequisite:** ENG-050  
- **CAN:** None  
- **Transfer Status:** CSU/UC  
- **Degree Applicable:** AA/AS  
- **IGETC:** 3A

#### Prerequisite:
- ENG-050  
- RDG-050

#### Corequisite:
- See Business/Hotel and Restaurant Management (Page 153)
ITALIAN

ITAL-001 ELEMENTARY ITALIAN Units: 5
This course presents the fundamentals of Italian. Fluency in understanding, speaking, reading, and writing within the context of the Italian society, history, and culture is emphasized. Completion of ITAL 1A and ITAL 1B is equivalent to ITAL 1.
Lecture Hours: 90 Lab Hours: 18 Repeatable: No Grading: L
COD GE: C3 CSU GE: C2 IGETC: 3B*, 6A*
Transfer Status: CSU/UC* Degree Applicable: AA/AS
Prerequisite: ITAL-001 or ITAL-001B or 2 years high school Italian
CAN: ITAL SEQ A

ITAL-002 ELEMENTARY ITALIAN Units: 5
This course builds upon the material presented in ITAL 1 and further develops the conversational skills in confirming and correcting information and using response behaviors. Fluency in understanding, speaking, reading, and writing within the context of the Italian society, history, and culture is emphasized. Completion of ITAL 2A and ITAL 2B is equivalent to ITAL 2.
Lecture Hours: 90 Lab Hours: 18 Repeatable: No Grading: L
COD GE: C3 CSU GE: C2 IGETC: 3B*, 6A*
Transfer Status: CSU/UC* Degree Applicable: AA/AS
Prerequisite: ITAL-001 or ITAL-001B or 2 years high school Italian
CAN: ITAL SEQ A

ITAL-003 INTERMEDIATE ITALIAN Units: 4
This course strengthens the students' communication skills in the spoken and written Italian language and builds upon the topics of vocabulary, grammar, structure, and Italian culture introduced in previous levels 1 and 2. Emphasis is on the customs and culture of Italy. Italian literature is introduced.
Lecture Hours: 72 Lab Hours: 18 Repeatable: No Grading: L
COD GE: C3 CSU GE: C2 IGETC: 3B*, 6A*
Transfer Status: CSU/UC* Degree Applicable: AA/AS
Prerequisite: ITAL-002 or ITAL-002B

ITAL-004 INTERMEDIATE ITALIAN Units: 4
This course is the continuation of ITAL 3. It expands the students' ability to communicate in Italian. Emphasis is on discussion of socio-cultural selections and literature of the Italian-speaking world.
Lecture Hours: 72 Lab Hours: 18 Repeatable: No Grading: L
COD GE: C3 CSU GE: C2 IGETC: 3B*, 6A*
Transfer Status: CSU/UC* Degree Applicable: AA/AS
Prerequisite: ITAL-003

JAPANESE

JPN-001A ELEMENTARY JAPANESE Units: 3
This course introduces students to elementary communication skills of listening, speaking, reading and writing Japanese. Emphasis is on fundamentals of grammar and pronunciation, practical vocabulary and useful phrases and idioms. The honorific, polite, and humble forms of vocabulary and expressions are introduced and analyzed. This course also exposes students to social, cultural, political and historical aspects of Japan.
Lecture Hours: 54 Lab Hours: 18 Repeatable: No Grading: L
COD GE: C3 CSU GE: C2 IGETC: None
Transfer Status: JPN SEQ A Degree Applicable: AA/AS
Prerequisite: JPN-001 or JPN-001B or 2 years high school Japanese
CAN: None
JPN-001B  ELEMENTARY JAPANESE  Units: 3
This course focuses on further development of elementary communication skills of listening, speaking, reading and writing Japanese. A continued emphasis is on fundamentals of grammar and pronunciation, practical vocabulary and useful phrases and idioms. Further honorific, polite, and humble forms of vocabulary and expressions are introduced and analyzed. This course includes an expanded discussion of social, cultural, political and historical aspects of Japan.
Lecture Hours: 54  Lab Hours: 18  Repeatable: No  Grading: L
Prerequisite: JPN-001A  CAN: JAPN SEQ A
COD GE: C3  CSU GE: C2  IGETC: 6A

JPN-002A  ELEMENTARY JAPANESE  Units: 3
This course continues the development of the skills and essentials of the Japanese language begun in JPN 1B. Fluency in understanding, speaking, reading, and writing within the context of the Japanese society, history, and culture is emphasized.
Lecture Hours: 54  Lab Hours: 18  Repeatable: No  Grading: L
Prerequisite: JPN-001B or 2 years high school Japanese  CAN: JAPN SEQ A
COD GE: C3  CSU GE: C2  IGETC: 3B*, 6A*

JPN-002B  ELEMENTARY JAPANESE  Units: 3
This course continues the development of the skills and essentials of the Japanese language begun in JPN 2A. Fluency in understanding, speaking, reading, and writing within the context of the Japanese society, history, and culture is emphasized.
Lecture Hours: 54  Lab Hours: 18  Repeatable: No  Grading: L
Prerequisite: JPN-002A  CAN: JAPN SEQ A + JPN 1A+1B+2A+2B  
COD GE: C3  CSU GE: C2  IGETC: 3B*, 6A*

JOURNALISM

J-003A  NEWS REPORTING & WRITING  Units: 3
This course provides a solid foundation in practical journalism skills. Through in-class discussion, writing assignments, field trips to local newsrooms and completing several published news stories, students learn news judgment, fairness, the language and style of journalism, how to construct news leads, how to organize and structure news stories, the process of information gathering, interviewing and a basic overview of the laws and ethics of journalism. These basics are relevant for print, broadcast and online journalists.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-001A  CAN: JOUR 2
Transfer Status: CSU/UC  Degree Applicable: AA/AS

J-004A  BASIC NEWSPAPER PRODUCTION  Units: 3
This lecture and laboratory course provides initial practical experience in working on the staff of a college newspaper. Students concentrate on editorial, production, advertising, and circulation activities but are expected to participate in all facets of the operation.
Lecture Hours: 18  Lab Hours: 108  Repeatable: No  Grading: L
Prerequisite: J-003A or concurrent enrollment  CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS  IGETC: None

J-004B  INTERMEDIATE NEWSPAPER PRODUCTION  Units: 3
This lecture and laboratory course continues to provide practical experience in working on the staff of the college newspaper initiated in the basic course. Students assume a leadership role, whether in editorial, production, or advertising activities, in producing the newspaper. Students become familiar with the use of desktop publishing programs.
Lecture Hours: 18  Lab Hours: 108  Repeatable: No  Grading: L
Prerequisite: J-004A  CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS  IGETC: None

J-004C  ADVANCED NEWSPAPER PRODUCTION  Units: 3
This lecture and laboratory course continues to provide practical experience in working on the staff of the college newspaper initiated in the basic course. Students serve as editor, production supervisor, advertising director, photo editor, and circulation director - whether solely or on an alternating basis - and guide new students in producing a newspaper.
Lecture Hours: 18  Lab Hours: 108  Repeatable: No  Grading: L
Prerequisite: J-004B  CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS  IGETC: None

J-010  MAGAZINE WRITING AND PRODUCTION  Units: 3
This course focuses on strategies and techniques of literary magazine production and produces the college literary magazine. Students select the materials, edit materials, plan the format, typeset, paste-up and prepare the magazine for publication. The course also focuses on the procedures involved in transforming a literary magazine to an online format.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ENG-051  CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS  IGETC: None

COD GE: None  CSU GE: None  IGETC: None
### MANAGEMENT

See Business/Management (page 154)

### MASS COMMUNICATION

**MC-001 MASS MEDIA IN AMERICAN CULTURE**

This course introduces students to the influences and contributions of mass media in popular culture. It traces the historical development of each of the mass media, from earliest inventions to today’s state-of-the-art digital technologies. This course surveys the impact of mass media on each of us as individuals and on American and world culture: where we might be going and what we can do about it. The course also examines how mass culture continually influences and shapes the media.

- **Lecture Hours:** 54
- **Lab Hours:** 0
- **Repeatable:** No
- **Grading:** L
- **Prerequisite:** ENG-051
- **CAN:** JOUR 4
- **Transfer Status:** CSU/UC
- **Degree Applicable:** AA/AS
- **CODE GE:** C2, C5
- **CSU GE:** D7
- **IGETC:** 4G

**MC-005 INTRODUCTION TO PUBLIC RELATIONS**

This course offers students an overview of the public relations field with a practical approach to the handling and planning of public relations campaigns. This course is offered on an irregular basis.

- **Lecture Hours:** 54
- **Lab Hours:** 0
- **Repeatable:** No
- **Grading:** L
- **Prerequisite:** ENG-001A
- **CAN:** None
- **Transfer Status:** CSU
- **Degree Applicable:** AA/AS
- **CODE GE:** None
- **CSU GE:** None
- **IGETC:** None

### MATHEMATICS

**MATH-001A CALCULUS**

This course is a study of the meaning, computation and analysis of the derivative with an introduction to the integral. Topics include the definitions and analysis of the derivative, limits, methods for differentiating polynomial, rational, exponential, logarithmic and trigonometric functions, applications of the derivative, and an introduction to the integral.

- **Lecture Hours:** 90
- **Lab Hours:** 0
- **Repeatable:** No
- **Grading:** L
- **Prerequisite:** ENG-051 and MATH-012
- **CAN:** MATH 1B; SEQ B = MATH 1A+1B; SEQ C = MATH 1A+1B+2A
- **Transfer Status:** CSU/UC
- **Degree Applicable:** AA/AS
- **CODE GE:** C4
- **CSU GE:** B4
- **IGETC:** 2A

**MATH-001B CALCULUS**

This course is a study of the meaning, methods and applications of integration and infinite series. Topics include the definition of the definite integral, the Fundamental Theorem of Calculus, techniques of integration, applications of integration, first order separable differential equations, modeling exponential growth and decay, infinite series and approximation of functions using Taylor series with remainder.

- **Lecture Hours:** 90
- **Lab Hours:** 0
- **Repeatable:** No
- **Grading:** L
- **Prerequisite:** MATH-001A
- **CAN:** MATH 20; SEQ B = MATH 1A+1B; SEQ C = MATH 1A+1B+2A
- **Transfer Status:** CSU/UC
- **Degree Applicable:** AA/AS
- **CODE GE:** C4
- **CSU GE:** B4
- **IGETC:** 2A

**MATH-002A MULTIVARIATE CALCULUS**

This course extends the concepts of differentiation and integration introduced in the first two semesters of calculus to functions of several variables. Topics include solid Euclidean geometry, vector algebra in 3 dimensions, multiple integration in rectangular, cylindrical and spherical coordinates, extreme values, parameterized space curves and surfaces, divergence, directional derivatives, gradients, Gauss’, Green’s and Stokes’ theorems.

- **Lecture Hours:** 90
- **Lab Hours:** 0
- **Repeatable:** No
- **Grading:** L
- **Prerequisite:** MATH-001B
- **CAN:** MATH 22; SEQ C = MATH 1A+1B+2A
- **Transfer Status:** CSU/UC
- **Degree Applicable:** AA/AS
- **CODE GE:** None
- **CSU GE:** B4
- **IGETC:** 2A

**MATH-002B LINEAR ALGEBRA**

This course is a standard introductory course in linear algebra. Topics include vectors in \( \mathbb{R}^n \), matrices and systems of linear equations, determinants, vector spaces, linear independence, linear transformations, eigenvalues, eigenvectors, and diagonalization of certain quadratic forms.

- **Lecture Hours:** 72
- **Lab Hours:** 0
- **Repeatable:** No
- **Grading:** L
- **Prerequisite:** MATH-001B
- **CAN:** None
- **Transfer Status:** CSU/UC
- **Degree Applicable:** AA/AS
- **CODE GE:** None
- **CSU GE:** B4
- **IGETC:** 2A

**MATH-002C ORDINARY DIFFERENTIAL EQUATIONS**

This is a standard introductory course in solving differential equations and using differential equations to model dynamic phenomena. Topics include first, second and higher order differential equations; systems of first order equations, linear, homogeneous and nonhomogeneous differential equations; solutions by power series; numerical methods, LaPlace transforms, and applications.

- **Lecture Hours:** 72
- **Lab Hours:** 0
- **Repeatable:** No
- **Grading:** L
- **Prerequisite:** MATH-001B
- **CAN:** MATH 24
- **Transfer Status:** CSU/UC
- **Degree Applicable:** AA/AS
- **CODE GE:** None
- **CSU GE:** B4
- **IGETC:** 2A
MATH-005 TRIGONOMETRY Units: 5
This course is the first of a two semester sequence preparing students for Calculus. In this course, students will study functions with an emphasis on the trigonometric functions along with topics in analytic geometry. Topics will include a review of plane and coordinate geometry, functions including function notation, transformations and inverses, definitions and graphs of the trigonometric functions, modeling periodic behavior, solving triangle problems with the Law of Sines and Cosines, the conic sections, parametric equations and vectors.
Lecture Hours: 72 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: MATH-030 and MATH-040 Advisory: ENG-051
COD GE: C4 CSU GE: B4 IGETC: None

MATH-010 COLLEGE ALGEBRA Units: 4
This is a function oriented course including the concept of a function and function notation. The course includes an in depth investigation of polynomial, rational, exponential, and logarithmic functions, including their equations, graphs, and behavior. Other topics include the binomial theorem, conic sections, and matrices as they apply to systems of linear equations.
Lecture Hours: 72 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: MATH-040 Advisory: ENG-051
COD GE: C4 CSU GE: B4 IGETC: 2A*

MATH-012 PRE-CALCULUS Units: 5
This course is the second in a two semester sequence preparing students for Calculus. In this course, students will extend the concept of a function to polynomial, rational, exponential and logarithmic functions as well as studying analytic trigonometry. Topics include recognizing, graphing and solving equations and word problems involving polynomial, rational, exponential and logarithmic functions, trigonometric identities, inverse trigonometric functions, and solving trigonometric equations.
Lecture Hours: 90 Lab Hours: 18 Repeatable: No Grading: L
Prerequisite: MATH-005
COD GE: C4 CSU GE: B4 IGETC: 2A*

MATH-013 LIBERAL ARTS MATHEMATICS Units: 4
This course is designed for Social Science and Liberal Arts majors. This course emphasizes applications of Mathematics in the areas of management science, probability and statistics, social choice and decision making, game theory, and consumer finance. Topics include sets, logic & counting, probability, linear systems, linear programming & scheduling, statistics, mathematics of finance and applications for Liberal Arts majors.
Lecture Hours: 72 Lab Hours: 18 Repeatable: No Grading: L
Prerequisite: MATH-040 and ENG-051
COD GE: C4 CSU GE: B4 IGETC: 2A

