Accredited by the Western Association of Schools and Colleges, and recognized as a fully accredited two-year Community College by the University of California, the California State University, the California Community Colleges, the United States Office of Education, the Veterans Administration, and the American Association of Collegiate Registrars and Admissions Officers.

Yuba College
2088 North Beale Road
Marysville, California 95901
(530) 741-6700
yc.yccd.edu

Sutter County Center
3301 E. Onstott Road
Yuba City, California 95993
(530) 751-5600

Beale AFB Outreach Services
Base Education Building
17849 16th Street
Beale AFB, California 95903
(530) 788-0973

This catalog is in effect from August 2018 - July 2019.

Information about course offerings, fees, refunds, and college policies published in this Catalog, is subject to change without prior notice. Any updates to courses and programs can be found in the Catalog Addendum. Any updates to policy, enrollment, or fee information can be found in the online Semester Class Schedule prior to registration each term (Fall 2018 and Spring 2019).
2018-19 Catalog
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Photos contributed by: Jerahli Tannor
### District Calendar

#### Summer 2018

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 11</td>
<td>Summer Session 2018 commences for regular six-week summer classes; other classes have different dates</td>
</tr>
<tr>
<td>June 13</td>
<td>Last day to add a class/register for six-week classes</td>
</tr>
<tr>
<td>June 18</td>
<td>Refund deadline for six-week classes</td>
</tr>
<tr>
<td>June 18</td>
<td>Last day to drop class(es) to prevent “W” grade(s) on permanent record for six-week classes</td>
</tr>
<tr>
<td>June 18</td>
<td>Census date for six-week classes</td>
</tr>
<tr>
<td>July 3</td>
<td>Deadline to apply for summer 2018 graduation</td>
</tr>
<tr>
<td>July 4</td>
<td>Academic and administrative holiday – Independence Day (Wednesday)</td>
</tr>
<tr>
<td>July 5</td>
<td>Last day to drop a class with a “W” for six-week classes</td>
</tr>
<tr>
<td>July 19</td>
<td>Regular six-week classes end</td>
</tr>
</tbody>
</table>

#### Fall 2018

**Fall Semester 2018 - 84 days of regular instruction**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 8</td>
<td>Convocation – Campus Closed</td>
</tr>
<tr>
<td>August 9-10</td>
<td>Professional Development Days (optional flex activities) – No Classes</td>
</tr>
<tr>
<td>August 13</td>
<td>Instruction Begins for Fall Semester</td>
</tr>
<tr>
<td>August 17</td>
<td>Last day to add courses or register without special permission</td>
</tr>
<tr>
<td>August 24</td>
<td>Last day to be eligible for refund of enrollment, parking, student services fees, and non-resident tuition</td>
</tr>
<tr>
<td>August 31</td>
<td>Instructors are to drop No Shows for Census Roster Clearance</td>
</tr>
<tr>
<td>August 31</td>
<td>Last day to drop class(es) to prevent “W” grade(s) on permanent record</td>
</tr>
<tr>
<td>September 2</td>
<td>Cal Grant deadline</td>
</tr>
<tr>
<td>September 3</td>
<td>Academic and administrative holiday – Labor Day (Monday)</td>
</tr>
<tr>
<td>September 4</td>
<td>Professional Development Day (optional flex activities) – No Classes (Tuesday)</td>
</tr>
<tr>
<td>September 5</td>
<td>Census date for full-term classes (Wednesday)</td>
</tr>
<tr>
<td>September 14</td>
<td>Last day to elect Pass/No Pass grading option</td>
</tr>
<tr>
<td>September 17</td>
<td>Constitution Day (observance) – activities to be announced</td>
</tr>
<tr>
<td>October 24</td>
<td>Professional Development Day (optional flex activities) – No Classes (Wednesday)</td>
</tr>
<tr>
<td>November 9</td>
<td>Last day to drop class(es) with a “W” grade on permanent record</td>
</tr>
<tr>
<td>November 12</td>
<td>Academic and administrative holiday – Veterans Day observed (Monday)</td>
</tr>
<tr>
<td>November 15</td>
<td>Deadline to apply for fall 2017 graduation</td>
</tr>
<tr>
<td>November 22-23</td>
<td>Academic and administrative holiday – Thanksgiving (Thursday – Friday)</td>
</tr>
<tr>
<td>December 1</td>
<td>Closing date for International Student Applications for spring 2018</td>
</tr>
<tr>
<td>December 3-14</td>
<td>Limited extracurricular student activities</td>
</tr>
<tr>
<td>December 10-14</td>
<td>Final examination period</td>
</tr>
<tr>
<td>December 14</td>
<td>Conclusion of fall semester</td>
</tr>
<tr>
<td>December 19</td>
<td>Grades from instructors are due for fall 2018 semester</td>
</tr>
<tr>
<td>December 24 – Jan 1</td>
<td>Winter recess – all offices closed</td>
</tr>
</tbody>
</table>

**Dates apply to full-semester classes; short-term class dates will vary.**

### Spring 2019

#### Spring Semester 2018 - 83 days of regular instruction

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 8-11, 2019</td>
<td>Professional Development Days (optional flex activities) – NO CLASSES</td>
</tr>
<tr>
<td>January 14</td>
<td>INSTRUCTION BEGINS FOR SPRING SEMESTER</td>
</tr>
<tr>
<td>January 18</td>
<td>**Last day to add courses or register without special permission</td>
</tr>
<tr>
<td>January 21</td>
<td>Academic and administrative holiday – Martin Luther King Day observance (Monday)</td>
</tr>
<tr>
<td>January 25</td>
<td>**Last day to be eligible for refund of enrollment, parking, student services fees, and non-resident tuition</td>
</tr>
<tr>
<td>January 25</td>
<td>Instructors are to drop No Shows for Census Roster Clearance</td>
</tr>
<tr>
<td>January 25</td>
<td>**Last day to drop class(es) without a “W” grade on permanent record</td>
</tr>
<tr>
<td>January 28</td>
<td>Census date for full-term classes</td>
</tr>
<tr>
<td>February 14</td>
<td>Last day to elect Pass/No Pass grading option</td>
</tr>
<tr>
<td>February 15</td>
<td>Academic and administrative holiday – Lincoln’s Birthday observance (Friday)</td>
</tr>
<tr>
<td>February 18</td>
<td>Academic and administrative holiday – Washington’s Birthday observance (Monday)</td>
</tr>
<tr>
<td>March 2</td>
<td>Cal Grant deadline – Free Application for Federal Student Aid (FAFSA) completed and submitted to the federal government to determine Cal Grant eligibility and federal aid priority funding</td>
</tr>
<tr>
<td>April 1-5</td>
<td>Spring recess; academic holidays (Monday-Friday)</td>
</tr>
<tr>
<td>April 1</td>
<td>Administrative holiday (Monday)</td>
</tr>
<tr>
<td>April 4-5</td>
<td>Administrative holidays (Thursday-Friday)</td>
</tr>
<tr>
<td>April 15</td>
<td>Deadline to apply for spring 2019 graduation</td>
</tr>
<tr>
<td>April 19</td>
<td>**Last day to drop class(es) with a “W” grade on permanent record</td>
</tr>
<tr>
<td>May 6-20</td>
<td>Limited student activities</td>
</tr>
<tr>
<td>May 14-20</td>
<td>Final examination period</td>
</tr>
<tr>
<td>May 15</td>
<td>Closing date for International Student Applications for fall 2019</td>
</tr>
<tr>
<td>May 17</td>
<td>Commencement ceremonies</td>
</tr>
<tr>
<td>May 20</td>
<td>Conclusion of spring semester</td>
</tr>
<tr>
<td>May 23</td>
<td>Grades from instructors are due for spring 2019 semester</td>
</tr>
<tr>
<td>May 27</td>
<td>Academic and administrative holiday – Memorial Day observance (Monday)</td>
</tr>
</tbody>
</table>

**Dates apply to full-semester classes; short-term class dates will vary.**

#### Summer 2019

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 10</td>
<td>Summer Session 2019 commences (regular 6-week summer classes will end on July 15; other classes have different dates)</td>
</tr>
<tr>
<td>July 1</td>
<td>Deadline to apply for summer 2019 graduation</td>
</tr>
<tr>
<td>July 4</td>
<td>Academic and administrative holiday – Independence Day observed (Thursday)</td>
</tr>
</tbody>
</table>

**Dates apply to full-semester classes; short-term class dates will vary.**
Welcome to Yuba College!

Yuba College is located among the rice fields and fruit orchards of northern California in the city of Marysville, and in close proximity to Beale AFB. A short thirty miles north of Sacramento, Yuba College provides many transfer degree and career technical education programs.

The cities of Yuba City and Marysville present a multi-cultural environment where residents from such diverse ethnicity as Latinos, Hmong, and Punjabi provide a rich mix of cultural and social events for our community. Thousands of visitors annually attend the Festival of Colors, the Bok Kai Festival and the Sikh Festival and parade.

Outdoor activities are minutes away. Mount Shasta and Lake Tahoe offer great skiing opportunities in the winter and are sources of many rivers and streams that support summer outdoor activities. Lakes provide opportunities for boating and water skiing, while our streams are stocked with trout, salmon, and bass.

And, if you enjoy participating in sports, Yuba College students represent twelve sports competing in the Bay Valley Conference. Yuba College Forty-Niners are among the most competitive student athletes and have competed for many conference and statewide championships. Many of our student athletes are recruited by Division I universities and many have played for national and international professional teams.

I encourage you to take time to review this catalog as it contains information on curriculum offerings, course descriptions, student support services, and serves as your reference during your journey at Yuba College. Yuba College offers an array of programs of study that transfer to universities, earn associate degrees, and completion of career and technical certificates. Classes are taught by highly qualified faculty committed to providing opportunities that will help you succeed and grow academically.

We Believe in Your Future.