MATH-014 STATISTICAL METHODS Units: 4
This course is an introduction to descriptive and inferential statistics; how to use measures of central tendency and dispersion among population samples to draw inferences about a population and to compare two or more populations. Discrete and continuous probability density distributions are analyzed including the binomial, normal, Student-t, chi-squared, and F-distributions. Confidence intervals for population means, proportions and variance are set. Additional topics include regression and correlation analysis and techniques of hypotheses testing, including ANOVA, and use of calculator and software applications.
Lecture Hours: 72 Lab Hours: 18 Repeatable: No Grading: L
Prerequisite: MATH-040 Advisory: ENG-051
COD GE: C4 CSU GE: B4 IGETC: 2A*

MATH-030 PLANE GEOMETRY Units: 3
This course includes fundamentals of plane geometry, including topics in solid and coordinate geometry, developed by both inductive and deductive processes.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: MATH-054
COD GE: None CSU GE: None IGETC: None

MATH-040 INTERMEDIATE ALGEBRA Units: 4
This course focuses on solving problems using linear, quadratic and exponential models with an introduction to the concept of a function. Topics include solving and graphing linear, quadratic and exponential equations, systems of linear equations, rational exponents, root equations, quadratic inequalities, circles and applications.
Lecture Hours: 54 Lab Hours: 54 Repeatable: No Grading: L
Prerequisite: MATH-054 Advisory: ENG-051 and RDG-051
COD GE: None CSU GE: None IGETC: None

MATH-050 ELEMENTARY ALGEBRA Units: 4
This course is an introduction to the real number system and to the use of variable expressions and equations in problem solving. Topics include properties of the real numbers, arithmetic of variable expressions including polynomials and algebraic fractions, solving linear equations and inequalities in one variable, factoring, and an introduction to the Cartesian coordinate system and the equations and graphs of linear equations in two variables.
Lecture Hours: 72 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: MATH-057
COD GE: None CSU GE: None IGETC: None
MATH-054 BEGINNING ALGEBRA  Units: 4
This course is an introduction to the real number system and to the use of variable expressions and equations in problem solving. Topics include properties of the real numbers, square roots, arithmetic of variable expressions including polynomials and algebraic fractions, solving linear equations and inequalities in one variable, factoring, and an introduction to the Cartesian coordinate system and the equations and graphs of linear equations in two variables. Also, the proper use of math notation is emphasized along with an introduction to Pythagorean Theorem and basic geometric formulas, some dimensional analysis with modeling applications is included.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: MATH-057 or MATH-058
CAN: None
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

MATH-057 COLLEGE ARITHMETIC  Units: 3
This course provides an understanding of and competency in the basic operations of elementary arithmetic. Topics include adding, subtracting, multiplying, and dividing whole numbers, decimals, and fractions. Other topics include: arithmetic with signed numbers, percents and its applications, ratios and proportions, the metric and American system of measurement, including the conversion of units, and elementary geometry concepts such as perimeter, area, and volume.
Lecture Hours: 45  Lab Hours: 27  Repeatable: No  Grading: L
Prerequisite: MATH-067  Advisory: RDG-050 & MATH-066
CAN: None
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

MATH-060A INTRODUCTION TO THE GRAPHING CALCULATOR  Units: 1
This course explores the link between the graphing calculator and mathematics. Students are guided through exploration of topics in Algebra using the graphing calculator. This course prepares students to competently employ the graphing calculator in future mathematics courses.
Lecture Hours: 18  Lab Hours: 0  Repeatable: No  Grading: K
Advisory: ENG-050 and MATH-050 or MATH-054
CAN: None
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

MATH-061 MATH SURVIVAL SKILLS  Units: 1
This is a comprehensive, multifaceted course to aid students in math-anxiety reduction and developing math study skills. Topics include reduction of internal psychological stumbling blocks, learning-style enhancement, and effective study and test-taking skills.
Lecture Hours: 18  Lab Hours: 0  Repeatable: No  Grading: K
Advisory: ENG-050
CAN: None
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

MATH-064 CONVERSION, MEASUREMENT,  Units: 1
& INTRODUCTION TO GEOMETRY
This course provides an understanding of and competency in the basic operations of elementary arithmetic. Topics include: ratios and proportions, the metric and American system of measurement, including the conversion of units, and elementary geometry concepts such as perimeter, area, and volume.
Lecture Hours: 18  Lab Hours: 9  Repeatable: No  Grading: K
Prerequisite: MATH-065  Advisory: RDG-050
CAN: None
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

MATH-065 DECIMALS AND PERCENTS  Units: 1
This course provides an understanding of and competency in the basic operations of elementary arithmetic. Topics include adding, subtracting, multiplying, and dividing decimals. Other topics include percents and their applications.
Lecture Hours: 18  Lab Hours: 9  Repeatable: No  Grading: K
Prerequisite: MATH-066  Advisory: RDG-050
CAN: None
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

MATH-066 INTRODUCTION TO INTEGERS AND FRACTIONS  Units: 1
This course provides an understanding of and competency in the basic operations of elementary arithmetic. Topics include adding, subtracting, multiplying, and dividing integers and proper fractions.
Lecture Hours: 18  Lab Hours: 9  Repeatable: No  Grading: K
Prerequisite: MATH-067  Advisory: RDG-050
CAN: None
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

MATH-067 WHOLE NUMBERS  Units: 1
This course provides an understanding of and competency in the basic operations of elementary arithmetic. Topics include adding, subtracting, multiplying, and dividing whole numbers, with an emphasis placed on memorizing basic number facts.
Lecture Hours: 18  Lab Hours: 9  Repeatable: No  Grading: K
Advisory: RDG-050
CAN: None
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

MATH071 MESA/CCCP ORIENTATION  Units: 1
This course assists students in acquiring the knowledge and skills necessary to reach their educational objectives in engineering, mathematics, and science-related fields. Topics include: career decisions and strategies, educational and personal enrichment, study skills and habits, time management, academic preparation, and success in college. Field trips may be required.
Lecture Hours: 18  Lab Hours: 0  Repeatable: No  Grading: K
CAN: None
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None
training, dictation and the playing of scales and chord progressions at the keyboard.

MATH-003B  MUSIC HISTORY & LITERATURE II  Units: 3
- CLASSICAL THROUGH MODERN

This course explores the history of music in Western civilization from the beginning of the Classical Era through modern times. Stylistic analysis of musical literature is emphasized. Designed for music majors and others with a serious interest in the Arts and Humanities.

Lecture Hours: 54  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: MUS-001
Advisory: Concurrent enrollment in MUS-021A, or MUS-021B, or another music performance class CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3  CSU GE: C1  IGETC: 3A

MUS-005  HISTORY OF ROCK 'N' ROLL  Units: 3

This course is a survey of rock music. The focus is on rock music, the musician, and the manner in which the sociological, political, and economic conditions merged in the evolution of this musical art form.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: MUS-001
Advisory: Concurrent enrollment in MUS-021A, or MUS-021B, or another music performance class CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3,C5  CSU GE: C1  IGETC: 3A

MUS-006  HISTORY OF FILM MUSIC  Units: 3

This course examines film music from the birth of cinema at the turn of the twentieth century to the present. Students will explore the origins of musical-dramatic style, the role music plays in cinema and the scores of famous film composers.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: MUS-001
Advisory: Concurrent enrollment in MUS-021A, or MUS-021B, or another music performance class CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3  CSU GE: None  IGETC: None
MUS-010  INTRODUCTION TO MUSIC  Units: 3  
This course is a general survey of musical style, form and materials designed to acquaint students with the development of music from the Middle Ages to the present.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3  CSU GE: C1  IGEC: 3A

MUS-012  FUNDAMENTALS OF MUSIC  Units: 3  
This is a basic course in music theory designed to develop an understanding of notation, rhythm, pitch, keys, scales, intervals, triads and music terminology.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3  CSU GE: C1  IGEC: 3A

MUS-018  INTRODUCTION TO ART AND MUSIC  Units: 3  
Students examine parallels in ideas and organizational methods found in art and music of the Western World. A comparison is made of major developments of styles with an emphasis on the roles of the visual and aural arts in society from the Middle Ages to the present. (Also listed as, and equivalent to, ART-018 and HUM-018.)
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: C3  CSU GE: C1  IGEC: 3A

MUS-020A  SINGERS’ DICTION AND REPertoire: ENGLISH & ITALIAN  Units: 3  
This course explores the preparation and interpretation of classical vocal repertoire in English and Italian. Designed for singers and accompanists with a serious interest in art songs and arias. Offered fall semester only.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGEC: None

MUS-020B  SINGERS’ DICTION AND REPertoire: GERMAN & FRENCH  Units: 3  
This course explores the preparation and interpretation of classical vocal repertoire in German and French. Designed for singers and accompanists with a serious interest in art songs and arias. Offered spring semester only.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGEC: None

MUS-021A  BEGINNING CLASS PIANO  Units: 2  
Group work in developing piano keyboard facility and reading primary level piano music. Opportunity provided for individual attention and in-class performance. Subsequent enrollment in MUS-021B provides the student an opportunity for additional skill and competency development within the subject matter.
Lecture Hours: 18  Lab Hours: 54  Repeatable: 2  Grading: L
Prerequisite: MUS-021A
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGEC: None

MUS-021B  INTERMEDIATE/ADVANCED CLASS PIANO  Units: 2  
Group work in developing piano keyboard facility and reading intermediate to advanced level piano music. Opportunity provided for individual attention and in-class performance. Repeating the course will provide additional skills and competency within the subject area. May be taken for a total of three times.
Lecture Hours: 18  Lab Hours: 54  Repeatable: 2  Grading: L
Prerequisite: MUS-021A
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGEC: None

MUS-022  CLASS VOICE  Units: 2  
This course involves group study of the foundations of vocal production, technique, diction and interpretation and their application to all styles of singing from pop to classical. It is designed for the non-music major. May be taken for a total of four times.
Lecture Hours: 18  Lab Hours: 54  Repeatable: 3  Grading: L
Prerequisite: MUS-022
Advisory: MUS-022
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGEC: None

MUS-023  BROADWAY VOICE  Units: 2  
This course explores the techniques and practices of singing musical theatre repertoire. While applying principles of healthy vocal technique, students investigate various singing and presentation styles. May be taken for a total of four times.
Lecture Hours: 18  Lab Hours: 54  Repeatable: 3  Grading: L
Advisory: MUS-022
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGEC: None

MUS-025A  BEGINNING CLASS PERCUSSION  Units: 2  
This is a beginning course designed for the non-music major covering fundamentals of percussion instruments and reading basic musical notation. Emphasis is on beginning sound production for percussion instruments. Subsequent enrollment in MUS-025B provides the student an opportunity for additional skill and competency development within the subject matter.
Lecture Hours: 18  Lab Hours: 54  Repeatable: No  Grading: L
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGEC: None
MUS-025B  INTERMEDIATE/ADVANCED
CLASS PERCUSSION

This is an intermediate to advanced course designed for the non-music major that continues the development of percussion techniques introduced in MUS-025A. Emphasis is on intermediate and advanced techniques and sound production for percussion instruments. Repeating this course provides additional skills and competency within the subject area. May be taken for a total of three times.

Lecture Hours: 18  Lab Hours: 54  Repeatable: 2  Grading: L
Prerequisite: MUS-025A
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

MUS-026  CHAMBER ENSEMBLE

Units: 2

Group rehearsal and public performance of standard music literature for small instrumental ensemble including woodwinds, brass, percussion, strings and keyboards. Repeating this course provides additional skills and competency within the subject area. May be taken for a total of four times.

Lecture Hours: 18  Lab Hours: 54  Repeatable: 3  Grading: L
Prerequisite: Audition is required to determine eligibility for enrollment
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

MUS-030  COMMUNITY CHOIR

Units: 1

A mixed choral ensemble open to all students. A variety of mixed choral repertoire will be studied and performed, from standards to contemporary Pop, Broadway, and Vocal Jazz. Rehearsal time will also be devoted to vocal development and improving musicianship. Students who repeat this course will improve skills through further instruction and practice. May be taken a total of four times.

Lecture Hours: 0  Lab Hours: 54  Repeatable: 3  Grading: K
Prerequisite: Vocal audition to determine placement
Advisory: MUS-012
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

MUS-034  VOCAL ENSEMBLE

Units: 2

This course involves study and performance of a diverse array of music literature for small vocal ensembles. Public performances are required. May be taken for a total of four times.

Lecture Hours: 18  Lab Hours: 54  Repeatable: 3  Grading: L
Prerequisite: Vocal audition to determine eligibility
Advisory: MUS-012
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

MUS-036  OPERA WORKSHOP

Units: 2

This course provides training in solos and small ensembles from the light opera and operatic repertoire and culminates in public performances of this repertoire in fully staged scenes. May be taken for a total of four times.

Lecture Hours: 0  Lab Hours: 108  Repeatable: 3  Grading: L
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3  CSU GE: None  IGETC: None

MUS-037  OPERA PERFORMANCE

Units: 2

This course provides instruction in the study and performance of operatic solo and/or ensemble roles in original language or English translation, culminating in full production public performance. Students expand acting and movement skills, develop advanced strategies for preparation, are acquainted with various contexts of the opera under preparation, and think critically about artistic choices. Audition to determine casting. May be taken for a total of four times.

Lecture Hours: 0  Lab Hours: 108  Repeatable: 3  Grading: L
Advisory: ENG-050
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

MUS-039A  BEGINNING CLASS GUITAR

Units: 2

This is a beginning course designed for the non-music major covering fundamentals of guitar technique and reading basic musical notation. Emphasis is on beginning sound production for guitar. Music from Classical, Flamenco, Latin, and popular songs will be covered.

Lecture Hours: 18  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: MUS-012
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

MUS-039B  INTERMEDIATE/ADVANCED
CLASS GUITAR

Units: 2

This is an intermediate to advanced course designed for the non-music major that continues the development of guitar technique introduced in MUS-039A. Emphasis on perfecting sound production and mastery of all aspects of the guitar. Music from Classical, Flamenco, Latin, and popular songs will be covered. Repeating this course provides additional skills and competency within the subject area. May be taken for a total of three times.

Lecture Hours: 18  Lab Hours: 54  Repeatable: 2  Grading: L
Prerequisite: MUS-039A
Advisory: MUS-012
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

MUS-078A  INTRODUCTION TO
DIGITAL AUDIO

Units: 3

This course is an introduction to the history, theory and practice of using computer music software, synthesizers and MIDI (Musical Instrument Digital Interface.) Activities include completing exercises and creating original compositions using synthesizers, computers and computer music software.

Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: MUS-021A
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

College of the Desert Catalog 2008-2009
NR-001L CONSERVATION OF NATURAL RESOURCES LABORATORY

This laboratory designed to supplement the Conservation of Natural Resources course (NR-001) by providing laboratory and field experiences in environmental subject areas. Suggested for Biological Science General Education Requirements.

Lecture Hours: 0 Lab Hours: 54 Repeatable: No Grading: L

Prerequisite: NR-001 or concurrent enrollment

CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C1 CSU GE: B3 IGETC: 5B

NR-003 INTRODUCTION TO WILDLIFE MANAGEMENT

This course covers the principles of wildlife biology as related to wildlife management. Students will be introduced to basic skills involved in wildlife conservation, and develop an understanding of the relationships between wildlife, people, and outdoor recreation. Subjects to be covered include: basic ecological concepts; population dynamics; wildlife habitats and nutrition; wildlife identification and natural history; field methods; fish and game laws; and career opportunities.

Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L

Advisory: NR-001

CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

NR-004 INTRODUCTION TO ECOSYSTEM MANAGEMENT

This course covers ecological, socioeconomic, and institutional factors involved in the management of ecosystems. The history of ecosystem management, terminology, examples of successful and unsuccessful techniques, applications towards forest, chaparral, desert, and grassland management, and the interfacing of science, people, and governments for successful programs, along with job opportunities in public and private natural resources management agencies are discussed.

Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L

Advisory: NR-001

CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

NR-010 WILDLAND FIRE TECHNOLOGY

This course meets the minimum requirements for employment as a wildland fire fighter with State and Federal fire suppression agencies. Basic interagency courses, (I-110, 130, 190, S-212) are included. This course includes the care, maintenance and general use of power and hand crosscut saws and other fire fighting hand tools for fire line construction. This course stresses field performance and teamwork, along with fireline techniques,
NR 17  NATURAL RESOURCES Units: 3
LAW ENFORCEMENT

This course provides information relating to enforcement of natural resources and wildlife laws in the United States and California. Topics studied include the relationships between Federal and State natural resources and wildlife laws and regulations, laws as resource and wildlife management tools, conservation and perpetuation of wildlife and other natural resources, review of State and Federal resource management agencies, law enforcement officer qualifications, duties and responsibilities, enforcement procedures, court systems, fines and forfeitures, hunter safety program, public responsibilities, preservation of the environment and conservation of wildlife. (Also listed as, and equivalent to, AJ-017.)

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

NR-020  GPS AND MAP USE Units: 1

This course provides an overview of Global Positioning System and map use technology. Students utilize hand-held GPS units and learn to apply the basic functions. Students are provided with opportunities to learn application techniques.

Lecture Hours: 18  Lab Hours: 0  Repeatable: No  Grading: O
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

NR-021  INTRODUCTION TO GIS Units: 3

This course provides an overview of GIS (geographic information system) technology. Students utilize computers and learn to apply GIS to relevant areas of interest. Topics covered include applications to: natural resources, landscape architecture, urban planning, fire technology and law enforcement.

Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: CIS-070A
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

NR-041B  NATIVE PLANTS - DESERT Units: 1

This course is designed to introduce students to the identification of desert native plants in the Coachella Valley and surrounding desert areas. Both annuals and perennials (shrubs and trees) are included, with an emphasis placed on desert annuals when they are available. Two Saturday field trips are required. As weather conditions and corresponding plant species vary significantly from one year to the next, this course may be repeated for credit one time.

Lecture Hours: 18  Lab Hours: 0  Repeatable: 1  Grading: O
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

NR-050  WINTER BIRDS Units: 1

This course introduces students to the principles and techniques of bird taxonomy. Emphasis is placed upon the identification of birds that winter locally at the Salton Sea. Saturday field trips to the Salton Sea are required.

Lecture Hours: 18  Lab Hours: 0  Repeatable: No  Grading: O
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

NR-051A  MIGRANT BIRDS - FALL Units: 1

This course introduces students to the principles of bird taxonomy. Emphasis is placed upon the identification of birds that migrate south through our local mountains. Two Saturday field trips are required.

Lecture Hours: 18  Lab Hours: 0  Repeatable: No  Grading: O
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

NR-051B  MIGRANT BIRDS - SPRING Units: 1

This course introduces students to the principles of bird taxonomy. Emphasis is placed upon the identification of birds that use local desert oases as stopover points during spring migration. Two Saturday field trips to local migrant “traps” are required.

Lecture Hours: 18  Lab Hours: 0  Repeatable: No  Grading: O
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None
NURSING

N-001  BASIC CONCEPTS IN NURSING PRACTICE Units: 8
This course introduces students to the organizing framework of the program and to the nursing process. The focus is on optimum wellness. Basic care concepts and skills common to promoting, maintaining or restoring health are presented in the classroom and practiced in college and clinical laboratories. Care is focused on the needs of medical, surgical and geriatric clients. 
Lecture Hours: 72  Lab Hours: 216  Repeatable: No  Grading: L  
Prerequisite: BI-014, BI-015 and acceptance to the program  
CAN: None  
Transfer Status: CSU  Degree Applicable: AA/AS  
COD GE: None  CSU GE: None  IGETC: None

N-002  CONCEPTS OF NURSING PRACTICE FOR COMMONLY OCCURRING ALTERATIONS IN HEALTH Units: 9
This course builds on concepts introduced in Nursing 1 with emphasis on commonly occurring alterations in health in the medical, surgical, and pediatric client. Students receive lectures on campus and gain clinical skills in both the campus laboratory and in a local hospital. 
Lecture Hours: 90  Lab Hours: 216  Repeatable: No  Grading: L  
Prerequisite: N-001  
CAN: None  
Transfer Status: CSU  Degree Applicable: AA/AS  
COD GE: None  CSU GE: None  IGETC: None

N-003A  CONCEPTS OF NURSING PRACTICE FOR COMPLEX ALTERATIONS IN HEALTH Units: 9
This course focuses on promoting, maintaining or restoring health of clients with alterations in psychological functioning and clients during the childbearing process. Previously learned principles of medical surgical nursing are applied. Clinical experience is provided in psychiatric, obstetrical and medical/surgical settings. 
Lecture Hours: 72  Lab Hours: 270  Repeatable: No  Grading: L  
Prerequisite: N-002  Corequisite: N-003B  
CAN: None  
Transfer Status: CSU  Degree Applicable: AA/AS  
COD GE: None  CSU GE: None  IGETC: None

N-004A  CONCEPTS OF NURSING PRACTICE FOR ACUTE COMPLEX ALTERATIONS IN HEALTH Units: 9
In this course students gain knowledge and experience with clients whose optimum level of wellness is altered by acute and complex conditions. Experience is provided in medical and surgical units of the hospital and in intensive, critical care and emergency departments. 
Lecture Hours: 72  Lab Hours: 270  Repeatable: No  Grading: L  
Prerequisite: N-003A  Corequisite: N-004B  
CAN: None  
Transfer Status: CSU  Degree Applicable: AA/AS  
COD GE: None  CSU GE: None  IGETC: None

N-004B  MANAGEMENT CONCEPTS IN NURSING Units: ½
This course introduces students to beginning management concepts in nursing. Students learn how to organize time, delegate responsibilities, teach and supervise those with lesser educational preparation, and use performance evaluation. Decision-making is emphasized. (Experience in supervision of others will be provided during the clinical portion of N-004A.) 
Lecture Hours: 9  Lab Hours: 0  Repeatable: No  Grading: L  
CAN: None  
Transfer Status: CSU  Degree Applicable: AA/AS  
COD GE: None  CSU GE: None  IGETC: None

NUTRITION

HEC-013  GENERAL NUTRITION Units: 3
This course is a study of the chemical composition of foods and their utilization by the body. Practical problems of nutrition and relationship of adequate diet to physical and mental health are covered. 
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L  
Prerequisite: ENG-050  
CAN: FCS 2  
Transfer Status: CSU/UC  Degree Applicable: AA/AS  
COD GE: C2  CSU GE: E  IGETC: None

PHILOSOPHY

PHIL-006  INTRODUCTION TO PHILOSOPHY Units: 3
This course surveys the traditional philosophical problems of knowledge, logic, ethics, aesthetics, religion and metaphysics. A special emphasis is placed upon the ancient Greek philosophers as the foundational thinkers of Western civilization. The historical and conceptual links between ancient Greece and ancient India are discussed. Some relevant developments in medieval and modern philosophy are highlighted. 
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L  
Prerequisite: ENG-050  
CAN: PHIL 2  
Transfer Status: CSU/UC  Degree Applicable: AA/AS  
COD GE: C3,C5  CSU GE: C2  IGETC: 3B
PHIL-007 IDEAS OF THE GREAT PHILOSOPHERS
An introduction to the practice of philosophy through the analysis of selected original writings of some of our greatest philosophers. Topics include the nature of reality, the existence and nature of God, the mind/body problem, skepticism and knowledge, and the foundations of morality.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3,C5 CSU GE: C2 IGETC: 3B

PHIL-010 GENERAL LOGIC
An introduction to the basics of deductive logic and inductive logic. Emphasis is placed on the principles of sound argumentation and the identification of common formal and informal fallacies. Inductive reasoning and the scientific method are also studied.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-001A and MATH-057
CAN: PHIL 6
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C4 CSU GE: A3 IGETC: None

PHIL-011 FORMAL LOGIC
A study of the methods characteristic of modern formal logic. Included are the symbolic representation of arguments in both the propositional and predicate calculi, the criteria of validity, the derivation of theorems using natural deduction, and other techniques of syntactic proof and introductory model theory. Topics in the philosophy of logic are discussed.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-001A and MATH-057
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C4 CSU GE: A3 IGETC: None

PHIL-012 RELIGIONS OF THE WORLD
An historical and conceptual introduction to the world's principal religious philosophies -- Hinduism, Jainism, Buddhism, Sikhism, Taoism, Confucianism, Shintoism, Zoroastrianism, Judaism, Christianity and Islam -- with an examination of their original writings and subsequent commentaries.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3,C5 CSU GE: C2 IGETC: 3B,4G

PHIL-013 PERSPECTIVES ON DEATH AND DYING
In this course, pertinent insights from other cultures, literature, art, law, medicine, psychology, religion and philosophy are presented, analyzed and critically evaluated. Students are encouraged to develop an understanding of death and dying, terminal illness, and attitudes and practices related to death.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3,C5 CSU GE: C2 IGETC: 3B,4G
PHYSICAL EDUCATION

**PE-001 FIRST AID AND SAFETY**  
Units: 3  
This course includes theory and practice in immediate and temporary care given in case of accident or sudden illness, until service of a trained medical professional can be obtained. Upon successful completion, certificates in first aid and C.P.R. are awarded.  
Lecture Hours: 54  
Lab Hours: 0  
Repeatable: No  
Grading: L  
Prerequisite: ENG-050  
CAN: None  
Transfer Status: CSU/UC  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None  

**PE-002 SPORTS OFFICIATING**  
Units: 3  
This course provides instruction in the qualifications, duties, mechanics, and interpretations of officiating football, basketball, baseball, softball, track & field, cross country, volleyball, soccer, swimming, tennis and golf. Emphasis is on NCAA and California Community College rules.  
Lecture Hours: 54  
Lab Hours: 0  
Repeatable: No  
Grading: L  
Prerequisite: ENG-050  
CAN: None  
Transfer Status: CSU/UC  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None  

**PE-003 ATHLETIC TRAINING I**  
Units: 3  
This course provides an introduction to the principles and scientific foundations of athletic training, including prevention, evaluation, treatment and rehabilitation of common athletic injuries. It includes the responsibilities of the Certified Athletic Trainer, policies and procedures for the Training Room, and operation of selected injury rehabilitation modalities.  
Lecture Hours: 54  
Lab Hours: 0  
Repeatable: No  
Grading: L  
Advisory: RDG-051  
CAN: None  
Transfer Status: CSU  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None  

**PE-005 FOUNDATIONS OF COACHING**  
Units: 3  
This course introduces the student to the profession of athletic coaching. Emphasis is on a comprehensive approach to the art and science of coaching including developing a coaching philosophy, sport psychology, sport pedagogy, sport physiology, and sport management. Subject matter includes coaching objectives and style, communication skills, principles of reinforcement, motivation, teaching sport skills, principles for training, team management and self-management.  
Lecture Hours: 54  
Lab Hours: 0  
Repeatable: No  
Grading: L  
Prerequisite: ENG-050  
CAN: None  
Transfer Status: CSU/UC*  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None  

**PE-006 PHYSICAL EDUCATION**  
Units: 1  
This course provides an introduction to the principles and scientific foundations of exercise science, including prevention, evaluation, and rehabilitation of common athletic injuries. It includes the responsibilities of the Certified Athletic Trainer, policies and procedures for the Training Room, and operation of selected injury rehabilitation modalities.  
Lecture Hours: 54  
Lab Hours: 0  
Repeatable: No  
Grading: L  
Prerequisite: ENG-050  
CAN: None  
Transfer Status: CSU/UC  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None  

**PE-008 INTRODUCTION TO HEALTH AND PHYSICAL EDUCATION**  
Units: 3  
This course introduces the student to the professional field of physical education and health as related to the teaching and coaching profession. It brings forward the present curriculum involved with all levels of education, professional organizations, and literature requirements supporting this profession. It includes evaluation of teaching methods, strategies, and skill testing commonly needed by professional physical educators, coaches, and recreation leaders.  
Lecture Hours: 54  
Lab Hours: 0  
Repeatable: No  
Grading: L  
Prerequisite: ENG-050  
CAN: None  
Transfer Status: CSU/UC  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None  

**PE-015 INTRODUCTION TO CHOREOGRAPHY**  
Units: 2  
This course is an introduction to the fundamental elements of choreography and their practical application in creating dance composition. (Equivalent to DANC-010 and TA-011.)  
Lecture Hours: 18  
Lab Hours: 54  
Repeatable: No  
Grading: L  
Prerequisite: ENG-050  
CAN: None  
Transfer Status: CSU/UC  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: C1  
IGETC: None  

**PE-040 AEROBICS, TOTAL BODY FITNESS**  
Units: 1  
This course provides instruction in the latest exercise techniques and principles for students interested in improving their cardiovascular fitness, muscular strength and endurance, flexibility, agility, and body composition levels. It includes a variety of different aerobic exercises, strength training, and flexibility techniques to train the muscular and cardiorespiratory systems. The most current and up-to-date fitness principles and aerobic exercises are taught to provide the students with a large variety of training. May be taken for a total of four times.  
Lecture Hours: 9  
Lab Hours: 27  
Repeatable: 3  
Grading: L  
CAN: None  
Transfer Status: CSU/UC*  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None  