GH Javaheripour
President
2018-2019
District Organization

Governing Board
Michael Pascual, Board President ......................................................... Trustee Area 4
V. Richard Savarese, Vice President .................................................... Trustee Area 7
Richard Teagarden, Clerk of the Board ................................................ Trustee Area 1
Brent Hasty ......................................................................................... Trustee Area 2
Gary Sandy .......................................................................................... Trustee Area 5
Xavier Tafoya ........................................................................................ Trustee Area 6
David Wheeler ..................................................................................... Trustee Area 3
Michaela Christensen ............................................................................... Yuba College Student Trustee
Victoria Young ..................................................................................... Woodland Community College Student Trustee

District Offices
Chancellor .......................................................................................... Dr. Douglas Houston
Vice Chancellor, Educational Planning and Services .................................. Mazzie Brewington
Vice Chancellor, Administrative Services ................................................ Dr. Sandra Mayo
Chief, Human Resources Officer ................................................................ Don Grady
Chief, Information Technology Officer ....................................................... Devin Crosby

Yuba College
President .......................................................................................... Dr. GH Javaheripour
Vice President, Academic and Student Services ........................................ Dr. Sonja Lolland

Divisions:
Applied Academics .................................................................................. Dr. Daren Otten, Dean

Programs/Departments
Administration of Justice Drafting ......................................................... Plant Science
Agriculture Emergency Medical Technician ................................................ Psychiatric Technology
Athletics Fire Technology ................................................................. Radiologic Technology
Automotive Technology Health Education ........................................... Veterinary Technology
Business Human Services ................................................................. Welding
Cooperative Work Experience Kinesiology ........................................... Hospitality and Tourism
Cosmetology Manufacturing Technology ............................................. Massage Therapy
Culinary Arts Nursing ............................................................................. Veterinary Technology

Director, Public Safety ........................................................................... Dr. Pete Villarreal
Administration of Justice EMRS, Fire Technology ................................... Clark Smith
Director, Nursing and Allied Health .......................................................... Sandy Fowler
Director, Career Technical Education ...................................................... Erick Burns

Arts and Education .................................................................................. Dr. Carla Tweed, Dean

Programs/Departments
Art French ........................................................................................... Sign Language
College Success Center Library and Learning Resources ......................... Spanish
Early Childhood Education Mass Communications ..................................... Speech
Education Music ..................................................................................... Theatre Arts
English Punjabi

District Organization

Director, Child Development Programs .................................................. Karen Stanis
Child Development Center, Foster Care and Independent Living

STEM and Outreach Campuses ............................................................... Dr. Michael Bagley, Dean

Programs/Departments

<table>
<thead>
<tr>
<th>Programs/Departments</th>
<th>Biology</th>
<th>History</th>
<th>Political Science</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Chemistry</td>
<td>Humanities</td>
<td>Psychology</td>
</tr>
<tr>
<td></td>
<td>Computer Science</td>
<td>Mathematics</td>
<td>Sociology</td>
</tr>
<tr>
<td></td>
<td>Engineering</td>
<td>Philosophy</td>
<td>Statistics</td>
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<tr>
<td></td>
<td>Geography</td>
<td>Physics</td>
<td></td>
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<tr>
<td></td>
<td>Geology</td>
<td>Physical Science</td>
<td></td>
</tr>
</tbody>
</table>

Director, Campus Operations ............................................................. Roy Martin
Sutter County Center and Beale AFB Outreach Services

Student Services .................................................................................. Dr. Delmy Spencer, Dean

Programs/Departments

<table>
<thead>
<tr>
<th>Programs/Departments</th>
<th>Counseling</th>
<th>Student Success and Support</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Assessment and Testing</td>
<td>Program</td>
</tr>
<tr>
<td></td>
<td>CARE</td>
<td>EOPS</td>
</tr>
<tr>
<td></td>
<td>CARE/CARE/CARE</td>
<td>Puente</td>
</tr>
<tr>
<td></td>
<td>Career Center</td>
<td>Student Health Center</td>
</tr>
<tr>
<td></td>
<td>Veterans Services</td>
<td></td>
</tr>
</tbody>
</table>

Director, Counseling ........................................................................... Amandeep Kandola
Counseling, ESL Services, Peer Center, Petitions and Grievances, Umoja / Puente

Director, Financial Aid ......................................................................... Martin Gutierrez

Financial Aid, Awards and Scholarships

Director, EOPS/CARE/CARE/CARE ...................................................... Kris Sanchez
Director, TRIO ..................................................................................... Kao Lee Vang
Upward Bound

Student Success and Institutional Effectiveness ..................................... Jeremy Brown, Dean
Bili, Student Equity, Research and Planning

Director, Academic Excellence ............................................................ Kristina Vannucci
MESA

2018-2019 Catalog
Yuba Community College District

The Yuba Community College District was founded in 1927, on a 160-acre site outside of Marysville. In December, 1947, the College District was reorganized to include Colusa, Sutter, and Yuba counties and in 1974-75 to include large portions of Glenn, Lake, and Yolo counties. The District now stretches across the broad central valley of California from high in the foothills of the Sierra Nevada to the Coast Range and covers 4,152 square miles. The district has two colleges, Yuba College and Woodland Community College.

Yuba College

Yuba College, in its 91st year of community service, founded in 1927, is located on a campus outside of Marysville on a 160-acre site. Yuba College opened on this site in September, 1962. For 91 years, Yuba College has been providing quality education and has earned a reputation as an educational leader in Northern California. Yuba College offers technical and occupational classes to help gain or improve job skills. The California State University (CSU) system reports that students who transfer from California Community Colleges, such as Yuba, consistently earn better grades than students who go directly to a CSU from high school. Yuba College offers classes that transfer to CSU, the University of California (UC) and many private universities. An experienced and well-trained faculty offer instruction in over 90 departments totaling more than 1,000 courses.

Sutter County Center

The Sutter County Center, located in north Yuba City at 3301 E. Onslow Road, prepares students for transfer to baccalaureate-granting institutions, for entry into the job market, or for further career development. The Sutter County Center’s primary course offerings are transfer and general education courses; however, vocational education courses and other non-credit courses are also offered. The state-of-the-art two-story facility holds 18 classrooms, a library, full registration service, counseling and financial aid services, dining services, and a computer lab.

Woodland Community College

Woodland Community College has provided educational opportunities for Woodland, Esparto, Knights Landing, and Colusa County since 1975. Accredited in 2008, WCC is located at 2300 East Gibson Road in Woodland.

With growth all around the college, in both Yolo and Colusa counties, WCC opened its new Learning Resource Center in May of 2007. The 72,000 sq. ft. building doubled the blueprint of WCC, adding 25 new lecture classrooms, an expanded library, TRAC, math and writing labs, and an expanded community room. Other facilities include a campus bookstore, science building, child care center, tutoring facilities and other laboratories on campus. As part of the Measure J facilities project, the college renovated the old library building into a one-stop student services building; the administration building was also renovated to include offices for the President and Vice President, Academic Senate, a re-constructed Student Enrichment Center and a Student Center.

Lake County Campus

Courses have been offered in this region since the fall semester of 1972. The Campus is located off Highway 53 in the City of Clearlake. In 2012 the campus added 26,650 sq. ft. to the existing facilities. The expansion added a new student services center that includes a new library, three computer labs, and a vast array of important student services. The new facilities also include a “state-of-the-art kitchen” and dining room for the Culinary Arts Program and new education and training facilities.

At the Woodland Community College Lake County Campus, students can complete two-year degree or certificate programs and transfer work or satisfy their General Education requirements as well as major preparation courses for many degrees. In addition to transfer course work, the Campus offers technical education programs in Accounting, Automotive repair, Business Administration, Chemical Dependency Counseling, Culinary Arts, Early Childhood Education, Income Tax Preparation, Drinking Water/Waste Water and Welding and are also offered. The Campus also offers a wide range of student services and remedial courses and a Child Development Center.

Colusa County Outreach Facility

The Woodland Community College Colusa County Outreach Facility is located at 99 Ella Street in Williams, Colusa County. Students can take classes at the 9,000 square foot facility which has 4 divisible classrooms. Student services are available to assist students with admission, registration, assessment, financial aid and counseling. The facility also hosts an SSS/TRIO pro gram offered to support English as a Second Language students.

Accreditation, College Goals, Mission and Philosophy

This catalog provides important information to help students plan for college. It includes course information, resources, and services available; academic program descriptions; degree requirements; and information about College policies and procedures. Each student must assume complete responsibility for compliance with the instructions and regulations set forth herein. However, the information in this catalog is not to be regarded as an irrevocable contract between the student and the College. The College reserves the right to change any provision or requirement at any time. The College assumes no responsibility for misinterpretation by a student of policies and procedures as presented in this catalog. Counselors and administrators are available to advise and assist students in meeting necessary requirements.

Students should use the catalog to be a successful college student. For example, knowing what a course is about and how it fits into the goals or program is one of the requirements for proper course selection. Course descriptions are available in the section entitled, “Programs and Courses.” If the goal is to complete an associate degree, it is important to become familiar with the General Education Degree Requirements described in “Graduation Requirements.” If the goal is to complete a degree or to select courses prior to transferring to a four-year college or university, then the information on “Transfer” is very helpful. Counselors are also available for assistance.

Use the catalog to learn where and how to get things done. It has information for locating resources and becoming familiar with College policies and procedures. Information is available about resources such as Admissions, Counseling, Disabled Student Program and Services, EOPS, Financial Aid, College Success Center, Library, W.I.O.A, CARE, and Veterans Services. There is also information about adding a class, applying for graduation, or getting a transcript.

Supplementary Course Accreditation

Yuba College Regional Fire Academy is accredited by the California State Fire Marshal and the State Board of Fire Service. The student will also meet the requirements to proceed with the required State and National firefighting testing. Upon successful completion of the testing, the graduate (class of) will receive California State, IFAC-International Fire Service Accreditation Congress and Pro Board- National Board of Fire Service Professionals certifications. The student will also be eligible to participate in either full time, internship or volunteer work experience programs required by the State Fire Marshal for their Firefighter I certification. In addition, the student will also meet the requirements to proceed with the required National Registry Emergency Medical Technician exam which will qualify the graduate (who passes) as a National Certified Emergency Medical Technician and California State certified EMT. Nursing - California Board of Registered Nursing Psychiatric Technician - California Board of Licensed Vocational Nursing and Psychiatric Technician. Chemical Dependency Counselor - CCAPP ( Consortium of Addiction Programs and Professionals) Police Academy - POST (Peace Officers Standards and Training) 

832 PC - POST & STC Peace Officers Standards and Training and Standards and Training in Corrections PDCCH, COCC & JCCC - STC. (Standards and Training in Corrections)
Academic Freedom
Reference: Title 5, Section 51022; Accreditation Standard IIA.7

Academic employees must be free to teach and the students free to learn. Both must have access to the full range of ideas, materials and options. It is the responsibility of academic employees to encourage students to study, varying points of view and to respect the students’ right to hold, form, and express judgements, opinions, and beliefs, clearly identifying them as such.

The responsibility of protecting academic freedom rests with the Board of Trustees, administration, educational supervisors, and academic employees. Academic employees have a primary responsibility to develop the curriculum and select instructional materials and methods of presentation appropriate to meet the goals of that curriculum. Academic employees, educational supervisors, and administrators may recommend policies for Board consideration when there are criticisms of staff, methods, or materials. Academic employees, educational supervisors and administrators must develop strategies to implement those Board-adopted policies related to academic freedom.

When academic employees are performing their assigned responsibilities, they shall be free to express personal opinions and pursue scholarly, literary, and artistic endeavors.

Advantages of Yuba College

The faculty are experienced instructors, skilled in discovering and developing the interests and capabilities of their students. The ability to communicate with faculty members minimizes the danger that a student may become confused and lost in the hurry and bustle of college life and minimizes the danger that a student may become lost among the multitude of students. The ability to communicate with faculty members minimizes the danger that a student may become confused and lost in the hurry and bustle of college life and minimizes the danger that a student may become lost among the multitude of students.

The years of college education offered by Yuba College are an important budgetary item, especially since there is an increasing tendency for professional preparation to require more than four years of college study. Yuba College enables increasing tendency for professional preparation to require more than four years of college study. Yuba College enables increasing tendency for professional preparation to require more than four years of college study.

The lack of English language skills and disability will not be a barrier to admission and participation in the college’s education programs.

The College recognizes its obligation to provide overall program accessibility throughout the College for persons with disabilities. This includes, but is not limited to, the establishment and maintenance of three levels of service for persons with disabilities: (1) auxiliary aids and services, (2) reasonable modification of policies, practices, or procedures, and (3) individualized education programs.