**PE-041 CORE CONDITIONING**  
Units: 1  
This course provides instruction in the latest exercise techniques and principles for students interested in improving core strength, posture, flexibility, speed, muscular strength and endurance. The course includes a variety of exercises aimed to strengthen the following muscle groups of the core region: Rectus abdominus, transverse abdominus, external and internal obliques and the spinal erector, muscles. This course offers additional exercises to strengthen the core pillar strength areas including the following: shoulder, hip, gluteus maximus, and hamstring muscle groups. The course covers the most current and up to date methods of training to enhance fitness and athletic performance. May be taken for a total of four times.  
Lecture Hours: 9  
Lab Hours: 27  
Repeatable: 3  
Grading: L  
CAN: None  
Transfer Status: CSU/UC  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None
### Physical Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE-042</td>
<td>ADAPTED BADMINTON</td>
<td>1</td>
<td>This course provides beginning, intermediate, and advanced instruction and practice in adapted skills, strategies, and rules of singles and doubles badminton designed to meet individual needs. May be taken for a total of four times. Lecture Hours: 9 Lab Hours: 27 Repeatable: 3 Grading: L CAN: None Transfer Status: CSU/UC* Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None</td>
</tr>
<tr>
<td>PE-043</td>
<td>BADMINTON</td>
<td>1</td>
<td>This course provides beginning, intermediate, and advanced instruction and practice in the skills, strategies, and rules of singles and doubles badminton. May be taken for a total of four times. Lecture Hours: 9 Lab Hours: 27 Repeatable: 3 Grading: L CAN: None Transfer Status: CSU/UC* Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None</td>
</tr>
<tr>
<td>PE-044</td>
<td>BASEBALL, FALL</td>
<td>1</td>
<td>This course provides beginning, intermediate, and advanced instruction and practice in the skills and strategies of baseball. May be taken for a total of four times. Lecture Hours: 9 Lab Hours: 27 Repeatable: 3 Grading: L Prerequisite: Varsity baseball player/prospect or coach’s permission. CAN: None Transfer Status: CSU/UC* Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None</td>
</tr>
<tr>
<td>PE-045</td>
<td>BASKETBALL, FALL</td>
<td>1</td>
<td>This course provides beginning, intermediate, and advanced instruction and practice in skills, offensive and defensive strategies, and officiating of basketball. May be taken for a total of four times. Lecture Hours: 9 Lab Hours: 27 Repeatable: 3 Grading: L CAN: None Transfer Status: CSU/UC* Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None</td>
</tr>
<tr>
<td>PE-046</td>
<td>BIAITHLON TRAINING</td>
<td>1</td>
<td>This course provides beginning, intermediate, and advanced instruction in principles, techniques, and practices of fundamental movements used in rhythmic activities, basic dance, and exercise conditioning, with special emphasis on aerobics. May be taken for a total of four times. Lecture Hours: 9 Lab Hours: 27 Repeatable: 3 Grading: L CAN: None Transfer Status: CSU/UC* Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None</td>
</tr>
<tr>
<td>PE-047</td>
<td>BODY SCULPT AND TONE</td>
<td>1</td>
<td>This course is an exercise class for all students. It strengthens and tones specific areas of muscle weakness in the body. The students tone areas not normally strengthened with other aerobic exercise activities. By focusing on each specific area of the body, they increase their knowledge of muscle fitness and injury prevention. Students also learn the fundamental principles of physical fitness and its impact on life-long health and wellness. May be taken for a total of four times. Lecture Hours: 9 Lab Hours: 27 Repeatable: 3 Grading: L CAN: None Transfer Status: CSU/UC* Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None</td>
</tr>
<tr>
<td>PE-048</td>
<td>DANCE, BALLROOM (Classic &amp; Latin)</td>
<td>1</td>
<td>This course provides the student with an appreciation for the art of ballroom dancing and assists the student in developing skills and techniques consistent with the standards of American Amateur Ballroom Dancing. May be taken for a total of four times. Lecture Hours: 9 Lab Hours: 27 Repeatable: 3 Grading: L CAN: None Transfer Status: CSU/UC* Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None</td>
</tr>
<tr>
<td>PE-049</td>
<td>BALLROOM TECHNIQUES</td>
<td>1</td>
<td>This course focuses on further developing the students’ skills with a heavy emphasis on styling and techniques. May be taken for a total of four times. Lecture Hours: 9 Lab Hours: 27 Repeatable: 3 Grading: L CAN: None Transfer Status: CSU Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None</td>
</tr>
<tr>
<td>PE-050</td>
<td>DANCE, MODERN</td>
<td>1</td>
<td>This course provides beginning, intermediate, and advanced instruction in modern dance techniques as a vehicle for creating original movement. May be taken for a total of four times. (Equivalent to DANC-070 and TA-070.) Lecture Hours: 9 Lab Hours: 27 Repeatable: 3 Grading: L CAN: None Transfer Status: CSU/UC* Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None</td>
</tr>
<tr>
<td>PE-051</td>
<td>DANCE, AEROBIC</td>
<td>1</td>
<td>This course provides beginning, intermediate, and advanced instruction in principles, techniques and practices of aerobic exercise activities, basic dance, and exercise conditioning, with special emphasis on aerobics. May be taken for a total of four times. Lecture Hours: 9 Lab Hours: 27 Repeatable: 3 Grading: L CAN: None Transfer Status: CSU/UC* Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None</td>
</tr>
</tbody>
</table>
PE-052 DANCE, AEROBIC (Low Impact) Units: 1
This course provides beginning, intermediate, and advanced instruction in principles, techniques, and practices of aerobic conditioning by means of "step" platforms. Toning and strength exercises may also be used for upper and lower body strengthening. May be taken for a total of four times. (Equivalent to DANC-073 and TA-073.)
Lecture Hours: 9 Lab Hours: 27 Repeatable: 3 Grading: L CAN: None
Transfer Status: CSU/UC* Degree Applicable: AA/AS COD GE: None CSU GE: None IGEC: None

PE-053 DANCE, MODERN (Jazz) Units: 1
This course provides beginning, intermediate, and advanced instruction in jazz dance technique emphasizing optimum body placement and improved body mechanics and coordination. May be taken for a total of four times. (Equivalent to DANC-073 and TA-073.)
Lecture Hours: 9 Lab Hours: 27 Repeatable: 3 Grading: L CAN: None
Transfer Status: CSU/UC* Degree Applicable: AA/AS COD GE: None CSU GE: None IGEC: None

PE-054 DANCE, STEP AEROBIC Units: 1
This course provides beginning, intermediate, and advanced instruction in principles, techniques, and practices of aerobic conditioning by means of "step" platforms. Toning and strength exercises may also be used for upper and lower body strengthening. May be taken for a total of four times. (Equivalent to DANC-073 and TA-073.)
Lecture Hours: 9 Lab Hours: 27 Repeatable: 3 Grading: L CAN: None
Transfer Status: CSU/UC* Degree Applicable: AA/AS COD GE: None CSU GE: None IGEC: None

PE-055 DANCE, TAP Units: 1
This course provides beginning, intermediate, and advanced instruction in basic tap dance steps and simple choreography forms for the improvement of coordination and physical conditioning. May be taken for a total of four times. (Equivalent to DANC-073 and TA-073.)
Lecture Hours: 9 Lab Hours: 27 Repeatable: 3 Grading: L CAN: None
Transfer Status: CSU/UC* Degree Applicable: AA/AS COD GE: None CSU GE: None IGEC: None

PE-056 DANCE, BALLET Units: 1
This course provides beginning, intermediate, and advanced instruction in ballet technique, vocabulary, history, current events, and appreciation of ballet as an art form. May be taken for a total of four times. (Equivalent to DANC-073 and TA-073.)
Lecture Hours: 9 Lab Hours: 27 Repeatable: 3 Grading: L CAN: None
Transfer Status: CSU/UC* Degree Applicable: AA/AS COD GE: None CSU GE: None IGEC: None

PE-057 FENCING Units: 1
This course provides beginning, intermediate, and advanced instruction and performance in fencing skills, and bodily development pertinent thereto, in each of the three competitive weapons: the foil, the sabre, and the epee. May be taken for a total of four times.
Lecture Hours: 9 Lab Hours: 27 Repeatable: 3 Grading: L CAN: None
Transfer Status: CSU/UC* Degree Applicable: AA/AS COD GE: None CSU GE: None IGEC: None

PE-059 FLEXIBILITY & AGILITY, SPORT PERFORMANCE Units: 1
This course provides beginning, intermediate, and advanced instruction for students interested in improving "complete" physical strength, muscular endurance, anaerobic endurance and increased muscular elasticity while reducing connective tissue injuries. Students are required to participate in strenuous physical activity and testing. May be taken for a total of four times.
Lecture Hours: 9 Lab Hours: 27 Repeatable: 3 Grading: L CAN: None
Transfer Status: CSU/UC* Degree Applicable: AA/AS COD GE: None CSU GE: None IGEC: None

PE-060 FOOTBALL CONDITIONING Units: 1
This course provides beginning, intermediate, and advanced intensive conditioning and preparation for intercollegiate football. May be taken for a total of four times.
Lecture Hours: 9 Lab Hours: 27 Repeatable: 3 Grading: L CAN: None
Transfer Status: CSU/UC* Degree Applicable: AA/AS COD GE: None CSU GE: None IGEC: None

PE-061 FOOTBALL, SPRING Units: 1
This course provides beginning, intermediate, and advanced field and classroom preparation for performance oriented students who demonstrate a high degree of skill and interest in intercollegiate football. May be taken for a total of four times.
Lecture Hours: 9 Lab Hours: 27 Repeatable: 3 Grading: L CAN: None
Transfer Status: CSU/UC* Degree Applicable: AA/AS COD GE: None CSU GE: None IGEC: None

PE-062 GOLF Units: 1
This course provides beginning, intermediate, and advanced instruction and practice in the skills and strategies of golf. May be taken for a total of four times.
Lecture Hours: 9 Lab Hours: 27 Repeatable: 3 Grading: L CAN: None
Transfer Status: CSU/UC* Degree Applicable: AA/AS COD GE: None CSU GE: None IGEC: None

PE-063 GOLF: THE SHORT GAME Units: 1
This course provides beginning, intermediate, and advanced instruction and practice in the skills and strategies of the short game of golf. The emphasis of this course is on golf shots up to 100 yards. May be taken for a total of four times.
Lecture Hours: 9 Lab Hours: 27 Repeatable: 3 Grading: L CAN: None
Transfer Status: CSU/UC* Degree Applicable: AA/AS COD GE: None CSU GE: None IGEC: None
**PE-064 ADAPTED TENNIS**  
Units: 1  
Tennis for students with disabilities. Offers instruction and practice in adapted skills, strategies, and rules of tennis designed to meet individual needs. May be taken for a total of eight times.  
Lecture Hours: 9  
Lab Hours: 27  
Repeatable: 7  
Grading: L  
Advisory: Designed for students with disabilities  
COD GE: None  
CSU GE: None  
Degree Applicable: AA/AS  
IGETC: None

**PE-071 KICKBOXING AEROBICS**  
Units: 1  
This course is an aerobics class providing beginning, intermediate, and advanced instruction in principles, techniques, and practices of aerobic conditioning using the style and choreography of martial arts. Students learn proper mechanics and footwork involved with the different styles of kicks, punches, blocking, elbows, and knee strikes. These exercises strengthen and condition all of the major muscle groups as well as providing an efficient workout on the cardiovascular system. Students also learn basic fitness principles associated with physical fitness and the benefits it has on a healthy lifestyle. May be taken for a total of four times.  
Lecture Hours: 9  
Lab Hours: 27  
Repeatable: 3  
Grading: L  
COD GE: None  
CSU GE: None  
Degree Applicable: AA/AS  
IGETC: None
PE-078  SELF-DEFENSE, MARTIAL ARTS  Units: 1
This course provides beginning, intermediate, and advanced instruction in martial arts with an emphasis on physical conditioning, sport, philosophy, and aesthetic appreciation of form and motion. May be taken for a total of four times.
Lecture Hours: 9  Lab Hours: 27  Repeatable: 3  Grading: L
CAN: None  Transfer Status: CSU/UC*  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

PE-079  SOCCER-TOUCH FOOTBALL  Units: 1
This course provides beginning, intermediate, and advanced instruction and practice in the skills and strategies of soccer and touch football. May be taken for a total of four times.
Lecture Hours: 9  Lab Hours: 27  Repeatable: 3  Grading: L
CAN: None  Transfer Status: CSU/UC*  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

PE-080  SOFTBALL  Units: 1
This course provides beginning, intermediate, and advanced instruction and practice in the skills and strategies of softball. May be taken for a total of four times.
Lecture Hours: 9  Lab Hours: 27  Repeatable: 3  Grading: L
CAN: None  Transfer Status: CSU/UC*  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

PE-082  SWIMMING  Units: 1
This course provides beginning, intermediate, and advanced instruction and practice in the various swimming techniques. May be taken for a total of four times.
Lecture Hours: 9  Lab Hours: 27  Repeatable: 3  Grading: L
CAN: None  Transfer Status: CSU/UC*  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

PE-086  TENNIS  Units: 1
This course provides beginning, intermediate, and advanced instruction and practice in skills, strategies, and rules of tennis. May be taken for a total of four times.
Lecture Hours: 9  Lab Hours: 27  Repeatable: 3  Grading: L
CAN: None  Transfer Status: CSU/UC*  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

PE-091  VOLLEYBALL  Units: 1
This course provides beginning, intermediate, and advanced instruction and practice in skills, offensive and defensive strategies, and officiating of volleyball. May be taken for a total of four times.
Lecture Hours: 9  Lab Hours: 27  Repeatable: 3  Grading: L
CAN: None  Transfer Status: CSU/UC*  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

PE-093  WATER FITNESS  Units: 1
This course emphasizes physical fitness and flexibility through resistance exercises in the water. The pool is only 4 feet deep. You do not need to know how to swim. May be taken for a total of four times.
Lecture Hours: 9  Lab Hours: 27  Repeatable: 3  Grading: L
CAN: None  Transfer Status: CSU/UC*  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

PE-094  WELLNESS AND FITNESS  Units: 1
This course is designed to provide instruction on basic fitness activities such as powerwalking, running, aerobics, flexibility, and strength training exercises along with basic fitness principles to support a healthy lifestyle. May be taken for a total of four times.
Lecture Hours: 9  Lab Hours: 27  Repeatable: 3  Grading: L
CAN: None  Transfer Status: CSU/UC*  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

PE-096  WEIGHT TRAINING  Units: 1
This course provides practical application of kinetic strength training principles for the beginner, intermediate, and advanced participant. Physical development and improvement are attained through the use of resistance machinery, free weight apparatus and other selected physical conditioning methods. May be taken for a total of four times.
Lecture Hours: 9  Lab Hours: 27  Repeatable: 3  Grading: L
CAN: None  Transfer Status: CSU/UC*  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

PE-097  WEIGHT TRAINING, FOOTBALL  Units: 1
This course provides practical application of kinetic strength training principles for the beginner, intermediate, and advanced varsity football participant/prospect. Physical development and improvement are attained through the use of resistance machinery, free weight apparatus and other selected physical conditioning methods. May be taken for a total of four times.
Lecture Hours: 9  Lab Hours: 27  Repeatable: 3  Grading: L
Prerequisite: Varsity football player/prospect or coach’s permission
CAN: None  Transfer Status: CSU/UC*  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

PE-098  YOGA  Units: 1
This course is designed for individuals of all fitness levels who would like to increase their body/mind/spirit connection during movement. Students are introduced to the basic alignment and strength concepts of the body via the techniques of Iyengar’s method of hatha yoga. Special focus is placed on developing strength, endurance and correct body alignment in addition to flexibility and relaxation. May be taken for a total of four times.
Lecture Hours: 9  Lab Hours: 27  Repeatable: 3  Grading: L
CAN: None  Transfer Status: CSU/UC*  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None
PHYSICS

PH-001 INTRODUCTORY PHYSICS Units: 4
This course is an introduction to the basic concepts, theories, and principles of physics. Topics include mechanics, properties of matter, heat, electricity and magnetism, waves, and modern physics.

Note: This course is designed for students in general education who need to satisfy a laboratory requirement in the physical sciences, and for those in technical programs who need an introduction to physical concepts.

Lecture Hours: 54  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ENG-051 and MATH-050 or MATH-054
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C1  CSU GE: B1,B3  IGETC: 5A

PH-002A COLLEGE PHYSICS Units: 4
This is an algebra and trigonometry-based physics course designed for any majors not seeking a degree in engineering or the physical sciences. This course is the first semester of the Physics 2 sequence. Physics 2A covers mechanics, sound, fluids and wave motion.

Note: The Physics 2 sequence satisfies the physics requirement for pre-professional and biology students.

Lecture Hours: 54  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: MATH-012 and ENG-050 Advisory: ENG-051
CAN: PHYS SEQ A = PH 2A+2B
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C1  CSU GE: B1,B3  IGETC: 5A

PH-002B COLLEGE PHYSICS Units: 4
This is a calculus-based physics course designed for any majors not seeking a degree in engineering or the physical sciences. This course is the second semester of the Physics 2 sequence. Physics 2B covers electricity, magnetism, heat, optics, and atomic and nuclear physics.

Note: The Physics 2 sequence satisfies the physics requirement for pre-professional and biology students.

Lecture Hours: 54  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: PH-002A Advisory: MATH-001B
CAN: PHYS SEQ A = PH 2A+2B
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C1  CSU GE: B1,B3  IGETC: 5A

PH-004A ENGINEERING PHYSICS Units: 5
This is the first semester of the two-semester calculus-based physics sequence for scientists and engineers including those entering the computer fields. Topics include mechanics, fluids, wave motion, sound and special relativity.

Lecture Hours: 72  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: MATH-001A Advisory: ENG-001A
CAN: PHYS SEQ B = PH 4A+4B
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C1  CSU GE: B1,B3  IGETC: 5A

PH-004B ENGINEERING PHYSICS Units: 5
This is the second semester of the calculus-based physics sequence for scientists and engineers including those entering the computer fields. Topics include electricity, magnetism, thermodynamics and optics.

Lecture Hours: 72  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: PH-004A, and MATH-001B or concurrent enrollment
CAN: PHYS SEQ B = PH 4A+4B
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C1  CSU GE: B1,B3  IGETC: 5A

PH-005 COMPUTER PROGRAMMING I: C++ FOR THE SCIENCES AND ENGINEERING Units: 3
This course is an introduction to the use of C++ for the solution of problems in the physical sciences and engineering through the structured implementation of algorithms on digital computers. The course emphasizes good programming principles and the development of substantial programs. It introduces the use of computer-based software development tools and systems. The course includes numerical methods such as histogramming, Monte Carlo Methods for modeling experiments, statistical analysis, curve fitting, and numerical algorithms.

Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ENG-050 and MATH-010 or MATH-012
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

PH-006A ELECTRIC CIRCUITS FOR ENGINEERING AND SCIENCE Units: 4
This course is the first semester of a one year course designed to provide students with a broad knowledge of the theoretical background and experimental application of modern electronic devices and circuitry. The first semester course covers basic electronic concepts, solid state devices such as diodes and transistors and an introduction to basic analog and digital circuit design and analysis emphasizing practical applications including Ohm’s Law and Kirchhoff’s laws; nodal and loop analysis; analysis of linear circuits; network theorems; transients in RLC circuits; sinusoidal steady-state analysis and application of PSPICE to circuit analysis.

Lecture Hours: 54  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: MATH-001A
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C1  CSU GE: None  IGETC: None

PH-010 STATICS Units: 3
This course is an introduction to the analysis of forces on engineering structures in equilibrium. Vector analysis is utilized to study two- and three-dimensional frames, machines and trusses. Principles of friction, centroids, center of gravity, and moment of inertia for areas and masses are applied to analyze complex real-world problems.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: PH-004A and MATH-001B
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None
**PH-017  INTRODUCTION TO METEOROLOGY  Units: 3**

This course includes the study of the earth’s atmosphere, its composition and vertical structure, energy budgets, air pollution and global warming, clouds and precipitation, weather systems and forecasting, severe weather, and atmospheric optics.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L

**Prerequisite:** ENG-051, RDG-051 and MATH-050 or MATH-054

**CAN:** None

Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C1  CSU GE: B1  IGETC: 5A

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**PSY-001  GENERAL PSYCHOLOGY  Units: 3**

This course is an introduction to principles and theories governing animal and human behavior. Topics include developmental psychology, consciousness, psychotropic drugs, learning, motivation, emotion, intelligence, personality, stress, and social psychology, psychotherapy, and psychological disorders.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L

**Prerequisite:** ENG-050  
**Advisory:** ENG-051 & PSY-001

**CAN:** None

Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C2  CSU GE: D9  IGETC: 4I

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**PSY-003  DEVELOPMENTAL PSYCHOLOGY  Units: 3**

This is a life span course that focuses on the behavioral patterns found at each level of normal human development, including the interrelationships of psychological, sociological, cognitive and physical development from birth to senescence. The implications for both personal development and professional practice are considered.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L

**Prerequisite:** ENG-050  
**Advisory:** ENG-051 & PSY-001

**CAN:** None

Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C2  CSU GE: D9,E  IGETC: 4I

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**PSY-010  PSYCHOLOGICAL ASPECTS OF MARRIAGE AND FAMILY  Units: 3**

This course is designed to develop the student’s repertoire of behavioral skills and an understanding of the principles governing successful marriage and family life. Included are areas such as communication, decision-making, human sexuality, divorce, single parenting, alternative family lifestyles and coping with stress.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L

**Prerequisite:** ENG-050  
**Advisory:** ENG-051 & PSY-001

**CAN:** None

Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C2,C5  CSU GE: D4,E  IGETC: None

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**PSY-012  HUMAN SEXUALITY  Units: 3**

This course examines the development and practice of human sexuality through exploration of the psychological, social, cognitive and physiological dimensions of human behavior.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L

**Prerequisite:** ENG-050

**CAN:** None

Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C5  CSU GE: D7,E  IGETC: 4G

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**PSY-020  ADOLESCENT PSYCHOLOGY  Units: 3**

This course is an introduction to both research and theory related to the growth and development of adolescents. Major areas emphasized include physical and psychological growth, adolescents and their families, the influence of peers, youth subcultures, sex roles, sexual behavior, self-image and the
impact of society at large. A special emphasis is placed on practical techniques useful to parents and professionals who work with adolescents.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L

**Prerequisites:** ENG-050  Advisory: ENG-051 & PSY-001

CAN: None

Transfer Status: CSU/UC  Degree Applicable: AA/AS

COD GE: C2  CSU GE: D9,E  IGETC: 4I

**PSY-023  PSYCHOLOGY OF WOMEN  Units: 3**

This course presents an overview of the social and personality development of the female. More specifically, the course examines the physiological and psychological differences characteristic of women, as well as those resulting from gender linked cultural values.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L

Advisory: ENG-051

CAN: None

Transfer Status: CSU/UC  Degree Applicable: AA/AS

COD GE: C2,C5  CSU GE: D4,D9,E  IGETC: 4I

**PSY-033  PERSONAL AND SOCIAL ADJUSTMENT  Units: 3**

This course examines the development of personality and places emphasis upon the problems of adjustment encountered in such areas as school, family, vocation and community. In particular, the course focuses on understanding the causes of frustration and the process of learning adequate methods of coping in problematic situations.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L

**Prerequisites:** ENG-050

CAN: None

Transfer Status: CSU  Degree Applicable: AA/AS

COD GE: C2  CSU GE: D9,E  IGETC: None

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**RADIO-TELEVISION**

**RTV-002  RADIO AND TELEVISION ANNOUNCING  Units: 2**

This course offers microphone/broadcast announcing techniques and style for commercial delivery, newscasts, music shows, interviews, public service programs, sports and weather segments. There are also some assignments on writing copy for broadcast-news and commercials. This course is offered every Fall semester.

Lecture Hours: 18  Lab Hours: 54  Repeatable: No  Grading: L

CAN: None

Transfer Status: CSU  Degree Applicable: AA/AS

COD GE: None  CSU GE: None  IGETC: None

**RTV-004A  MOTION PICTURE/TELEVISION PRODUCTION  Units: 3**

This course introduces the student to the techniques, procedures, equipment and computer technologies required to produce video motion pictures. Actual production experience is gained through student projects. Field trips to local television stations and a motion picture studio may be included in the course.

Lecture Hours: 18  Lab Hours: 108  Repeatable: No  Grading: L

**Prerequisites:** ENG-050

CAN: None

Transfer Status: CSU  Degree Applicable: AA/AS

COD GE: None  CSU GE: None  IGETC: None

**RTV-004B  ADVANCED MOTION PICTURE/TELEVISION PRODUCTION  Units: 3**

This course is for students who possess proven basic motion picture/video production skills. The course focuses on advanced production of longer or more specialized videos using nonlinear computer editing.

Lecture Hours: 18  Lab Hours: 108  Repeatable: No  Grading: L

**Prerequisites:** RTV-004A

CAN: None

Transfer Status: CSU  Degree Applicable: AA/AS

COD GE: None  CSU GE: None  IGETC: None

**RTV-005  RADIO & TELEVISION WRITING  Units: 3**

This course provides an introduction to the analysis and preparation of radio and television news announcements, commercials, public service announcements, promotional and dramatic announcements, documentaries, and full-length entertainment scripts. The students develop an understanding of the techniques and elements utilized in script writing. This course is offered every Spring semester.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L

Advisory: ENG-051

CAN: None

Transfer Status: CSU  Degree Applicable: AA/AS

COD GE: None  CSU GE: None  IGETC: None

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**READING**

**RDG-050  BASIC READING  Units: 3**

This course is designed to provide extensive study and practice of basic reading skills including vocabulary development, comprehension improvement, and oral reading ability.

Lecture Hours: 54  Lab Hours: 36  Repeatable: No  Grading: O

CAN: None

Transfer Status: None  Degree Applicable: NAA

COD GE: None  CSU GE: None  IGETC: None

**RDG-051  ANALYTICAL READING  Units: 3**

This course is for students who have a vocabulary base for college-level reading but need practice in analytical reading and critical thinking skills. The focus of this course is on improving comprehension. Students read college-level selections from different disciplines and content areas.

Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L

**Prerequisite:** RDG-050

CAN: None

Transfer Status: None  Degree Applicable: NAA

COD GE: None  CSU GE: None  IGETC: None
RECREATION

RE-001  INTRODUCTION TO COMMUNITY RECREATION  Units: 3
This is a theory course which teaches leadership of recreation activities with emphasis on the social development and integration of individuals into group programs; mechanics of planning, techniques of presentation; and a repertoire of social activities as tools for social recreation. Students actively participate in the planning and production of various intramural and other special events.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

RE-002A  RECREATION FIELD WORK  Units: 1
This course gives practical experience to students who are training for careers in the physical education, recreation, and athletic field. Course requirements include work at various facilities, both on and off campus. May be taken a total of four times.
Lecture Hours: 18  Lab Hours: 0  Repeatable: 3  Grading: L
Advisory: ENG-050
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

RE-002B  RECREATION FIELD WORK  Units: 2
This course gives practical experience to students who are training for careers in the physical education, recreation, and athletic field. Course requirements include work at various facilities, both on and off campus. May be taken a total of two times.
Lecture Hours: 36  Lab Hours: 0  Repeatable: 1  Grading: L
Advisory: ENG-050
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

RE-002C  RECREATION FIELD WORK  Units: 3
This course gives practical experience to students who are training for careers in the physical education, recreation, and athletic field. Course requirements include work at various facilities, both on and off campus.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Advisory: ENG-050
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

RE-002D  RECREATION FIELD WORK  Units: 4
This course gives practical experience to students who are training for careers in the physical education, recreation, and athletic field. Course requirements include work at various facilities, both on and off campus.
Lecture Hours: 72  Lab Hours: 0  Repeatable: No  Grading: L
Advisory: ENG-050
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

SOCIOLOGY

SOC-001  INTRODUCTORY SOCIOLOGY  Units: 3
This course is a survey of the characteristics of social life, the processes of social interaction, and the tools of sociological investigation.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050
CAN: SOC 2
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C2,C5  CSU GE: D0  IGETC: 4J

SOC-002  SOCIAL PROBLEMS  Units: 3
An application of sociological principles and concepts in an analysis of the family, religion, education, minorities, crime and delinquency, urban society, industry, and politics. Special attention is given to the interpretation of relevant quantitative data.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: SOC-001
CAN: SOC 4
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C2,C5  CSU GE: D0  IGETC: 4J