Inquiries regarding the equal opportunity policies, the filing of complaints, or to request a copy of the complaint procedures covering discrimination complaints may be directed to: Human Resources, Title IX Coordinator: (530) 741-6976 located at Yuba Community College District, 425 Plumas Blvd, Suite 200, Yuba City, CA 95993.

Institutional Student Learning Outcomes

Student Learning Outcomes (SLO’s) are the intended knowledge, skills, or abilities a student should gain or develop as the result of attending class, participating in a program, or earning a degree or certificate from Yuba College. SLO’s differ from traditional measures of student success—letter grades—in that they measure specific skills within a course—and separate them from other factors that affect student success.

1. Communication: effectively use language and non-verbal communication consistent with and appropriate for the audience and purpose.

2. Computation: use appropriate mathematical concepts and methods to understand, analyze, and communicate issues in quantitative terms.

3. Critical Thinking: analyze data/information in addressing and evaluating problems and issues in making decisions.

4. Global Awareness: articulate similarities and differences among cultures, times, and environments, demonstrating an understanding of cultural pluralism and knowledge of global issues.

5. Information Competency: conduct, present, and use research necessary to achieve educational, professional, and personal objectives.

6. Personal and Social Responsibility: interact with others by demonstrating respect for opinions, feelings and values.

7. Technological Awareness: select and use appropriate tools for personal, academic and career tasks.

8. Scientific Awareness: understand the purpose of scientific inquiry and the implications and application of basic scientific principles.
Aerospace Studies (Air Force ROTC)

Air Force Reserve Officer Training Corps is available to Yuba College students through a cross-enrollment agreement with California State University, Sacramento (CSUS). The CSUS Department of Aerospace Studies offers two-, three-, and four-year programs leading to a commission in the United States Air Force. Students can complete general education requirements at Yuba College and then transfer to CSUS to complete their degrees.

Due to firm scheduling requirements for the Air Force ROTC program, students are encouraged to work closely with their academic counselors in planning this academic program. Application to the Air Force ROTC program should normally be no later than the first semester of a student’s sophomore year. Juniors and senior students may apply under certain conditions. Contact the unit admissions officer in the CSUS Aerospace Studies Department at (916) 278-7315 for information on the program or the entry process.

Assessment Center

The Yuba College Assessment and Testing Center is located at Yuba College in the 100B building. The College also offers placement examinations at Beale AFB Outreach Services and Sutter County Center. Call a testing center for its testing schedule and hours of operation at one of the following locations: YC Assessment and Testing Center (Yuba College) - (530) 741-6864; Beale AFB Outreach Services - (530) 788-0973; Sutter County Center - (530) 751-5600.

Individuals with disabilities or special testing needs should discuss options or accommodations with a Yuba College counselor and/or Disabled Student Program and Services staff or call a test center to arrange accommodations.

The Yuba College Assessment and Testing Center is a member of the National College Testing Association (NCTA) Consortium of Test Centers and offers distance testing for various colleges and universities from around the country.

For your privacy and safeguarding of student records, photo identification is required for all testing transactions.

California Work Opportunity and Responsibility to Kids (CalWORKs)

The Yuba College CalWORKs Program, located in Building 100B, is a state funded welfare to work program. Yuba College is a partner with local county offices. This partnership enables participants to attend community college in order to prepare for employment. The CalWORKs program offers services for eligible students in the following areas: academic, vocational and personal counseling; job placement (related to the student’s major); CalWORKs Work-Study, access to the CalWORKs lending library, educational supplies and child care. For more information or to schedule an in-person or distance appointment, call the Yuba College CalWORKs Office at (530) 634-7773 or email calworks@ycccd.edu.

Programs and Services

Bookstore

Yuba College Bookstore is located in Building 300. The Bookstore is a one-stop shop, supporting community needs in and out of the classroom. When it comes to textbooks, the bookstore offers a variety of affordable options including used, rental and digital books as well as a price match promise to guarantee students get their materials at the lowest cost possible. The bookstore also makes shopping hassle-free with its Shop by Author Textbook program. Simply log in to Follett Discover and pull up a personalized course materials shopping list, alphabetized by author. Students can print and email the list or just use the kiosk in the bookstore. The bookstore also carries every day essentials like clothing, gifts, supplies, general reference and bargain books, as well as snack food and drinks. For more information on payment options, returns, shipping, store hours and more, visit www.yubashop.com or call (530) 741-6998.

Buy Backs: The bookstore buys back textbooks for cash every day, regardless of where the text was purchased. The textbook can be new, used, hardback, or paperback (excluding workbooks). Prices fluctuate according to demand.

Career

The Yuba College Career Center, located in Building 100B, provides a process to lead students through various assessments giving them the necessary tools to make career and life planning decisions. Services and tools available to students to achieve this goal include: career and vocational assessment and testing, occupational computer-assisted career information, and a library of occupational books and reference materials.

For more information, contact the Yuba College Counseling Department at (530) 634-7766.

Career Technical Education Transitions (CTE)

The Yuba College Career Technical Education Transitions Program, located in Room 16 in Building 100A, contributes to the awarding of college credit to high school students who meet approved articulation requirements. An articulated course is one in which the high school instructor/Regional Occupational Program (ROP) and Yuba College faculty have formally agreed that the high school’s ROP’s course outline, syllabus, textbook, and final exam are comparable to those in a course of the same major within Yuba College. Students receive credit on a Yuba College transcript once articulation requirements have been completed. The CTE (Career Technical Education) Transitions Program prepares students to earn a certificate, an associate’s degree or transfer to a university.

For more information about the CTE Transitions program, contact the Yuba College CTE Transitions Office at (530) 741-6588. cetransitions@ycccd.edu, visit the Admissions and Records Office at any campus, or see a counselor. Also visit the CTE Transitions website at http://www.yccd.edu/educational-services/cte/default.aspx.

Child Development Center

The Child Development Center is located in Building 1600 at Yuba College. The program provides children with many opportunities to grow and learn. The environment is designed to enhance a child’s age appropriate learning through natural science, creative and language art experiences, physical activities and number concepts. The Child Development program is state funded and follows California Department of Education guidelines, Foundations and Frameworks curriculum. Eligibility to enroll can be met by private pay or income eligibility and by meeting one of the following need criteria:

Career

• Students with a need for childcare (There is no need requirement when attending only preschool hours.)

• Searching for work

• Working

• Incapacitated

• Searching for housing

Yuba College serves toddlers (18 months-36 months) and preschoolers (3-5 years) in a full day, part day or state preschool program (9 a.m.-12 p.m. or 2:30 p.m.-5:30 p.m.). The Child Development Center hours of operation are: Monday-Friday 7:30 am-5:30 pm. For more information contact the Yuba College Child Development Center at (530) 749-3808.

College Success Center

The College Success Center (Room 1103) in the Library Learning Center (Building 1100) on the Yuba College campus provides academic advising and career services across most disciplines to all currently enrolled Yuba College students at no cost and cultivates a positive, supportive learning environment that, if fully utilized, significantly enhances students’ abilities to pass their classes.

Academic Learning and Support Services

• scheduled collaborative learning sessions

• facilitated collaborative learning groups

• drop-in mathematics assistance (all day)

• scheduled individualized tutoring

• test and examination reviews

• Supplemental Instruction®-based Content Tutoring

• quiet study areas for groups and individuals

• access to wireless internet, computers and academic software

• test preparation materials

• assistance with research projects

• assistance with multimedia presentations

The two major components of the College Success Center are the Math Tutoring Program and the Content Tutoring Program.

Math Tutoring Program: Academic support is commonly available for the following courses:

• Accounting 1, 2L, 10A

• Business Computer Applications 15

• Chemistry 1A, 1B, 2A, 2B, 10, 18A, 18B

• Computer Technology 12B, 11

• General Business 18A, 56

• Learning Assistance 174

• Mathematics 1A, 1B, 1C, 2, 3, 9, 10, 15, 20, 21, 25, 51, 52, 52A, 52B, 55, 58, 101, 101A, 101B, 111

• Physics 2A, 2B, 4A, 4B, 4C

• Statistics 1

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Content Tutoring Program: Academic support is commonly available for the following courses:
- Biology 1, 3, 4, 5, 6, 10L, 15
- Economics 1A, 1B
- French 1
- Geography 1
- Geology 10L, 12, 20
- History 17A, 17B
- Humanities 10, 11
- Music 1A, 1B, 1C, 1D, 2A, 2B, 2C, 2D, 17, 41A, 41B, 42A, 42B
- Nursing 36
- Philosophy 12, 20
- Physical Science 10A
- Political Science 1, 7
- Psychology 1A, 12, 41
- Sign Language 1, 2
- Sociology 1
- Spanish 1, 2, 3, 4, 20A

Online Tutoring: Online tutoring is available for distance education courses.

Tutoring Staff: The tutoring staff is efficient, well-trained, friendly, helpful, and knowledgeable. Tutors must possess the following qualifications and characteristics to be employed:
1) have an overall 3.00 grade point average or higher,
2) pass the course they wish to tutor with an A,
3) be approved by the faculty,
4) complete an intensive tutor training program, and
5) be committed to assisting students learn.

Hours of Operation:
Fall and Spring Semesters:
8:00 a.m. to 7:00 p.m. Monday through Thursday
8:00 a.m. to 5:00 p.m. Friday
Summer Session:
8:00 a.m. to 5:00 p.m., Monday through Thursday

Contact Information:
General Information (front desk): (530) 741-6759
Ouy Bui, Instructional Associate: (530) 741-8752 or qbui@yccd.edu
Tony Jow, Instructional Associate: (530) 741-8751 or tjow@yccd.edu
Dr. Travis R. Smith, Coordinator: (530) 741-6787 or tsmith@yccd.edu

Cooperative Work Experience Education

Cooperative Work Experience Education (CWEE) are courses designed to recognize learning that occurs on-the-job. In order to qualify, a student must have a volunteer or paid position and develop specific learning objectives approved by the employer and Yuba College. Call Yuba College at (530) 741-6763 for more information.

Community Education

Community Education, located in Building 100B, is a program of not-for-credit fee-based classes and activities designed to serve individuals with educational goals that do not require college credit. Its goal is to fulfill a role which enables the community to improve the quality of their lives through continuing education. There are no transcripts, grades, or academic requirements. Many classes are offered in response to an expressed interest or need by a specific population or organization. Obtain a Community Education schedule of course offerings by calling the Community Education Office at (530) 741-6825.

Contracted Training

Contract Education and Training can offer custom solutions and targeted training for business prosperity through employee development. Yuba Community College District can deliver on or off-site training solutions for any company. The program offers customized workshops, seminars, and classes (college credit or not-for-credit) to increase employee skill level.

Benefits to local companies:
- Targeted, cost-effective, cutting-edge, return on investment training
- Coaches, instructors, and facilitators with practical, current real world skills
- Training focused on measurable outcomes
- Investment in training enhances human capital (employees)
- Customizable training schedules to meet the employer and employee needs

Call (530) 741-6763 for a complimentary assessment.

Counseling

Community colleges are distinguished by the personal attention given to students and the quality of guidance and counseling services provided. Counseling is an essential part of Yuba College, designed to complement and facilitate instruction and to aid students in academic, career, and personal planning. Individual and group counseling is provided. Students are strongly encouraged to meet with a counselor at least once each semester. Counselors are available at Yuba College, Sutter County Center, Beale AFB and within specialized programs including CalWORKs, DSPS, and EOPS.

Some of the services provided by counselors include:
- Conducting group orientation and registration information sessions
- Providing essential information concerning certificate, degree, and transfer requirements as well as college rules and regulations and students’ rights and responsibilities
- Assisting students in assessing and analyzing aptitudes, interests, values and personality related to career and academic planning
- Assisting students in learning decision-making processes including choosing, changing, or confirming career goals and taking appropriate steps to reach those goals
- Determining the best educational program for each student to achieve a chosen career goal

Developing a student education plan that includes both the coursework and supplemental needs of each student

Selecting courses and assisting students with the registration procedures of the college

Suggesting college activities to maximize each student’s opportunities and potential

Planning a transfer program which leads to acceptance with junior level (upper division) status at a university

Providing workshops on a variety of topics of interest to students

Assisting students to resolve personal problems which are barriers to their education achievement

Referring students to appropriate campus and community support services and resources

Offering Counseling (COUNS) classes for students including:
- COUNS 10-College Success
- COUNS 22-Peer Advising Seminar
- COUNS 25-Career Planning and Development
- COUNS 30-Transfer Preparation
- COUNS 35-College Study Skills
- COUNS 45-Career College Planning

For more information or to schedule an appointment, email yccounseling@yccd.edu or call:
- Yuba College (530) 634-7766
- CalWORKs (530) 634-7773
- DSPS (530) 741-6795 or (866) 274-7530 (VP)
- EOPS (530) 741-6995
- Sutter County Center (530) 751-5600
- Beale AFB Outreach Services (530) 788-0973

Dining Facilities

Yuba College offers two dining options on the Yuba College campus. The Culinary Arts program at Yuba College provides restaurant style dining at Flavors restaurant. Flavors is open Monday through Thursday from 11:30 a.m. - 1:00 p.m. The Cafe offers a variety of food and coffee selections and is open Monday through Friday during the morning and late afternoon. Flavors and the Cafe are located in Building 300.

Sutter County Center offers grab and go food and beverages at the 441 Cafe which is open Monday through Thursday from 8:30 a.m. - 2:00 p.m.

Distance Education/e-Learning

Distance Learning courses include televised courses (ITV) and fully online courses. A complete listing of these courses includes the Schedule of Classes under Distance/Education or online at the Yccd eLearning website (http://de.yccd.edu) - Content, instruction, assignments, testing and student/faculty interaction occur at a distance. Some faculty may require students to come to campus to take exams or require prior approval for exams proctored at a remote site.

The rigor of online and ITV courses is equal to a regular course. Students need to have good time management skills and be able to work independently. Two, 1 unit online courses are offered each term to help prepare students to be successful online learners: MCOMM 40, Introduction to Online Learning and LIBSC 1, Basic Research Skills.

ITV courses feature Yuba College or Woodland Community College instructors. These courses are accessible on the web via the YCCD eLearning software.

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Financial Aid and Scholarships
Information about Financial Aid and Scholarships is located in the Financial Aid Section of the Yuba College Catalog beginning on page 32.

Health Clinic (Student)
Yuba College, in partnership with Harmony Health, offers a free Student Health Clinic for minor health care and psychological needs. The clinic is located in Room 122C in Building 100B. For more information, call (530) 740-1748.

Library
The Yuba College Library, located in Building 1100, offers a variety of information services and resources to support student learning across campus. With access to updated book and electronic book collections, periodical subscriptions, and online research databases, the library is a great place to start any research project. Students are welcome to study in a quiet environment, search on a topic, and get help in finding information. Appointments are available to meet one-on-one with a librarian. Students may learn how to use the library and its resources by attending an orientation session or enrolling in LIBSC 1 - Library Research Skills which is offered online.

The new Learning Resources Center, located in the Library, opened in January 2014 in Marysville after a major renovation. The updated facility features group study rooms, quiet study areas, and a computer lab. Members of the public are welcome to use the facilities any time the Library is open.

Selective Service Registration
Almost all male U.S. citizens and male aliens living in the U.S., who are 18 through 25, are required to register for the military draft. However, men who currently register are not automatically inducted into military service. Presently, the United States operates its military through volunteer enlistment. The last time men were inducted into the military was during the Vietnam War. Registration for a possible future draft is required to ensure America’s preparedness in the event of a military crisis. In the event of a crisis that necessitates a draft to be invoked, men would be called in sequence determined by random lottery number and year of birth. They would then be examined for mental, physical and moral fitness by the military before being deferred or exempted from military service or inducted into the Armed Forces. Males may register as soon as they reach the age of 17 years and 3 months but must register within 30 days of turning 18.

If males do not register, they could be prosecuted and fined up to $250,000 and/or put in jail for up to five years. Registration is also required to qualify for Federal student financial aid, job training benefits, and most Federal employment. The Selective Service Registration Form may be obtained from the Yuba College Registration Office or from your local post office.

Students who have questions about Selective Service registration may contact the Selective Service at (847) 688-6888 or on the Web.

Student Accident Insurance Policy
Yuba Community College District students are covered by an Accident Insurance Policy for accidents and injuries sustained while attending school and/or participating in school related activities. The policy has a maximum liability amount of $20,000. Coverage is subject to the terms and conditions of the policy, which is available for review in the President’s office.

Please note that Yuba Community College District does not offer a health insurance plan for its students. If a student is enrolled in a healthcare plan, the Student Accident Insurance Policy will be considered secondary coverage. If a student does not have a healthcare plan, then the Student Accident Insurance Policy will be considered primary coverage up to the maximum limit and subject to the terms and conditions of the Policy.

Extended Day and Outreach Programs
The Outreach Program, planned to serve the diverse needs of the adult population of the entire District, accomplishes its aim through several facets:
• The On-Campus Late Afternoon and Evening Program;
• The Off-Campus Program providing service at sites throughout the District wherever fifteen or more individuals identify an educational need the College may properly meet;
• Short Term Courses, as short as one day or a weekend, when appropriate to meet an identified need;
• State-approved Non-Credit Courses to meet needs of adults which are not properly met through credit courses; and
• The Public Events Program which sponsors cultural events, speakers, musical events, and other activities not appropriate as credit or noncredit courses.

Disabled Student Program and Services (DSPS)
Disabled Student Program and Services, located in Building 1800, is designed to ensure educational opportunities for students with disabilities that impact their academic participation such as vision, hearing, psychological, mobility and learning. DSPS partners with the college to promote equity in all its educational offerings. Screening for learning disabilities is available to all currently registered Yuba College students having trouble in their classes or who have a history of special education needs. Support services for eligible students may include academic accommodations such as test proctoring, note-taking, disability advising, priority registration, auxiliary aids, interpreter services and mobility aids. Specialized classes are offered each semester at Yuba College include Adapted Physical Education, Academic Strategies, Assisted Technology and Reading/Writing Development.

For more information about eligibility, to apply for services, or to schedule an in person or distance appointment, call 530-741-6705 (voice) or (866) 274-7530 (VP) or email dspssinfo@ycyd.edu.

Dusty’s Pantry
Dusty’s Pantry, located in Building 100B, Room 100A, provides primarily non-perishable food to Yuba College students. Students may access lunch-type snacks Monday-Thursday. Food is free of charge. CalFresh also provides food aid to qualifying students. Contact Yuba College Counseling at (530) 634-7766 for Dusty’s Pantry hours of operation and CalFresh information.

Extended Opportunity Program and Services (EOPS)
Extended Opportunity Program and Services (EOPS), located in Building 100B, is a state funded program that provides “over and above” support services to economically and educationally disadvantaged students. EOPS promotes student success with priority registration, comprehensive educational planning, career and transfer planning, free tutoring, textbook assistance, limited financial assistance, and other additional services designed to support the student.

For additional information or to schedule an in person or distance appointment at Yuba College or the Sutter County Center, visit the EOPS website: http://yc.yccd.edu/student/EOPS/default.aspx, call EOPS at Yuba College, (530) 741-6995 or email yceops@ycyd.edu.

Cooperative Agencies Resources for Education (CARE)
As a supplemental component of EOPS, CARE provides additional support services for eligible EOPS students who are single head of household, have at least one child under the age of 14, and are receiving TANF benefits. Grants for educationally related expenses (such as child care, transportation, textbooks and supplies) may be awarded as a means of strengthening the retention, persistence, graduation and transfer rates of these individuals.

For additional information visit the EOPS web-site: http://yc.yccd.edu/student/EOPS/default.aspx or call EOPS at Yuba College, (530) 741-6995 or email yceops@ycyd.edu.

PUENTE Program
The mission of the PUENTE Program is to increase the number of students who transfer and enroll in baccalaureate level colleges and universities, earn their degrees and return to the community as leaders and mentors of future generations. The program offers academic, counseling and mentoring support for students to build the skills necessary for success in both academic and career goals while in community college. Students enrolled in the program work collaboratively with their counselor, instructor, and mentor. To qualify, students must assess at English 1A and submit an application for the PUENTE Program. For more information, contact David Perez, PUENTE Counselor, at (530) 634-7770 or Kyra Mello, PUENTE English Professor, at (530) 634-7784.
**Programs and Services**

**Student Success and Support Program (SSSP)**

The Student Success and Support Program (SSSP) is both a program and a process designed to support and encourage student success.

The mission of SSSP includes ensuring fair and equal access to campus resources, accurate and unbiased assessment and placement, and the provision of quality guidance and support for students to reach their educational goals. The objective of SSSP is to assist students in designing and planning their educational goals. The process begins with admission to the college and ends when the student achieves his/her educational goal.

The purpose of the Student Success and Support Program at Yuba College is to increase success through:

- Orientation: provides entering students with a brief overview of college policies, programs and services
- Assessment: provides students with reading, writing, and mathematics course placement recommendations
- Academic Advising: provides students with a short term and long term Education Plan
- Follow-up: provides students the opportunity to update plans and ask questions

Student Success is the process that allows the college and the student to form a partnership which helps each student identify and attain that goal. The college asks students to commit themselves to an educational objective, and the college commits to fostering student success. To ensure the success of the partnership:

- The College agrees to provide:
  - An admission process
  - An assessment of basic educational skills and career goals
  - Counseling/advising for the development of an individual education plan
  - Quality instruction
  - A wide variety of courses
  - Referral to support services as necessary
  - Follow-up on student academic progress

Students are expected to:

- Attend an orientation session
- Complete assessment
- Declare a specific educational objective or career pathway after completing 15 units of degree applicable course work
- Seek counseling assistance for the development of a comprehensive education plan
- Attend classes regularly, complete assigned course work and seek out counseling services as necessary
- Complete courses and maintain progress toward an educational goal as identified in the individual student education plan
- Seek out support services as needed

**Transfer Center**

The Yuba College Transfer Center, located in Building 100B, hosts an annual fall transfer program called, “College Information Day”. This program brings representatives on campus from the University of California, California State University, independent California colleges and universi-
ties, in addition to out-of-state colleges. Both Yuba College and area high school students have an opportunity to visit informally with these representatives to obtain information concerning their programs, services, and application procedures.