SOC-003  FUNDAMENTALS OF STATISTICS  Units: 3
This course is a study of the fundamental concepts and techniques of statistical analysis which are encountered in all areas of application. Emphasis is placed upon precise mathematical reasoning coupled with a thorough understanding of the rationale underlying the statistical methods employed. The course encompasses both descriptive and inferential concepts and techniques, including the mathematical principles of probability theory and their application to parameter estimation and hypothesis testing. Published reports representative of the many ways in which statistical methods/data are employed in support of specific conclusions are examined with respect to both the appropriateness of their use and interpretation.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-051 and MATH-040
CAN: None
Transfer Status: CSU/UC° Degree Applicable: AA/AS
COD GE: C4  CSU GE: B4  IGETC: 2A

SOC-004  SOCIOLOGICAL ANALYSIS AND CRITICAL THINKING  Units: 3
This course provides instruction in the principles of critical analysis and the composition of reasoned, written responses to a variety of social issues. These include issues falling within the scope of sociology, anthropology, economics, education, politics, criminology, biology and the physical sciences. Both deductive and inductive forms of reasoning are studied, including common formal and informal fallacies.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-001A and MATH-050 or MATH-054
CAN: None
Transfer Status: CSU/UC° Degree Applicable: AA/AS
COD GE: C4,C5  CSU GE: A3  IGETC: 1B
Spanish

**SOC-014 MINORITY GROUPS IN THE AMERICAS**
Units: 3
This is a comparative study of Native American, Asian, African, and European groups in the Americas as approached from the perspectives of sociology with particular focus on minority group status in contemporary society.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-050
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C2,C5 CSU GE: D0,D3 IGETC: 4J

**SOC-015 MEXICAN AMERICAN CULTURE**
Units: 3
This course is an introduction to the culture and society of Mexican Americans. The various social, political, and economic conditions and experiences of people of Mexican ancestry living in the United States are examined in historical context, from the pre-Columbian period to the present. The group’s culture and the group’s relationship with the larger society are explored and analyzed.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Prerequisite: ENG-001A or concurrent enrollment
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C2,C5 CSU GE: D0,D3 IGETC: 4C,4J

**SPANISH**

**SPAN-001 ELEMENTARY SPANISH**
Units: 5
This course presents the fundamentals of Spanish. Fluency in understanding, speaking, reading, and writing within the context of Hispanic society, history, and culture is emphasized. Completion of SPAN 1A and SPAN 1B is equivalent to SPAN 1.
Lecture Hours: 90 Lab Hours: 18 Repeatable: No Grading: L
CAN: SPAN 2; SPAN SEQ A
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3 CSU GE: C2 IGETC: 6A

**SPAN-001A ELEMENTARY SPANISH**
Units: 3
This course presents the fundamentals of Spanish. Fluency in understanding, speaking, reading, and writing within the context of Hispanic society, history, and culture is emphasized. Completion of SPAN 1A and SPAN 1B is equivalent to SPAN 1.
Lecture Hours: 54 Lab Hours: 18 Repeatable: No Grading: L
CAN: SPAN 2; SPAN SEQ A
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3 CSU GE: C2 IGETC: None

**SPAN-001B ELEMENTARY SPANISH**
Units: 3
This course presents the fundamentals of Spanish. Fluency in understanding, speaking, reading, and writing within the context of Hispanic society, history, and culture is emphasized. Completion of SPAN 1A and SPAN 1B is equivalent to SPAN 1.
Lecture Hours: 54 Lab Hours: 18 Repeatable: No Grading: L
Prerequisite: SPAN-001A
CAN: SPAN 2; SPAN SEQ A
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3 CSU GE: C2 IGETC: 6A

**SPAN-002 ELEMENTARY SPANISH**
Units: 5
This course builds upon the material presented in SPAN 1 and further develops the conversational skills in confirming and correcting information and using correct response behaviors. Fluency in understanding, speaking, reading and writing within the context of Hispanic society, history and culture is emphasized. Completion of SPAN 2A and SPAN 2B is equivalent to SPAN 2.
Lecture Hours: 90 Lab Hours: 18 Repeatable: No Grading: L
Prerequisite: SPAN 1 or SPAN 1B or 2 years high school Spanish
CAN: SPAN 4; SPAN SEQ A
Transfer Status: CSU/UC* Degree Applicable: AA/AS
COD GE: C3 CSU GE: C2 IGETC: 3B*, 6A*

**SPAN-002A ELEMENTARY SPANISH**
Units: 3
This course builds upon the material presented in SPAN 1 or SPAN 1B and further develops the conversational skills in confirming and correcting information and using correct response behaviors. Fluency in understanding, speaking, reading and writing within the context of Hispanic society, history and culture is emphasized. Completion of SPAN 2A and SPAN 2B is equivalent to SPAN 2.
Lecture Hours: 54 Lab Hours: 18 Repeatable: No Grading: L
Prerequisite: SPAN 1 or SPAN 1B or 2 years high school Spanish
CAN: SPAN 4; SPAN SEQ A
Transfer Status: CSU/UC* Degree Applicable: AA/AS
COD GE: C3 CSU GE: C2 IGETC: 3B*, 6A*

**SPAN-002B ELEMENTARY SPANISH**
Units: 3
This course builds upon the material presented in SPAN 2A and further develops the conversational skills in confirming and correcting information and using correct response behaviors. Fluency in understanding, speaking, reading and writing within the context of Hispanic society, history and culture is emphasized. Completion of SPAN 2A and SPAN 2B is equivalent to SPAN 2.
Lecture Hours: 54 Lab Hours: 18 Repeatable: No Grading: L
Prerequisite: SPAN-002A
CAN: SPAN 4; SPAN SEQ B
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3 CSU GE: C2 IGETC: 3B*, 6A*

**SPAN-003 INTERMEDIATE SPANISH**
Units: 4
This course strengthens the students’ communication skills in the spoken and written language. Emphasis is on the customs and culture of the Hispanic world. Hispanic literature is introduced.
Lecture Hours: 72 Lab Hours: 18 Repeatable: No Grading: L
Prerequisite: SPAN-002 or SPAN-002B
CAN: SPAN 8; SPAN SEQ B
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3 CSU GE: C2 IGETC: 3B*, 6A*

**SPAN-004 INTERMEDIATE SPANISH**
Units: 4
This course expands the students’ ability to communicate in Spanish. Emphasis is on the discussion of socio-cultural selections and literature of the Hispanic-speaking world.
Lecture Hours: 72 Lab Hours: 18 Repeatable: No Grading: L
Prerequisite: SPAN-003
CAN: SPAN 10; SPAN SEQ B
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C3 CSU GE: C2 IGETC: 3B*, 6A*
SP-001 INTRO TO INTERPERSONAL COMMUNICATION Units: 3

This course enables students to understand and demonstrate interpersonal communication skills. Students focus on knowledge of communication theories, self-concept, methods of resolving conflict, issues of human perception, non-verbal communication and improvement of listening skills. Significant writing and research assignments are an integral part of the course.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Advisory: ENG-001A
CAN: SPCH 8
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C4,C5 CSU GE: A1 IGETC: None

SP-002 ORAL INTERPRETATION OF LITERATURE Units: 3

Oral Interpretation of Literature encourages student growth in the comprehension, analysis, and evaluation of all major forms of literature, prose, poetry, and drama. The study of literary genres, styles of composition, techniques of characterization, approaches to literary criticism, performance skills, and editing techniques are included. The course provides students an opportunity to synthesize classroom material through performance and presentation.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Advisory: ENG-051
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C5 CSU GE: None IGETC: None

SP-004 PUBLIC SPEAKING Units: 3

This course emphasizes theory and the practice of basic techniques for successful public communication. Students learn to develop an effective interpersonal style of public communication. Informative, expository, persuasive, extemporaneous, and impromptu forms of speaking are covered.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Advisory: ENG-001A
CAN: SPCH 4
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C4 CSU GE: A1 IGETC: 1C

SP-005 GROUP DISCUSSION AND LEADERSHIP Units: 3

This course provides students the opportunity to examine and practice the basic principles of group interaction. Students focus on leadership, use of power, physical environment, conflict resolution, conformity, group change and growth.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Advisory: ENG-001A
CAN: SPCH 10
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C4 CSU GE: A1 IGETC: None

SP-007 DECISION MAKING AND ADVOCACY Units: 3

This course focuses on the process of decision making as it relates to attitudes, values and cultural beliefs. The course covers argumentation skills, persuasion, and the effective use of evidence. Students learn these skills through practice and the analysis of media, propaganda, as well as current and historical political speeches.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L
Advisory: ENG-001A
CAN: SPCH 6
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: C4 CSU GE: A3 IGETC: None

STDV-010 CAREERS IN TEACHING Units: 1

This course provides students with an overview of the teaching profession. The course surveys the history of the teaching profession, nature of the work, career options, academic preparation, credentialing, and supply and demand for teachers. Career assessments and goal setting principles are utilized to help students formulate an educational plan. Students are required to complete a field based assignment requiring visitation to an approved educational institution. The course is designed for students considering a career in teaching.
Lecture Hours: 18 Lab Hours: 0 Repeatable: No Grading: L
Advisory: ENG-050
CAN: None
Transfer Status: CSU/UC Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

STDV-012 CAREER/LIFE PLANNING & PERSONAL EXPLORATION Units: 3

This course is designed to cover theories and concepts of values, interests, skills, and personality as applied to the career and life planning process. It assists students to establish life, career, educational, and personal goals and to develop plans and strategies to meet those goals.
Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: O
Advisory: ENG-050 and RDG-050
CAN: None
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: C2 CSU GE: E IGETC: None
STDV-051  COLLEGE SURVIVAL SKILLS FOR EOPS STUDENTS
Units: 1
This course provides EOPS students with information critical to their success at COD. Student support services programs, EOPS and college expectations are discussed in detail. Students become familiar with the college as a whole and are able to ascertain what specific programs and services are available to assist them in reaching their goals.
Lecture Hours: 18 Lab Hours: 0 Repeatable: No Grading: K CAN: None Transfer Status: None Degree Applicable: NAA COD GE: None CSU GE: None IGETC: None

STDV-052  STRATEGIES FOR COLLEGE TRANSFER
Units: 1
This course provides students with a concrete plan for understanding and succeeding in transferring to a four-year college or university. Topics include the following: identifying long-term educational and career goals, using technology for college and career search (i.e., assist.org, Eureka), selecting a transfer institution, completing applications for transfer admission, and applying for financial aid and scholarships.
Lecture Hours: 18 Lab Hours: 0 Repeatable: No Grading: L Prerequisite: ENG-050 CAN: None Transfer Status: None Degree Applicable: NAA COD GE: None CSU GE: None IGETC: None

STDV-053  HUMAN POTENTIAL SEMINAR
Units: 1
This course assists students in improving self-esteem. Students learn specific techniques to overcome self-defeating behaviors. Topics include becoming more effective at self affirmation, self motivation, self determination, and learning to be empathetic.
Lecture Hours: 18 Lab Hours: 0 Repeatable: No Grading: L CAN: None Transfer Status: None Degree Applicable: NAA COD GE: None CSU GE: None IGETC: None

STDV-055A  PRINCIPLES OF STUDENT LEADERSHIP
Units: 2
This course assists students in improving leadership skills in student government and prepares them for future leadership positions and supervisor careers. Students observe and practice parliamentary procedures in ASCOD meetings. They study organizational structure and governance models in both the private and public sector. Course topics include interpersonal communication, decision-making, problem solving, goal setting, change management, time management, and team building through small group discussions, team activities, and committee participation.
Lecture Hours: 36 Lab Hours: 0 Repeatable: No Grading: L Prerequisite: ENG-050 CAN: None Transfer Status: CSU Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

STDV-055B  ADVANCED PRINCIPLES OF STUDENT LEADERSHIP
Units: 2
This course assists students in improving leadership skills in student government and prepares them for future leadership positions and supervisor careers. They study organizational structure and governance models in both the private and public sector with a focus on situational leadership theory. This course offers advanced principles of conflict resolution, problem solving, change management, planning and organizing, and parliamentary procedures. Students participate in a web-enhancement component on problem solving.
Lecture Hours: 36 Lab Hours: 0 Repeatable: No Grading: K CAN: None Transfer Status: None Degree Applicable: AA/AS COD GE: None CSU GE: None IGETC: None

STDV-058  CAREER DEVELOPMENT
Units: 1
This course assists students in the process of career decision making. The focus on self assessment, refinement of decision-making skills and career information and research provides students with an on-going system for implementation of career goals.
Lecture Hours: 18 Lab Hours: 0 Repeatable: No Grading: L CAN: None Transfer Status: None Degree Applicable: NAA COD GE: None CSU GE: None IGETC: None

STDV-060  COLLEGE SUCCESS SKILLS
Units: 1
This course helps college students learn the information and develop the skills necessary for success in college. Course topics include an overview of higher education, student support services (including financial aid), study skills (including time management, note taking and test preparation), and an introduction to transfer and career development. Students are helped to develop realistic educational plans consistent with their educational goals.
Lecture Hours: 18 Lab Hours: 0 Repeatable: No Grading: O CAN: None Transfer Status: None Degree Applicable: NAA COD GE: None CSU GE: None IGETC: None

STDV-060A  ORIENTATION TO COLLEGE
Units: ½
This course is designed to introduce first-time college student to various college services and programs. It includes enrollment procedures, interpretation of the College of the Desert Assessment, information on educational programs and assistance in formulating a first semester educational plan.
Lecture Hours: 9 Lab Hours: 0 Repeatable: No Grading: K CAN: None Transfer Status: None Degree Applicable: NAA COD GE: None CSU GE: None IGETC: None
Student Development

STDV-062  INTRODUCTION TO SCHOLARSHIPS
Units: 1.5
This course introduces students to books, software and Internet sites that offer scholarships. Instruction is given on writing a personal statement, developing a scholarship résumé, requesting materials and letters of recommendation, completing application forms and creating appropriate thank you letters. Students are guided on setting up a system of organization of materials.
Lecture Hours: 18  Lab Hours: 27  Repeatable: No  Grading: O
Advisory: Basic knowledge of the Internet, basic word-processing
Can: None
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

STDV-065  FOUNDATIONS OF COLLEGE SUCCESS
Units: 3
This course provides in-depth exploration of information and skills necessary for success in college. Course topics include self assessment and goal setting, study skills in math, reading and writing, time management and financial planning. Students develop realistic educational plans consistent with their educational goals.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Can: None
Transfer Status: None  Degree Applicable: NAA
COD GE: None  CSU GE: None  IGETC: None

SUPERVISION AND MANAGEMENT
See Business/Supervision & Management (page 155)

THEATRE ARTS

TA-001  INTRODUCTION TO THE THEATRE
Units: 3
This course is designed as a general survey of the history, theory and practice of theatre art from its origins to the present time. The study includes elements of drama, historic structures of the theatre, characteristic types of plays, the contribution of the director, actors, designers, and contemporary production techniques.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Advisory: ENG-050
Can: ENGL 22
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3  CSU GE: C1  IGETC: 3B