The Transfer Center offers services and resources for students seeking information about baccalaureate level colleges and universities. For some students, the transfer process can be overwhelming. Yuba College counselors and Transfer Center staff are committed to help students with the phases of the transfer process and the many transfer options available. These services include:

- Computers with Internet links to web sites related to transfer
- Appointment opportunities with representatives from baccalaureate level colleges and universities
- The annual College Information Day
- Workshops related to transfer

For more information, call (530) 634-7766 at Yuba College.

**Upward Bound**

Upward Bound is federally funded through the U.S. Department of Education to serve low-income and potential first-generation students to progress through the academic pipeline from middle school to post baccalaureate programs.

Upward Bound serves high school students from Live Oak, River Valley and Yuba City. The program provides opportunities for participants to succeed in a pre-college performance and ultimately in higher educational pursuits.

The goal of Upward Bound is to increase the rates at which participants enroll in and graduate from institutions of post-secondary education. Additionally, Upward Bound provides support to high school students in their preparation for college admission.

The services listed below are free and available to Upward Bound participants:

- Six-week Summer College Academic and Cultural Enrichment Program
- Saturday Workshops on learning styles, career exploration and personal skills development
- Weekly sessions at the student’s respective high school with the Upward Bound Learning Specialist to assist in academic, career and personal advising and college exploration and planning
- Daily after school tutoring
- Academic instruction in English, foreign language, mathematics, science and other academic classes
- College visits
- Cultural enrichment activities
- Leadership workshops and conferences
- New and renewable scholarships

To learn more about the Upward Bound Program, call (530) 749-3855 or visit the Yuba College website.

The Legislative requirements of Upward Bound programs can be found in the Higher Education Act of 1965, Title IV, Part A, Subpart 2, Federal Early Outreach and Student Services Program, Chapter 1, Federal TRIO programs.

**Umoja Program**

Umoja is a Kiswahili word meaning “unity.” The college is committed to working together to meet the desired outcomes for African ancestry students at Yuba College: a commitment to working diligently for academic achievement, attainment of an associate degree and qualification for transfer to a baccalaureate level college or university.

For information and an application for Umoja, contact Valerie Harris, Umoja Counselor, at (530) 741-6850.

**Veterans Resource Center (VRC)**

The mission of the Yuba College Veterans Resource Center (VRC) is to provide academic support to the student veteran community. Located in Building 725, the Yuba College VRC is committed to military affiliated students who have chosen to make the transition from a military lifestyle to being a college student. The VRC is dedicated to assist veteran students in this transition and to help them achieve academic success. Some examples of activities in the VRC are to facilitate peer-to-peer support, mentoring, and a network of social camaraderie through the Student Veterans Association and other resources.

The VRC staff partners with campus and community resources such as Financial Aid, Counseling, Disabled Student Program and Services and can assist veterans by making referrals to other community veterans’ organizations such as the Yuba-Sutter County Veteran Service Officers, Yuba-Sutter Stand-Down, Califet-Veteres and other VA Health providers.

Other resources available include study area, computers with printer access, a book lending library and a television to relax between classes. The VRC is open from 8:00 a.m. - 6:00 p.m. during the normal academic week.

**Veterans Services**

Yuba College is approved for the training of veterans and dependent students. The Veterans Service Office (VSO) assists veterans, reservists, and dependents (of service-connected disabled, or deceased veterans) with their educational benefits. The VSO also acts as a liaison with the U.S. Department of Veterans Affairs.

Yuba College requires that all veterans and/or dependents who wish to collect education benefits call the Yuba College VSO to start a file. The VSO will provide assistance in applying for benefits, educational pay, college registration, placement testing and counseling referrals.

All benefit recipients are required to submit a copy of a current class schedule to the Yuba College VSO each semester. Regional VA processing of benefits can take 4 to 6 weeks. For more detailed information call the Yuba College VSO at (530) 741-6822.

**Credit for Military Experience**

Upon application, the College will evaluate military records to determine if a student may be awarded elective credit for military service.

The service person must have spent at least four months in active service and have a discharge other than dishonorable. These units will satisfy the Yuba College Health/Physical Education/Kinesiology graduation requirement.

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College credit may be allowed for the completion of college-level courses in formal service schools in accordance with recommendations found in the Guide published by the American Council on Education. Students must petition to earn specific credit for general education and major coursework completed in the military. Credit may also be allowed for college-level U.S. Armed Forces Institute (USAFI) courses (but not for USAFI GED tests).

Veterans Standard of Progress: A veteran student, who is receiving veteran benefits and is placed on academic probation, will have that probation reported to the Veterans Administration prior to the commencement of the next semester. In accordance with Yuba Colleges policy on dismissal, students who remain on academic probation beyond two semesters where their cumulative GPA does not improve to a 2.0, or higher will be dismissed. The college is required to report a termination of benefits directly to the Veterans Administration due to unsatisfactory progress. The Yuba College Certifying Official cannot certify a veteran for any class beyond that point until the GPA is above a 2.0.

Military Withdrawal: A military withdrawal occurs when a student who is a member of the United States military (active or reserve) receives orders necessitating a withdrawal from enrolled courses. A student must file a petition requesting this option and attach a copy of military orders. Upon verification of such orders, a withdrawal symbol of “MW” will be assigned. Military withdrawals will not be counted in progress probation and dismissal calculations.

For more information, call the Yuba College Veterans Service Office at (530) 741-6822.

Workforce Innovation and Opportunity Act (WIOA)

The Workforce Innovation and Opportunity Act (WIOA) is a federally funded program that offers financial assistance to qualifying individuals who wish to obtain vocational training and have un-met needs after applying for the California College Promise Grant (formerly known as the BOGW fee waiver) and financial aid. The program helps students find a job or train for a new career. Authorized WIOA activities provided at the local level benefit job seekers, dislocated workers, youth, incumbent workers, new entrants to the workforce, veterans, and employers. These activities promote an increase in the employment, job retention, earnings, and occupational skill attainment by participants. This improves the quality of the workforce, reduces welfare dependency, and enhances the productivity and competitiveness of the nation. Acquiring employment, retention, and self-sufficiency through training are priorities with WIOA. It is important that students choose a career with a labor market need. If jobs are not available in the local area, students will need to consider relocating or commuting to another area.

The WIOA Office is located in Room 121, in Building 100B. This office offers a computer lab with current software programs, internet access, a study area, and a small lending library for textbooks. Interested students should inquire in the WIOA Office to qualify for on-the-job training, books, supplies, tools, fees, testing, transportation assistance, and other school or job-related needs. This is not a loan and does not have to be repaid. The student may be receiving Financial Aid, EOPS, unemployment, and scholarships, and still receive WIOA assistance. This is not an entitlement program. The student must qualify and then it is based on funds available at the county level. For more information call (530) 741-6830.

Writing and Language Development Center (WLDC)

The Writing and Language Development Center (WLDC) is open to all currently enrolled Yuba College students during the fall and spring sessions and is located inside the Learning Resource Center in Room 1116. The following services are offered:

- Drop-in assistance for any writing assignment
- Help with MLA, APA, and Chicago style formatting
- One-time or regular weekly appointments
- Informal study space and private study rooms
- Technology assistance and computer lab
- Proofreading tips
- ESL conversation groups
- English final exam workshops
- Kurzweil 3000 software for assisted reading and writing
- Writing and grammar tip sheets

For more information call (530) 741-1709.

Yuba Community College District Foundation

History: The Foundation, located at the District Office, was established in 1972 to support academic programs and student scholarships in order to enhance student learning and promote student success at the campuses and centers within the Yuba Community College District. Throughout the subsequent decades, numerous gifts and sound investing have built the Foundation funds to a level of several million dollars, making the YCCD Foundation one of the larger community college foundations in the State of California.

Vision-Mission: YCCD Foundation’s purpose, within the mission of the District, is to seek, manage and administer funds for the betterment of student-centered programming and services at the primary educational facilities that comprise the District. YCCD and its Foundation will, thereby, enhance its communities through support of this region’s students.

Donations: As a registered 501(c)(3), YCCD Foundation is able to assure that all gifts received by the Foundation are fully tax deductible. The Foundation has received direct support through gifts of cash, real estate, equities and art throughout its years of operation. Additionally, planned gifts such as wills, charitable remainder trusts, and insurance policies have benefited the Foundation’s capabilities. Non-cash gifts, such as laboratory equipment and classroom supplies, can also provide donors with a tax deduction.

Academic Program and Student Scholarship Support: The Foundation has been established to support academic programs with purchases of equipment and supplies. This capability has allowed student learning to grow with ever evolving technology. The YCCD Foundation funds student scholarships that assist students with required purchases, such as books, so that students can be successful in attaining their educational goals.

Programs: On the average, between 45-50 projects and scholarships per semester receive support through donations to the YCCD Foundation.

Yuba College Alumni and Friends:

The purpose of the Yuba College Alumni and Friends Club is to maintain strong relationships between friends and former students and to support and promote the goals, activities, and interests of the college. The association provides the vehicle to stimulate this support and to keep the community, alumni and friends of Yuba College involved in college programs and activities. There is a growing pride in being a part of the Yuba College family of supporters and in giving something back to the college which has given so much to them. For additional information, please contact: ycalumni@yccd.edu.

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Admissions

Yuba College does not restrict admission to residents of the District, nor does it restrict the privilege of District residents to attend any other community college. Nonresident students are accepted on the same basis as California resident students, except that State law requires a tuition charge (see “Residency Requirements” below).

Open Enrollment Policy
All courses, regardless of where offered, are open to members of the public who are otherwise eligible for admission with the following exceptions:

- Courses that are specifically exempted by statute, including “impaired” allied health programs (such as Radiologic Technology, Veterinary Technology, Associate Degree Nursing and Psychiatric Technician); 
- Courses closed by maximum enrollment of students by the “priority registration” policies; 
- Courses with academic prequisites that restrict enrollment of academically unqualified students; and 
- Courses with content that would be a repeat of a course of equivalent or more advanced course work previously taken by the student (exceptions require counselor evaluation and approval).

Applications may apply for admission online by going to the Yuba College website at yc.yccd.edu

Admission to Impacted Programs: Impacted programs require a special application. For Associate Degree Nursing (ADN), Psychiatric Technician, Radiologic Technology call (530) 741-6784. For Veterinary Technology call (530) 741-6785.

International Students: Students must obtain a special application which may be downloaded from the Yuba College website, Admissions tab, or mailed upon request from Student Services Division, located on the Yuba College campus or call (530) 741-6705.

Age and/or High School Graduation Requirement:
In general, all full-time students must have earned a high school diploma, a State Certificate of Proficiency or the equivalent, or be 18 years of age as of the date of registration, as provided in Section 76000 of the Education Code, and be able to “benefit” requirements.