TA-002  ACTING I
Units: 3
This course provides basic instruction in acting technique. Exercises focus on characterization, improvisation, and vocal projection. While developing responsibility to the art form, emphasis is placed on developing awareness of one's feelings, senses, and relationship to the world around them. May be taken for a total of two times.
Lecture Hours: 36  Lab Hours: 54  Repeatable: 1  Grading: L

Advisor: ENG-050
Can: DRAM 8
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3  CSU GE: C1  IGETC: None

TA-003  ACTING II
Units: 3
This course furthers the study of acting, emphasizing the importance of character analysis and development. This course is designed to develop actors' skills in character study and script breakdown. May be taken for a total of three times.
Lecture Hours: 36  Lab Hours: 54  Repeatable: 2  Grading: L
Prerequisite: TA-002
Can: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

TA-009  STAGECRAFT
Units: 3
This course offers the student an introduction to the art of stage scenery and theatrical properties. The course deals with the techniques of construction and organizational process, the group dynamic and the understanding of good stage scenery and/or theatrical property.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Can: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

TA-010  INTRODUCTION TO DESIGN AND PRODUCTION
Units: 3
An introductory course in the theory and practice of theatrical design, its construction and its execution. The lab explores the application of a theatrical design through construction, execution, and use of proper technical theatre practices.
Lecture Hours: 36  Lab Hours: 54  Repeatable: No  Grading: L
Advisory: ENG-050
Can: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

TA-011  INTRODUCTION TO CHOREOGRAPHY
Units: 2
This course is an introduction to the fundamental elements of choreography and their practical application in creating dance composition. (Equivalent to DANC-010 and PE-015.)
Lecture Hours: 18  Lab Hours: 54  Repeatable: No  Grading: L
Prerequisite: ENG-050
Can: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: C1  IGETC: None

TA-015  HISTORY OF DANCE
Units: 3
This survey course examines the chronological development of dance and includes the study of pre-classic through contemporary forms. It emphasizes the interconnections between aesthetic practice and people, events, and ideas. (Equivalent to DANC-015.)
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050
Can: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: C1  IGETC: 3A

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TA-020  PLAY PRODUCTION - ACTING  Units: 1
This course exposes the student to the methods and execution of acting as it applies directly to a faculty directed stage production or workshop. The style and artistic discipline vary with each production. It is designed to give the student practical application of acting skills and actual acting experience with an emphasis on rehearsal and performance techniques. May be taken for a total of four times.
Lecture Hours: 0  Lab Hours: 54  Repeatable: 3  Grading: L
Prerequisite: Audition or consent of instructor  Advisory: ENG-050
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

TA-021  PLAY PRODUCTION - ACTING  Units: 2
This course exposes the student to the methods and execution of acting as it applies directly to a faculty directed stage production or workshop. The style and artistic discipline vary with each production. It is designed to give the student practical application of acting skills and actual acting experience with an emphasis on rehearsal and performance techniques. May be taken for a total of four times.
Lecture Hours: 0  Lab Hours: 108  Repeatable: 3  Grading: L
Prerequisite: Audition or consent of instructor  Advisory: ENG-050
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

TA-022  PLAY PRODUCTION - ACTING  Units: 3
This course exposes the student to the methods and execution of acting as it applies directly to a faculty directed stage production or workshop. The style and artistic discipline vary with each production. It is designed to give the student practical application of acting skills and actual acting experience with an emphasis on rehearsal and performance techniques. May be taken for a total of four times.
Lecture Hours: 0  Lab Hours: 162  Repeatable: 3  Grading: L
Prerequisite: Audition or consent of instructor  Advisory: ENG-050
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

TA-024  PLAY PRODUCTION - DANCE  Units: 1
This course exposes the student to the methods and execution of dance as it applies directly to a fully mounted musical theater production or dance concert. It includes exposure to both acting areas and dancing areas as needed by the director and choreographer of the actual production. Emphasis is on rehearsal and performance techniques. May be taken for a total of four times.
Lecture Hours: 0  Lab Hours: 54  Repeatable: 3  Grading: L
Prerequisite: Audition or consent of instructor  Advisory: ENG-050
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

TA-025  PLAY PRODUCTION - DANCE  Units: 2
This course exposes the student to the methods and execution of dance as it applies directly to a fully mounted musical theater production or dance concert. It includes exposure to both acting areas and dancing areas as needed by the director and choreographer of the actual production. Emphasis is on rehearsal and performance techniques. May be taken for a total of four times.
Lecture Hours: 0  Lab Hours: 108  Repeatable: 3  Grading: L
Prerequisite: Audition or consent of instructor  Advisory: ENG-050
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

TA-026  PLAY PRODUCTION - DANCE  Units: 3
This course exposes the student to the methods and execution of dance as it applies directly to a fully mounted musical theater production or dance concert. It includes exposure to both acting areas and dancing areas as needed by the director and choreographer of the actual production. Emphasis is on rehearsal and performance techniques. May be taken for a total of four times.
Lecture Hours: 0  Lab Hours: 162  Repeatable: 3  Grading: L
Prerequisite: Audition or consent of instructor  Advisory: ENG-050
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

TA-030  PLAY PRODUCTION - TECHNICAL  Units: 1
This course permits progressive participation and instruction in technical play production. Students have hands-on experience in execution of technical roles for actual productions, such as set construction, prop building, scene painting and running crew. Students learn the safe and proper use of power tools, and the various skills, and techniques used in technical theatre. Repetition of the course work will require the student to expand their focus in the various areas of technical theatre. May be taken for a total of four times.
Lecture Hours: 0  Lab Hours: 54  Repeatable: 3  Grading: L
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

TA-031  PLAY PRODUCTION - TECHNICAL  Units: 2
This course permits progressive participation and instruction in technical play production. Students have hands-on experience in execution of technical roles for actual productions, such as set construction, prop building, scene painting and running crew. Students learn the safe and proper use of power tools, and the various skills, and techniques used in technical theatre. Repetition of the course work will require the student to expand their focus in the various areas of technical theatre. May be taken for a total of four times.
Lecture Hours: 0  Lab Hours: 108  Repeatable: 3  Grading: L
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None
TA-032  PLAY PRODUCTION - TECHNICAL  Units: 3
This course permits progressive participation and instruction in technical play production. Students have hands-on experience in execution of technical roles for actual productions, such as set construction, prop building, scene painting and running crew. Students learn the safe and proper use of power tools, and the various skills, and techniques used in technical theatre. Repetition of the course work will require the student to expand their focus in the various areas of technical theatre. May be taken for a total of four times.
Lecture Hours: 0  Lab Hours: 162  Repeatable: 3  Grading: L
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3  CSU GE: None  IGETC: None

TA-050  THEATRE DANCE  Units: 1
This course includes progressive practical training in Ballet, Modern, Jazz and Tap for stage performance as well as basic theory and application of various choreographic techniques for musical theater productions. May be taken for a total of four times.
Lecture Hours: 9  Lab Hours: 27  Repeatable: 3  Grading: L
Advisory: ENG-050
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

TA-051  THEATRE DANCE  Units: 2
This course includes progressive practical training in Ballet, Modern, Jazz and Tap for stage performance as well as basic theory and application of various choreographic techniques for musical theater productions. May be taken for a total of four times.
Lecture Hours: 18  Lab Hours: 54  Repeatable: 3  Grading: L
Advisory: ENG-050
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

TA-069A  DRAMATIC LITERATURE  Units: 3
This course presents a survey of the masterworks of the theater from the Greek classics to the Nineteenth Century. Students read and analyze the various elements of the plays in relation to their cultural background.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050  Advisory: ENG-051
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3  CSU GE: C2  IGETC: 3B

TA-069B  DRAMATIC LITERATURE  Units: 3
This course presents a survey of the masterworks of the theater from the Nineteenth Century to the present. Students read and analyze the various elements of the plays in relation to their cultural background.
Lecture Hours: 54  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-050  Advisory: TA-069A
CAN: None
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: C3  CSU GE: C2  IGETC: 3B

TA-070  DANCE, MODERN  Units: 1
This course provides beginning, intermediate, and advanced instruction in modern dance techniques as a vehicle for creating original movement. May be taken for a total of four times. (Equivalent to PE-050 & DANC-070.)
Lecture Hours: 9  Lab Hours: 27  Repeatable: 3  Grading: L
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

TA-073  DANCE, MODERN (Jazz)  Units: 1
This course provides beginning, intermediate, and advanced instruction in jazz dance technique emphasizing optimum body placement and improved body mechanics and coordination. May be taken for a total of four times. (Equivalent to PE-053 and DANC-073.)
Lecture Hours: 9  Lab Hours: 27  Repeatable: 3  Grading: L
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

TA-075  DANCE, TAP  Units: 1
This course provides beginning, intermediate, and advanced instruction in tap dance steps and simple choreography forms for the improvement of coordination and physical conditioning. May be taken for a total of four times. (Equivalent to PE-055 and DANC-075.)
Lecture Hours: 9  Lab Hours: 27  Repeatable: 3  Grading: L
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

TA-076  DANCE, BALLET  Units: 1
This course provides beginning, intermediate, and advanced instruction in ballet technique, vocabulary, history, current events, and appreciation of ballet as an art form. May be taken for a total of four times. (Equivalent to PE-056 and DANC-076.)
Lecture Hours: 9  Lab Hours: 27  Repeatable: 3  Grading: L
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

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TA-080  THEATRE MAKE-UP  Units: 3
This course explores the basic principles and application techniques of theatrical, film, print, television and special effect make-up. It executes the learned skills in a laboratory atmosphere utilizing current sanitation rules and regulations as established by the state of California. Students create an accurate pictorial dictionary, a "morgue", and use it as a reference in creating makeup executions. Students learn to create characters from scripts using design, timeline plots, visual renderings and written descriptions. Students learn facial anatomy and its relationship to make-up placement and color. Students learn product knowledge, including how to access appropriate materials. Other topics include pre and post production responsibilities of a make-up designer/artist applicable to various venues. May be taken for a total of two times.
Lecture Hours: 36  Lab Hours: 54  Repeatable: 1  Grading: L
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

TA-090  MUSICAL THEATRE WORKSHOP  Units: 1
This course explores the techniques and practices of Musical Theatre performance. Basic instruction and rehearsals expose students to the creative process as they participate in all three areas of musical theatre performance: acting, singing and dancing. The study and performance of excerpts from various time periods and styles are included, to acquaint the students with a wide variety of musical theatre. Students perform selected Musical Theatre excerpts at the culmination of the semester. May be taken for a total of four times.
Lecture Hours: 0  Lab Hours: 54  Repeatable: 3  Grading: L
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

TA-091  MUSICAL THEATRE WORKSHOP  Units: 2
This course explores the techniques and practices of Musical Theatre performance. Basic instruction and rehearsals expose students to the creative process as they participate in all three areas of musical theatre performance: acting, singing and dancing. The study and performance of excerpts from various time periods and styles are included, to acquaint the students with a wide variety of musical theatre. Students perform selected Musical Theatre excerpts at the culmination of the semester. May be taken for a total of four times.
Lecture Hours: 0  Lab Hours: 108  Repeatable: 3  Grading: L
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

TA-092  MUSICAL THEATRE WORKSHOP  Units: 3
This course explores the techniques and practices of Musical Theatre performance. Basic instruction and rehearsals expose students to the creative process as they participate in all three areas of musical theatre performance: acting, singing and dancing. The study and performance of excerpts from various time periods and styles are included, to acquaint the students with a wide variety of musical theatre. Students perform selected Musical Theatre excerpts at the culmination of the semester. May be taken for a total of four times.
Lecture Hours: 0  Lab Hours: 162  Repeatable: 3  Grading: L
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

TA-094  ADVANCED MUSICAL THEATRE  Units: 1
This course explores the advanced techniques and practices of Musical Theatre performance. Advanced instruction and rehearsals expose students to the creative process as they participate in all three areas of musical theatre performance: acting, singing and dancing. Stage presence and performance techniques are emphasized. This course includes performance in a Musical Theatre production. May be taken for a total of four times.
Lecture Hours: 0  Lab Hours: 54  Repeatable: 3  Grading: L
Prerequisite: TA-092 or Audition;  Advisory: MUS-022, TA-002, TA-050
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

TA-095  ADVANCED MUSICAL THEATRE  Units: 2
This course explores the advanced techniques and practices of Musical Theatre performance. Advanced instruction and rehearsals expose students to the creative process as they participate in all three areas of musical theatre performance: acting, singing and dancing. Stage presence and performance techniques are emphasized. This course includes performance in a Musical Theatre production. May be taken for a total of four times.
Lecture Hours: 0  Lab Hours: 108  Repeatable: 3  Grading: L
Prerequisite: TA-092 or Audition;  Advisory: MUS-022, TA-002, TA-050
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

TA-096  ADVANCED MUSICAL THEATRE  Units: 3
This course explores the advanced techniques and practices of Musical Theatre performance. Advanced instruction and rehearsals expose students to the creative process as they participate in all three areas of musical theatre performance: acting, singing and dancing. Stage presence and performance techniques are emphasized. This course includes performance in a Musical Theatre production. May be taken for a total of four times.
Lecture Hours: 0  Lab Hours: 162  Repeatable: 3  Grading: L
Prerequisite: TA-092 or Audition
Advisory: MUS-022, TA-002, TA-050
Transfer Status: CSU/UC  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None
**Varsity Sports**

**VARSITY SPORTS-MEN**

**VSM-011 VARSITY BASEBALL - MEN**  
Units: 3  
This course is intercollegiate competition for Performance Oriented students who demonstrate a high degree of skill and interest. May be taken for a total of two times.  
Lecture Hours: 0  
Lab Hours: 180  
Repeatable: 1  
Grading: L  
Prerequisite: Successful tryout  
CAN: None  
Transfer Status: CSU/UC*  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None

**VSM-014 VARSITY BASKETBALL - MEN**  
Units: 1½  
This course is intercollegiate competition for Performance Oriented students who demonstrate a high degree of skill and interest. May be taken for a total of four times.  
Lecture Hours: 0  
Lab Hours: 90  
Repeatable: 3  
Grading: L  
Prerequisite: Successful tryout  
CAN: None  
Transfer Status: CSU/UC*  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None

**VSM-022 VARSITY CROSS COUNTRY - MEN**  
Units: 3  
This course is intercollegiate competition for Performance Oriented students who demonstrate a high degree of skill and interest. May be taken for a total of two times.  
Lecture Hours: 0  
Lab Hours: 180  
Repeatable: 1  
Grading: L  
Prerequisite: Successful tryout  
CAN: None  
Transfer Status: CSU/UC*  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None