Dual Enrollment of High School Students: A high school student who has completed the eighth grade may be permitted to apply and be subject to the following requirements with the written recommendation of the high school administrator and the parent’s permission. Physical Education/Kinesiology courses may be taken; students must have met any course prerequisite requirements; students are required to fulfill the minimum day requirement at their high school, or, for charter home-schooled students, the parent to have verified that the proposed course work will not interfere with the student’s basic high school course work; charter or home-schooled students must present a grade equivalency certification documenting the grade level the student has achieved; charter or home-schooled students must present a copy of the affidavit submitted to the State or County Office of Education to document the student’s involvement in an educational process; dual enrolled students receive the lowest registration priority. Students must be certified to be eligible for advanced scholastic or vocational coursework. Call the high school administrator for information concerning the dual enrollment program. Students are subject to all rules, regulations, and fees of the College. The enrollment fee, student health fee, and non-resident tuition fee will be waived for eligible students.

Application Process and Steps to Apply:

1. An application for admission. 
   - Submit high school and college transcripts; transcripts must be received by direct mail or electronically approved from the issuing institution or hand-carried in a sealed official envelope. 
   - Complete the College Placement Examination (CPT) unless exempt. The test should have been completed within the last three years or it is suggested that it be repeated. It may be taken no more than three times in a two-year period.
   - Participate in an orientation program (usually done on-line) to become acquainted with the College’s programs, services, academic expectations, procedures, and regulations.
   - Meet with a counselor to develop an educational plan appropriate to the student’s goals and present learning skills. Counselors can suggest programs that will strengthen a student’s learning skills.

Residency Requirements
California state law mandates that each student who applies for admission provide residency information and evidence as deemed necessary by the Admissions and Records Office to determine the student’s residency classification.

The following rules regarding residency determination are not a complete explanation. For further information, call the Admissions and Records Office.

1. A resident of California who has been continuously domiciled in this state for a period of six years immediately prior to the date of application will be exempt from the non-resident fee.
2. A high school student who has completed the eighth grade may establish residence in accordance with the criteria listed below.
3. A student incorrectly classified as a California resident because of falsification of information is subject to reclassification as a nonresident and payment of nonresident tuition or exclusion from class(es) upon notification. Students classified as nonresidents may appeal the decision within 30 days of the date of the residency classification decision.

International Student Admission

Under Federal law, Yuba College is authorized to enroll international students on F-1 student visas for associate degree and/or transfer programs. International students applying for admission must request an International Student application packet from the Dean, Student Services by calling (530) 741-6705.
Admissions

The deadlines to apply are May 15 for the fall semester and December 1 for the spring semester. Since applications will not be considered until all required documents are on file, students are encouraged to request applications early.

To be considered for admission, an international student must meet specific criteria:

- Pay Tuition, Enrollment Fees and the Student Health Fee at the time of registration. (See current fees in Schedule of Classes.)
- Complete the required application packet which consists of:
  1. Application form, including a recent photograph.
  2. Copies of high school and college transcripts.
  3. A TOEFL examination with test scores sent from the testing service to Yuba College (minimum score of 152 on the Computer-based test, or 53 on the Internet-based test is required.)
- A certified financial statement, showing evidence of support, in U.S. dollars, for the duration of the time in the U.S. (should be able to provide approximately $13,000 annually without planning to work while in the U.S.)
- A letter of recommendation.
- A certificate of health to include a special test for tuberculosis.
- A $25 Application Processing Fee.

International students accepted for admission are required to:

- Carry their own health insurance and to provide a copy of proof of health coverage to the Student Services Department at Yuba College.
- Pursue a specific degree program, and upon arrival at Yuba College meet with a counselor to develop an individual Education Plan. Students will be expected to follow the Education Plan while studying at Yuba College.
- Register in required English courses each semester until graduation requirements are met.
- Complete a minimum of 12 units each semester with at least a "C" grade point average.
- Complete academic program in a maximum of six semesters.
- Work with the International Student Representative to meet all requirements for international students.
- Provide own housing.

Only those students who agree to each of the above requirements and meet the above criteria will be considered for admission to Yuba College. Applicants who are accepted to Yuba College will be mailed the Immigration and Naturalization Form I-20.

Student Success Act of 2012

The Student Success Act of 2012, which provides legislative guidelines for the creation of the Student Success and Support Program, requires that all entering students complete Orientation, Assessment and an Individual Education Plan. For more information visit the California Community College Chancellor’s Office website at www.cccco.edu and view SB 1456 or Student Success Act of 2012.

All entering students must complete the following Student Success and Support Program matriculation steps:

- Complete the required application packet which consists of:
  - Complete the online admissions application
  - Complete the placement examination (unless exempt)
  - Have high school and/or college transcripts sent to the Admissions and Records Office at the Yuba College campus
  - Complete the online orientation
  - Meet with a counselor to discuss and develop an educational plan and select appropriate classes for registration

Exemptions: Students may be exempt from the placement, orientation and/or counseling components of matriculation if they meet certain criteria. Students seeking an exemption from any part of the matriculation process must submit an exemption form. The student’s statement on the exemption form may require verification. Exemption forms are available at all counseling offices.

Students who meet the exemption criteria will be classified as non-matriculants which will:

- Affect registration priority or registration in subsequent terms
- Require an educational plan to be developed with a counselor once fifteen degree applicable units are completed

Placement Examination

The purpose of the Placement Examination is to assess each student’s skills in mathematics, reading and English and determine the appropriate course placement in each discipline. The examination generates a profile of each student’s reading, mathematics, and writing skills based on test scores and other information supplied by the student. The placement system is designed to place students into courses in which they may build on their current skills and advance through the curriculum at the pace best suited to their needs and abilities. Students may take the Placement Examination no more than three times in a two-year period and not more than two times in any semester. There is a thirty day waiting period for retests. The Placement Examination may not be used to supplant or to skip a course in a sequence of courses. Placement scores may be valid for up to three years. Students with disabilities or special testing needs should discuss options and accommodations with a counselor or Disabled Student Program and Services staff.

The Yuba College Assessment and Testing Center complies with the provisions of the Americans with Disabilities Act.

The following students are required to complete the Placement Examination prior to enrolling in classes:

Student Responsibility Regarding Registration

Students should acquaint themselves with College policies and procedures, study this Catalog and the Schedule of Classes, consider the curriculum carefully, and plan the courses needed for their major(s), degree and transfer including electives before registering online through WebAdvisor.

Students must assume complete responsibility for fulfilling all requirements to meet planned objectives. Students on probation should carefully consider the consequences of their status while planning for registration. Assessment services include counselor appraisal of previous college and/or high school work (transcripts should have been sent to the College), as well as, placement (CPT) examination scores, and other information such as number of hours working, etc., that may have an effect on student goals. Assessment is used to advise students about courses and services most appropriate to their skills, educational backgrounds and career goals. (See also “Placement Examination” section for other information.)

Enrollment Priorities

Administrative Procedure 5055 provides information for the Enrollment Priorities process. Effective the Summer/Fall 2014 registration period the Enrollment Priorities criteria changed and students should review the administrative procedure to attain the current policy requirements: http://www.boarddocs.com/ca/yccd/Board. nsf/goto?open&id=AT23FU0200616

Change in Enrollment

Students wishing to change their course enrollment may add or drop classes using WebAdvisor registration, or by submitting the appropriate forms to the Admissions and Records Office. Full-term courses may be added during the late registration period (see “Schedule of Classes”), later only in special cases and with instructor approval.

ENROLLMENT FEES. Enrollment fees for classes that are dropped on or before the refund deadline (Friday ending the second week of instruction for full-semester classes or ten percent of a short-term class) are credited to the student’s account (see “Refund” section).

Registration Procedures

If a class is dropped prior to Census Date (20% of courses), no notation of the course will be entered on the student’s transcript. If a class is dropped after that time but prior to the end of the thirteenth week of a regular semester (75% of the term), a “W” will be entered on the student’s transcript. If the drop is processed after that time, State Law provides the grade must be other than a “W” and usually will it be a failing grade.

It is the student’s responsibility (not the instructor(s)) to process all adds and drops. This is not an automatic process. Students who discontinue attendance in any class without officially dropping the course are subject to a failing grade. If the student drops a class using WebAdvisor, it is the student’s responsibility to check that adds and drops were correctly processed.

Maximum Unit Load

The average student load is twelve (12) to sixteen (16) units per semester. In any case, nineteen (19) units is the maximum load which is allowed. Units in excess of nineteen (19) are allowed only for the most urgent reasons and on the basis of counselor approval.

Eight (8) units is the maximum in which a student may register during the summer session without counselor approval.

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• students who plan to enroll in English and mathematics courses or courses with a heavy writing, reading or math content
• students who plan to graduate or transfer units to another institution
• high school students participating in dual enrollment

Multiple Measure Exceptions: Students may be exempt from one or more parts of the placement exam based on the use of multiple measures including high school GPA, CAASPP EAP scores, SAT scores, ACT scores, AP scores and grades in HS courses.

To determine eligibility for exemption and course placement, high school transcripts and/or test and examination score reports may be submitted to the Yuba College Assessment and Testing Center at either the Yuba College campus or the Sutter County Center.

Multiple Measures placement cannot be used by students who have already started or completed YCCD math or English classes.

Transferring Placement Test Scores from Other Colleges: Students may transfer placement test scores for another community college for use at Yuba College provided the test is approved by the State Chancellor as a Second Party Assessment Instrument and the scores can be translated to the Yuba College Placement system and are no older than three years. It is the student’s responsibility to have the other institution provide the test scores to the Yuba College Assessment and Testing Center. Placement will be made in accordance with current policies and procedures and may differ from the placement at the previous college. Students have the option of taking the Yuba College Placement Examination instead of transferring their test scores.

Placement Challenges: Students who have completed math or English courses at another college may challenge the Placement Exam by filing a Prerequisite Challenge Form with the Student Services Department. The results of the challenge are final. Students are encouraged to seek counselor advice in selecting courses appropriate for their educational goals.

Placement Levels
Placement scores identify the course level appropriate for each student’s level of academic skill in English, mathematics, and reading. After successfully completing the placement-level course, students advance to the next level, and continue to progress until degree requirements are met. All students are encouraged to seek counselor advice in selecting courses appropriate for their educational goals.

Placement Level | English Courses | Mathematics Courses
--- | --- | ---
1003 | English 105 or English 56 (accelerated) | Math 51, Math 52, Math 55, or Math 58
1004 | English 51 or English 56 (accelerated) | Math 101 or General Business 56
1005 | English 1A | Math 51, Math 52, Math 55, or Math 58

Placement Level | Mathematics Courses
--- | ---
2003 | Math 111
2004 | Math 101 or General Business 56
2005 | Math 51, Math 52, Math 55, or Math 58
2008 | Math 9, Math 10, Math 15, Math 20, Math 21 or Math 25 and Statistics 1
2009 | Math 1A

Placement Level | Placement Courses | ESL Courses | Supplemental ESL Courses
--- | --- | --- | ---
4100 | Level-1 course ESL 215, ESL 225, ESL 235, ESL 245, ESL 255, ESL 265, ESL 268 | ESL 212, 213, 214, ESL 222, 223, 224, 228, 229AC, ESL 233, 236EC, 239MAT, ESL 243, 248L, 249CMAT, ESL 263, 268, 259EMP, 295MAT, ESL 263, 268, 40LA | ESL 40A
4200 | Level-2 course ESL 215, ESL 225, ESL 235, ESL 245, ESL 255, ESL 265, ESL 268 | ESL 212, 213, 214, ESL 222, 223, 224, 228, 229AC, ESL 233, 236EC, 239MAT, ESL 243, 248L, 249CMAT, ESL 263, 268, 259EMP, 295MAT, ESL 263, 268, 40LA | ESL 40A
4300 | Level-3 course ESL 215, ESL 225, ESL 235, ESL 245, ESL 255, ESL 265, ESL 268 | ESL 212, 213, 214, ESL 222, 223, 224, 228, 229AC, ESL 233, 236EC, 239MAT, ESL 243, 248L, 249CMAT, ESL 263, 268, 259EMP, 295MAT, ESL 263, 268, 40LA | ESL 40A
4400 | Level-4 course ESL 245, ESL 255, ESL 265, ESL 268 | ESL 212, 213, 214, ESL 222, 223, 224, 228, 229AC, ESL 233, 236EC, 239MAT, ESL 243, 248L, 249CMAT, ESL 263, 268, 259EMP, 295MAT, ESL 263, 268, 40LA | ESL 40A
4500 | Level-5 course ESL 255, ESL 265, ESL 268 | ESL 212, 213, 214, ESL 222, 223, 224, 228, 229AC, ESL 233, 236EC, 239MAT, ESL 243, 248L, 249CMAT, ESL 263, 268, 259EMP, 295MAT, ESL 263, 268, 40LA | ESL 40A
4600 | Level-6 course ESL 265, ESL 268 | ESL 212, 213, 214, ESL 222, 223, 224, 228, 229AC, ESL 233, 236EC, 239MAT, ESL 243, 248L, 249CMAT, ESL 263, 268, 259EMP, 295MAT, ESL 263, 268, 40LA | ESL 40A
4700 | Level-7 course ESL 116A, ESL 116B | ESL 212, 213, 214, ESL 222, 223, 224, 228, 229AC, ESL 233, 236EC, 239MAT, ESL 243, 248L, 249CMAT, ESL 263, 268, 259EMP, 295MAT, ESL 263, 268, 40LA | ESL 40A
4800 | Level-8 course ESL 116A, ESL 116B | ESL 212, 213, 214, ESL 222, 223, 224, 228, 229AC, ESL 233, 236EC, 239MAT, ESL 243, 248L, 249CMAT, ESL 263, 268, 259EMP, 295MAT, ESL 263, 268, 40LA | ESL 40A

ADVISORY PLACEMENT LEVELS FOR COURSES REQUIRING COLLEGE-LEVEL SKILLS.

Many “entry level courses” that are numbered 1-99 carry credit units that apply toward the associate degree. These courses require advisory skills. It is recommended that students meet the language, math and computer requirements if they plan to enroll in any course with a description that includes an “L”, “M” and/or “C”.

The (C) designation means that the course is such that the student must have college-level language skills to successfully complete the course. Students may meet the requirements for the (C) courses by one of the following:

1. Achieving an English placement level of 1005 or higher.
2. Achieving a grade of “C” or better in English 51 or 56.
3. Achieving eligibility to enroll in English 1A, 1B, or 1C.
4. Possessing an A.A. or A.S. degree or higher.

The (M) designation means that the course is such that the student must have college-level math skills to successfully participate in the course. Students may meet the requirements for (M) courses by one of the following:

1. Achieving a math placement level of 2005 or higher.
2. Achieving a grade of “C” or better in Math 101 or Math 101B.
3. Achieving eligibility to enroll in Math 51, 52, 55, or 58.
4. Possessing an A.A. or A.S. degree or higher.

The (L) designation means that the course is such that the student must have college-level language skills to successfully complete the course. Students may meet the requirements for the (L) courses by one of the following:

1. Achieving an English placement level of 1005 or higher.
2. Achieving a grade of “C” or better in English 51 or 56.
3. Achieving eligibility to enroll in English 1A, 1B, or 1C.
4. Possessing an A.A. or A.S. degree or higher.

Schedule of Classes
The Schedule of Classes is published in hardcopy and online each semester. The Schedule includes registration procedures, course information, critical deadline dates, the official Academic Calendar, and other important information for students.

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STATE-MANDATED ENROLLMENT FEE: All students (unless at the time of registration they qualify for exemption* under State mandates) are subject to an Enrollment Fee. These fees are established by the State legislature and are determined at the time of enrollment by the student’s unit load. The current fee is $46 per unit.

*Exemptions: State regulations provide the following three programs to help eligible low income students with California residency status to have the qualifying students.

CALIFORNIA COLLEGE PROMISE GRANT (CCPG) Formerly known as Board of Governors Fee Waiver: Beginning the 2018-2019 academic year, the Board of Governors Fee Waiver (BOGFW) will be called the California College Promise Grant. The California College Promise Grant is a state sponsored program, which waives enrollment fees for qualifying students.

• California College Promise Grant (CCPG) Program A. For any student who, at the time of registration, is a recipient of (1) TANF (Temporary Assistance for Needy Families); (2) SSI/SSP (Supplemental Security Income/State Suppilimentary Program); (3) General Assistance/General Relief Program; or (4) The California Department of Veteran Affairs or the National Guard Adjutant General’s Certification of Eligibility for a dependent’s fee waiver.

• California College Promise Grant (CCPG) Program B. For low income students who meet eligibility requirements.

• California College Promise Grant (CCPG) Program C. For low income students who qualify for Financial Aid.

Prior to registration, students in any of these categories should obtain the appropriate application materials from the Financial Aid Office for exemptions.

STUDENT SUCCESS ACT OF 2012: In an effort to help students succeed in the California community colleges, the Student Success Act of 2012 (California Senate Bill 1456) was signed into law by Governor Brown. Among other aspects, the Act included the creation of minimum academic and progress standards that must be met for continued eligibility for the California College Promise Grant (CCPG). These are different and separate standards from those for student federal aid and Cal Grants.

Effective Fall 2016, California Community College students receiving the California College Promise Grant must meet minimum academic and progress standards to remain eligible for the CCPG. Students Must:

• Maintain a cumulative GPA of 2.00
• Successfully complete at least 50% of all units attempted

Measurement of these standards began in fall 2016. Students not meeting the new standards are notified within 30 days of the end of each term. Students will be placed on either Academic (GPA) and/or Progress (Course Completion) probation. The notification will include an alert that a second term of probation will result in loss of CCPG eligibility. After the second consecutive term of probation, students may lose eligibility for the CCPG for their next registration opportunity.

How to regain eligibility. If CCPG eligibility has been lost, there are ways to have it reinstated:

• Improve GPA or Course Completion to meet the academic and progress standards.
• Successful appeal regarding extenuating circumstances.
• Not attending the same college district for two consecutive primary terms (fall/spring semesters, or fall/winter/ spring quarters).

The appeals process for extenuating circumstances includes:

• Verified accidents, illness or other circumstances beyond student’s control
• Changes in economic situation
• Evidence of inability to obtain essential support services
• Special consideration factors for CalWORKs, EOPS, DSPS and veteran students
• Disability accommodations not received in a timely manner

Foster youth and former foster youth (age 24 years and younger) are not subject to the CCPG under these regulations. Contact the Financial Aid Office or Registrar at Yuba College or visit www.yccd.edu/educational-services/ bog.aspx

NONRESIDENT/NON-CITIZEN TUTION. Students who do not establish California residency in accordance with state regulations (see “Residency” section), will be required to pay the Nonresident Tuition Fee of $234 per unit. Students who are both citizens and residents of a foreign country are required to pay $234 per unit.

STUDENT HEALTH FEE. All students are required to pay a $10 Student Health Fee each semester/summer session. Students who depend exclusively on prayer for healing in accordance with a bona fide religion, sect, or denomination (upon written verification from an authorized church official) are exempt from paying the Student Health Fee. This church documentation must be submitted to the office of the Vice President of Academic and Student Services for the exemption.

PARKING FEE. Students who drive vehicles on campus will pay a Parking Fee and be issued a decal. The cost is $40 per semester; $20 for summer session. As an option, students may purchase a $2 daily parking pass in lieu of a semester decal. The Parking Fee covers day and evening campus attendance. All non-student visitors may park in the General Parking Lots and must display either a valid semester parking decal or a $2 daily parking pass.

Parking fees are nonrefundable after the fourth calendar day of the fall semester.

ASSOCIATED STUDENTS OF YUBA COLLEGE (ASYC). The Associated Students of Yuba College collected a voluntary annual A.S.Y.C. Fee of $10 per year, $5 per semester for services and benefits.

TEXTBOOKS, SUPPLIES AND OTHER RELATED COSTS. All students should be prepared to purchase their own books, which are sold at the college Bookstore. Students in some health-care courses and programs (such as engineering and medicine) will probably average $560 to $700 per semester. Textbooks on WebAdvisor.

ASSOCIATED STUDENTS OF YUBA COLLEGE

Parking permits are nonrefundable after the four-week period of the semester.

Dropping before the refund deadline (Friday ending the second week of instruction for full semester classes or ten percent of a short-term class) and,

The drop(s) reduces the student’s currently enrolled unit load.

Refunds dates vary for each short-term class (see refund deadline information listed in the Schedule of Classes). Dropping before the refund deadline for the class determines whether or not a credit may be refunded.

If students paid enrollment fees and subsequently were approved for a fee waiver, there is no credit showing on the student account for which to request a refund. Contact Admissions and Records at Yuba College or the Sutter County Center.

If fees were paid by check there is a three week waiting period before the refund can be processed. If fees were paid by cash or check, the refund will be issued by check to the student.

If fees were paid by credit card or debit card, the refund will be processed through the credit card company unless the transaction is unsuccessful, in that case the refund will be issued by check to the student.

Students with questions regarding a refund in process, should contact the YCCD Fiscal Services Department at cashier@yccd.edu.

At the end of each fiscal year any credits on the student account will first be applied to other outstanding fees. Any remaining credits will be issued by refund to the student. If the student’s residency is lost or changes, the credit will be issued to the student’s current address and telephone number information through WebAdvisor or through the Admissions and Records Office.

PARKING PERMIT. Students who withdraw from classes before the fourteen-day period of the semester may apply for a refund of the Parking Permit. The parking permit must be returned to the Admissions and Records Office or cashier to qualify for the refund. At that time, the Admissions and Records Office will void the parking permit, and the refund will be issued to the student less an administrative processing fee.
Financial Aid

FINANCIAL AID

The role of the Financial Aid Office is to help eligible students pursue their educational goals. The objective is to provide funds and services to eligible students, following institutional, state and federal regulations. Financial Aid offices at Yuba College and the Sutter County Center. For questions call (530) 741-6597 or visit the website at: yc.yccd.edu/student/financialaid

Criteria and Procedures for Financial Aid

The application form to be used for most financial aid programs is the Free Application for Federal Student Aid Program (FAFSA). In order to determine "need" for financial aid funds, taxable and nontaxable income information is necessary. Funds are awarded based on this need. Income, assets, debts, size of family, and number of family members in college are important factors considered in the calculation. This information is reported on the application form and forwarded to the central processor for further processing. Supporting documentation is required based on Federal regulations.