**VSM-033 VARSITY FOOTBALL - MEN**  
Units: 3  
This course is intercollegiate competition for Performance Oriented students who demonstrate a high degree of skill and interest. May be taken for a total of two times.  
Lecture Hours: 0  
Lab Hours: 180  
Repeatable: 1  
Grading: L  
Prerequisite: Successful tryout  
CAN: None  
Transfer Status: CSU/UC*  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None

**VSM-040 VARSITY GOLF - MEN**  
Units: 3  
This course is intercollegiate competition for Performance Oriented students who demonstrate a high degree of skill and interest. May be taken for a total of two times.  
Lecture Hours: 0  
Lab Hours: 180  
Repeatable: 1  
Grading: L  
Prerequisite: Successful tryout  
CAN: None  
Transfer Status: CSU/UC*  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None

**VSM-053 VARSITY SOCCER - MEN**  
Units: 3  
This course is intercollegiate competition for Performance Oriented students who demonstrate a high degree of skill and interest. May be taken for a total of two times.  
Lecture Hours: 0  
Lab Hours: 180  
Repeatable: 1  
Grading: L  
Prerequisite: Successful tryout  
CAN: None  
Transfer Status: CSU/UC*  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None

**VARSITY SPORTS-WOMEN**

**VSW-015 VARSITY BASKETBALL - WOMEN**  
Units: 1½  
This course is intercollegiate competition for Performance Oriented students who demonstrate a high degree of skill and interest. May be taken for a total of four times.  
Lecture Hours: 0  
Lab Hours: 90  
Repeatable: 3  
Grading: L  
Prerequisite: Successful tryout  
CAN: None  
Transfer Status: CSU/UC*  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None

**VSW-023 VARSITY CROSS COUNTRY - WOMEN**  
Units: 3  
This course is intercollegiate competition for Performance Oriented students who demonstrate a high degree of skill and interest. May be taken for a total of two times.  
Lecture Hours: 0  
Lab Hours: 180  
Repeatable: 1  
Grading: L  
Prerequisite: Successful tryout  
CAN: None  
Transfer Status: CSU/UC*  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None

**VSW-041 VARSITY GOLF - WOMEN**  
Units: 3  
This course is intercollegiate competition for Performance Oriented students who demonstrate a high degree of skill and interest. May be taken for a total of two times.  
Lecture Hours: 0  
Lab Hours: 180  
Repeatable: 1  
Grading: L  
Prerequisite: Successful tryout  
CAN: None  
Transfer Status: CSU/UC*  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None

**VSW-054 VARSITY SOCCER - WOMEN**  
Units: 3  
This course is intercollegiate competition for Performance Oriented students who demonstrate a high degree of skill and interest. May be taken for a total of two times.  
Lecture Hours: 0  
Lab Hours: 180  
Repeatable: 1  
Grading: L  
Prerequisite: Successful tryout  
CAN: None  
Transfer Status: CSU/UC*  
Degree Applicable: AA/AS  
COD GE: None  
CSU GE: None  
IGETC: None
VSW-057  VARSITY SOFTBALL - WOMEN  Units: 3
This course is intercollegiate competition for Performance Oriented students who demonstrate a high degree of skill and interest. May be taken for a total of two times.
Lecture Hours: 0  Lab Hours: 180  Repeatable: 1  Grading: L
Prerequisite: Successful tryout
CAN: None
Transfer Status: CSU/UC*  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

VSW-065  VARSITY TENNIS - WOMEN  Units: 3
This course is intercollegiate competition for Performance Oriented students who demonstrate a high degree of skill and interest. May be taken for a total of two times.
Lecture Hours: 0  Lab Hours: 180  Repeatable: 1  Grading: L
Prerequisite: Successful tryout
CAN: None
Transfer Status: CSU/UC*  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

VSW-074  VARSITY VOLLEYBALL - WOMEN  Units: 3
This course is intercollegiate competition for Performance Oriented students who demonstrate a high degree of skill and interest. May be taken for a total of two times.
Lecture Hours: 0  Lab Hours: 180  Repeatable: 1  Grading: L
Prerequisite: Successful tryout
CAN: None
Transfer Status: CSU/UC*  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

VOCATIONAL NURSING

VN-001L  VOCATIONAL NURSING I LAB  Units: 4
This course provides an opportunity for the practice and application of skills needed to meet the geriatric clients’ basic needs and the maintenance of optimum wellness. Students care for clients with common alterations in function of the integumentary system. Learning experiences are provided in the on-campus lab and in the skilled nursing facilities. Emphasis is placed on introduction to the nursing process and client assessment.
Lecture Hours: 0  Lab Hours: 215  Repeatable: No  Grading: K
Prerequisite: HS-062, HEC-013 and acceptance to the program
Corequisite: VN-001 & HS-067, if HS-067 not previously completed
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

VN-001  VOCATIONAL NURSING I  Units: 5
This course introduces concepts related to the role of the vocational nurse, basic legal and ethical considerations, and communication and confidentiality. Using a nursing process format, the basic skills that maintain optimum wellness are presented. A foundation in normal growth and development and pharmacology are included with an emphasis on the special needs of the geriatric client. Students are introduced to alterations in the integumentary system.
Lecture Hours: 90  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: ENG-051, HEC-013, HS-062 and acceptance to the program
Corequisite: VN-001L & HS-067, if HS-067 not previously completed
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

VN-002L  VOCATIONAL NURSING II LAB  Units: 7
This course provides opportunity to care for clients with alterations in the function of the musculoskeletal, respiratory, cardiac, peripheral-vascular, endocrine, upper and lower gastrointestinal, urinary, reproductive, and sensory/neurological systems, including cerebral vascular alterations. Students also presented information related to the client with alterations in function related to surgery.
Lecture Hours: 162  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: HS-067, VN-001 and VN-001L
Corequisite: VN-002L & PSY-001, if PSY-001 not previously completed
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None
This course introduces students to team leading and the skills that licensed vocational nurses will need to be successful managers in selected health care settings. The theoretical content focuses on the health needs and identifiable responses of women, their partners, and families to real or potential health problems associated with childbearing and childrearing. In the second half of the semester, the developing fetus from conception to birth and acute alterations in the function of body systems for the pediatric client are covered.

Lecture Hours: 162  Lab Hours: 0  Repeatable: No  Grading: L
Prerequisite: PSY-001, VN-002 and VN-002L
Corequisite: VN-003L
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

This course is a continuation of skills that were acquired in VN-001 and 002. Students apply concepts of team leading and management skills to care for clients of all ages. Students meet the needs for the hospitalized child and clients experiencing labor, delivery, and postpartum.

Lecture Hours: 0  Lab Hours: 378  Repeatable: No  Grading: K
Prerequisite: PSY-001, VN-002 and VN-002L
Corequisite: VN-003
CAN: None
Transfer Status: None  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

This work experience course of supervised employment is designed to assist students to acquire desirable work habits, attitudes and skills so as to enable them to become productive employees. This course also provides students with career awareness for jobs. The course may serve as a preparatory program for later participation in occupational work experience. Credit may be accrued at the rate of one to three units per semester, for a maximum of six units. This type of work experience is available to students whose jobs are not related to their college major.

Lec Hours: 0  Lab Hours: 75-225  Repeatable: 1-5  Grading: L
Corequisite: Must be enrolled in 7 or more units of credit including work experience
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

This occupational work experience course of supervised employment is designed to assist students to acquire desirable work habits, attitudes and skills so as to enable them to become productive employees. This course also provides students with career awareness for jobs and may be required as an internship in a vocational program of study. Credit may be accrued at the rate of one to four units per semester for a maximum of sixteen units. This type of work experience is available to students who are either volunteers or employees in occupational fields related to their college major.

Lec Hours: 0  Lab Hours: 75-300  Repeatable: 3-15  Grading: L
Corequisite: Must be enrolled in 7 or more units of credit including work experience
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

This work experience course of supervised employment is designed to assist students to acquire desirable work habits, attitudes and skills so as to enable them to become productive employees. This course also provides students with career awareness for jobs. The course may serve as a preparatory program for later participation in occupational work experience. Credit may be accrued at the rate of one to three units per semester, for a maximum of six units. This type of work experience is available to students whose jobs are not related to their college major.

Lec Hours: 0  Lab Hours: 75-225  Repeatable: 1-5  Grading: L
Corequisite: Must be enrolled in 7 or more units of credit including work experience
CAN: None
Transfer Status: CSU  Degree Applicable: AA/AS
COD GE: None  CSU GE: None  IGETC: None

Now the Hilb Student Center, this building was the original student library at College of the Desert. In this historic photo, the building nears completion in the 1960s. A new library was constructed in 1996 to house the College and the City of Palm Desert operations, after which the original building became the hub of student activities. COD continues to grow in 2008, 50 years after it was founded.
THE FACULTY CODE OF PROFESSIONAL ETHICS

Guided by a profound belief in and respect for the inherent dignity and worth of each individual in the culturally diverse community we serve, the faculty at College of the Desert endeavor to:

♦ place as their highest priority excellence in teaching, continually striving to improve scholarly and professional competence, maintaining personal and academic integrity, and accepting the role of intellectual guide and facilitator;

♦ encourage the free pursuit of learning, honoring the confidential nature of the relationship between instructor and student, avoiding exploitation of students for private advantage, and holding before them high scholarly standards for their discipline and appreciation and respect for others;

♦ accept accountability for maintaining honest academic conduct, high standards of performance, and evaluation that reflects the true merit of students, courses, programs, and services;

♦ accept the obligations associated with membership in a community of scholars that includes practicing, fostering and defending intellectual honesty, freedom of inquiry and instruction, social responsibility, and respect for the opinion of others;

♦ acknowledge the rights and obligations associated with the role of citizen within the community ensuring that views expressed within that society are represented as those of a private citizen rather than those of a spokesperson for the College.
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Chapter 11 - Faculty and Administration

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J.D. 1984, University of San Diego

The Beginning: In 1958, all that stood on the future site of COD was the main house on the Odell Ranch, surrounded by date groves and vineyards. The owners sold the property to the new Coachella Valley Junior College in 1958, the year COD was founded. The building still stands: It houses the COD Foundation and the COD Alumni Association.
LaVONNE ABRUZZI (1987-1998)  
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Chapter 11 - Faculty and Administration

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Songleaders In 1967: Since it was founded in 1958, COD has enrolled tens of thousands of students and changed countless lives for the better. Back in 1967, the COD Songleaders were RaeVin Lucas, Scarlett Norris Adams, and Sam Moddejonge. The photo is from the collection of Scarlett Adams. College of the Desert is celebrating its 50th Anniversary in 2008.
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Campus Guide Alphabetical Index

A
AGRICULTURAL SCIENCE BLDG.
A&R (C) ADMISSIONS & RECORDS (A&R)
Faculty Resource Center (FRC)
Parking Services
Veteran's Services
ADMIN ADMINISTRATION BUILDING
Administrative Offices
Career & Transfer Center
Counseling Services
Disabled Student Programs & Services
ART ART BUILDING
ASC (E) ACADEMIC SKILLS CENTER
Assessment Testing
Language Lab
Writing Lab
E-7 Math Classroom
AT APPLIED TECHNOLOGY BUILDING
Applied Science/Business Division Office
Vocational Education
B BUSINESS BUILDING
Under renovation 2008
BOOK BOOKSTORE BUILDING
Bookstore
Financial Aid Office
Physical Ed/Athletics Division Office
C AN CENTRAL MODULAR ANNEX
Training & Development/ABE
Mail Room
C.AN-16 Security
C.AN-18 Trio Programs
C.AN-14 Work Experience Office
CAFE DINING HALL - COD CAFE
(Temporarily located in Courtyard)
C DC CHILD DEVELOPMENT CENTER
CMH CAROL MEIER LECTURE HALL
CMH PT The POLLOCK Theatre
DM DIESEL MECHANICS BUILDING
(Rooms DM 21-25 upstairs)
F AN EAST MODULAR ANNEX
FDN COD Foundation Office
COD Alumni Association
Street Fair Management
GOLF INST COLLEGE GOLF CENTER
GYM WRIGHT GYMNASIUM
GYM STG Gym Stage
GYM WR Gym Weight Room
HILB HILB Student Center
College Nurse
International Education Office
Student Government/Student Clubs
Student Lounge
HSCM Hilb Student Center Mezzanine
ESLN-English/Second Language (noncredit)
Adult Basic Education Classrooms
HR Human Resources
Business Administrative Services
LA LIBERAL ARTS BUILDING
Communication Division Office
LIBRARY LIBRARY
COD, City of Palm Desert, and
Riverside County Libraries
M MAINTENANCE BUILDING
Music Keyboard/Computer Music Classrooms
MARKS Walter N. Marks Center for the Arts
MATH MATH BUILDING
Math and Science Division Office
Math/Science Lab (MATH 4)
McCALLUM McCALLUM THEATRE
MSTC MIND SHACK/TUTORING CENTER
N NURSING BUILDING
Health Sciences/ECE Division Office
NAN NORTH MODULAR ANNEX
PE PHYSICAL EDUCATION BUILDING
Lockers & Showers
S SCIENCE BUILDING
S.AN SOUTH MODULAR ANNEX
S.AN-9 S.AN-5 MESA Office
DSPS Hi-Tech Center
SOC SOCIAL SCIENCES BUILDING
Social Sciences & Arts Division Office
STAD STADIUM & OFFICES
T THEATRE BUILDING (Theatre Too)
W.AN WEST MODULAR ANNEX

OFF-CAMPUS ABBREVIATIONS:
CVHS Coachella Valley High School
CVRM Country Villas Rancho Mirage HCC
DHS HS Desert Hot Springs High School
DRMC Desert Regional Medical Ctr., Palm Springs
EMC Eisenhower Medical Ctr., Rancho Mirage
EPICS Eagles Peak Charter School, Indio
EVC Eastern Valley Center
INTERNET ONLINE CLASS
JFK John F. Kennedy Hospital, Indio
OASI Oasis Hospital
PSHS Palm Springs High School
SHGC Shadow Hills Golf Course, Indio

Campus Guide (previous page) is subject to change due to on-going construction projects. The Guide was accurate at our press deadline. Please call the Construction Information Hotline at (760) 773-2583 or check online at www.collegeofthedesert.edu/map for information.
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Courses and programs offered, together with other matters contained herein, are subject to change without notice by the Administration of the Desert Community College District or College of the Desert and, in addition, some courses or programs that are offered may have to be cancelled because of insufficient enrollment or because of elimination or reduction in programs or because of any other reason considered sufficient by the College President or designee.

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