Deadline for Filing Financial Aid Applications

Applications for each academic year are available as early as October 1st, and are processed on a first-come, first-served basis. All awards are based on student eligibility and available funds. To be able to receive Financial Aid funds, eligible students must have a complete file with the Financial Aid Office by the last day of instruction of the academic year. This may include the verification process.

Satisfactory Academic Progress

Students awarded financial aid funds are required, by Federal regulations, to make satisfactory academic progress toward the completion of their financial aid approved educational goal. The specific requirements are described and included in the Yuba College Financial Aid Guide available at the Financial Aid Office and posted on the Financial Aid web site at yc.yccd.edu. Academic Progress towards the students’ identified educational goal is required in order to continue receiving funds. Failure to make academic progress or be enrolled in required courses to achieve the educational goal may result in termination of Financial Aid.

RETURN TO TITLE 4 (RT4): Students who drop completely or withdraw from classes prior to completing 60% of the term may be required to repay any unearned federal funds to Yuba College or to the Department of Education, per Federal regulations.

Programs Available to Yuba College Students

• Scholarships. Many scholarships are available to help students meet the cost of their education. These scholarships become available through private support from individuals and organizations in the Yuba College community who have contributed to scholarship funds. Most scholarships are based on academic achievement; others are based on financial need. A complete listing of all scholarships offered, eligibility requirements, deadline dates, and application information is available in the scholarship handbook posted on the Financial Aid web site at yc.yccd.edu.

• Grants. Federal, State, and Institutional grant programs are available to eligible Yuba College students. These funds are based on financial need criteria and eligibility and paid two times per semester. Included are Federal Pell, Federal SEOG Supplemental Educational Opportunity Grant, BIA (Bureau of Indian Affairs) Grant, EOPS (Extended Opportunity Program and Services) Grant, CARE (Cooperative Agency Resources for Education) Grant, Chafee Grant, Cal Grants B and C, full-time Student Success Grant and Community College Completion Grant.

• California College Promise Grant (CCPG). Formerly known as Board of Governors Fee Waiver (BOG). The waiver of student fees provided by the CCPG Program is designed to ensure that the fee policies of the California Community Colleges (CCC) are not a financial barrier to education for any California resident or eligible non-resident. Enrollment fees for CCC students are determined annually by the Legislature and the Governor and can be adjusted whenever it is deemed appropriate. These fees are waived for needy students as defined by the CCPG program through appropriations assessed in the annual state Budget Act. The CCPG application may be completed in lieu of, or in addition to, the FAFSA or Dream Act Application to qualify for the CCPG and/or other student service programs and benefits (EOPS/CARE, etc.).

• Work Study. The Federal Work Study (FWS) Program provides jobs for eligible students awarded FWS funds as part of their financial aid package. An award offer is not a job guarantee. Call the Financial Aid Office for additional information.

• Direct Loans. Contact the Financial Aid Office for information on Student Loans.

AB 540 and the California Dream Act

The Law: AB 540 authorizes any student, including undocumented students, who meet specific criteria to pay in-state tuition at California’s public colleges and universities.

AB 540 Eligibility Requirements:

• Must have attended a California high school for 3 or more years, or
• Attained credits earned in California from a California high school equivalent to three or more years of full-time high school course work and attended a combination of middle, elementary and/or high schools in California for a total of three or more years, and
• Must have graduated from a California high school or attained the equivalent of a high school diploma (received a GED or passed the California High School Proficiency Exam);
• Must have registered or currently be enrolled at an accredited public or private institution of higher education in California;
• Must have filed or will file an affidavit stating that will apply for legal residency as soon as possible; and
• May not be a non-immigrant holding a valid lettered non-immigrant Visa 5.

AB 540 Affidavit - “California Non-Resident Tuition Exemption Request”

In order to receive the exemption from non-resident tuition, students must obtain, complete, and submit the AB 540 Affidavit to the Admissions and Records Office. Students may be required to submit additional documentation such as high school transcripts and appropriate records of high school graduation or the equivalent.

The California Dream Act

AB 130 allows students, who meet AB 540 criteria (California Education Code 68130.5(a)), to apply for and receive non-state funded scholarships for public colleges and universities; AB 131 allows students, who meet AB 540 criteria, to apply for and receive state-funded financial aid such as institutional grants, California College Promise Grant, Cal Grant and Chafee Grant. Therefore, AB 540 students are allowed to apply for the following types of financial aid:

• California College Promise Grant (CCPG) - Formerly known as the Board of Governors Fee Waiver (BOG)
• State financial aid like Cal Grants and Chafee Grants
• Assistance from EOPS, CARE or CalWORKs
• Privately-funded scholarships

If eligible for AB 540, students must:

• Contact the Admissions and Records Office to complete the Affidavit form and provide additional documentation to establish eligibility
• Contact the Financial Aid Office to determine the next steps to take
• Students who have a Social Security Number need to complete the FAFSA at: www.FAFSA.gov
• Students who do not have a Social Security Number need to submit a California Dream Act application available at: https://dream.csac.ca.gov/

As of October 5, 2017, Senate Bill 68 was approved, which expands AB 540 to enable students to count years spent at a California Community College and Adult School towards AB 540 eligibility. Additionally, the bill will allow the completion of an Associate’s Degree or satisfaction of the minimum requirements to transfer to the University of California (UC) or California State University (CSU) to meet the degree or units requirements, which expands possibilities for a student to qualify for in-state tuition and financial aid at CCCs and the CSUs.

Hope Scholarship (Tax Relief) and Lifetime Learning Credit

The Hope Scholarship is actually a tax credit, not a scholarship. Tax credits are subtracted directly from the tax which is owed, rather than reducing taxable income like a tax deduction. A family must file a tax return and owe taxes in order to take advantage of it. The Hope Scholarship credit is not refundable for families who do not pay taxes. The federal government created the Hope Scholarship to allow families the opportunity to deduct the enrollment/tuition fees paid for attending college for income tax purposes. There are federal criteria and guidelines for deducting the fees for income tax purposes; consult a tax advisor for questions.

At the end of each calendar year, Yuba College will provide an electronic Form 1098T through WebAdvisor for students who meet the required criteria (does not apply if fees were waived or paid by another agency). The 1098T statement includes payments for tuition charged during the year.

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Athletics
Yuba College is a member of the Bay Valley Conference, Northern California Football Conference, California Community College Athletic Association (CCCAA), which functions as part of the Community College League of California, and participates in men's and women's basketball, baseball, men's and women's cross country, football, men's and women's soccer, men's and women's track & field, softball, and volleyball. (Refer to page 40, “Athletic Eligibility”)

Campus Police Department
The Yuba Community College District Police Department is committed to ensuring the safety of our students, staff, faculty, and visitors. A member of our department is involved in keeping the campuses safe and secure. However, a truly safe campus can only be achieved through the cooperation of all students, employees, and visitors. The Yuba Community College District covers nearly 4,200 square miles, and currently has six educational sites in five different counties. The Police Department provides professional law enforcement services at all six educational sites.

The Police Department on the Yuba College Campus is located on Warner Hall, Building 1600. The Police Department can be reached by calling 6771 from any campus phone, dialing (530) 741-6771 or (530) 870-1158 from other phones. In case of an emergency, call 911 from any phone or use one of the many emergency phones (“Blue Phones”) located on campus. The Police Department provides the following services:

- Campus Patrols: The Yuba Community College District Police Department uses uniformed and non-uniformed officers to patrol the campuses in cars, on bicycles and on foot. These patrols are conducted on the roadways and walkways of the campuses, as well as in buildings.
- Safety Escort Service: Students who feel fearful walking on campus may request a safety escort by dialing extension 6771 from any campus phone or (530) 741-6771 from other phones. After business hours, call the Campus Police cellular phone at (530) 870-1158. Provide the YCCDPD Officer with the current location and intended destination. If on campus, the Officer will conduct patrols on foot or in a vehicle if it is practical. The YCCDPD Officer will be equipped with a cell phone at all times, using (530) 741-6771 for campuses or (530) 870-1158 for off campus areas.
- Jump Start: Police vehicles are equipped with a battery jump start system to allow officers to attempt to assist motorists who have discharged batteries. This service is provided at no charge, subject to officer availability and is performed only if the vehicle owner accepts the risk of damage. Normally there is very little risk, however officers are not trained mechanics, and from time to time damage may occur. Persons who have insurance coverage for jump start service or who do not want to accept the risk of damage should call a professional mechanic.
- Sex Offender Registration Program: The State of California requires sex offenders to register with the police in the jurisdiction in which they reside. The State makes this information available to law enforcement agencies. The information is available to the public at the local police department. State law also requires sex offenders to register with YCCDPD if they are working at one of the college campuses (including contractors) or attending classes. Sex offenders must update their registration at the beginning of each instructional semester. The Family Educational Rights and Privacy Act (FERPA) does not prohibit release of data on registered sex offenders. Police department staff registers sex offenders, as prescribed by law, and actively tracks sex offenders registered with the police department each semester. Megan’s Law allows the public to view information about “Serious” and “High Risk” sexual offenders that may be residing in their community. This enables the public to be aware of potential risks in their community. The public can then make informed decisions when taking safety precautions to protect themselves and their children from sex offenders. Visit the on-line sex offender registration web site at: http://meganlaw.ca.gov.
- Jeanne Clery Disclosure: In compliance with the Jeanne Clery Disclosure of Campus Security Policy and Crime Statistics Act, Yuba College publishes and distributes an annual security report. The report includes statistics for the previous three years concerning reported crimes that occurred on campus, in off campus buildings or property owned or controlled by Yuba College, and within public property within or immediately adjacent to the campus. The report may be obtained at the Yuba College Police Office or online at www.yuba.edu/campus-safety/campus-safety-jeanne-clery-report/

Children in Class
Attendance in a class is limited to those students who are officially registered in accordance with State and District regulations. This includes dual enrolled high school students. Children are prohibited from attending classes. Classes are limited in size, and no disruptions will be allowed in the classroom. In addition, the College assumes no liability for injuries that may occur to the child.

Clubs and Organizations
Clubs and organizations cater to and meet the academic, social, and political needs of a wide variety of students; they provide participation in extracurricular activities both on and off campus. Information concerning clubs and organizations can be obtained from the Student Council by calling (530) 741-6629 or visiting ycccd.edu. Clubs listed below may not be active during the current academic year (depends largely on student participation).

- Associated Students of Yuba College
  - Auto Club
  - Phi Theta Kappa Omega Chi Chapter
  - Psychology Club
  - Yuba College Literary Arts Club
  - Yuba College Student Veterans Association
  - Yuba College Speech Club
- Yuba College Literary Arts Club
- Yuba College Students for Economic Change
- Yuba College Speech Club
- Yuba College Student Veterans Association
- Vet Tech
- Yuba College Veterinary Technology Club

The Associated Students of Yuba College (ASYC) is the title of the official organization which controls student affairs. The Student Council, the governing body of the ASYC, provides services and social activities for students and represents students’ views and interests to the administration and Board of Trustees through participation on college committees.

Colors and Nickname
The college colors are navy blue and gold. The nickname of the college teams are the “49’ers.” The mascot is Dusty the Forty Niner.

Conduct and Discipline
If a student’s conduct violates District rules or regulations, the Code of Conduct for Students, or public laws, the student will be subject to either of the forms of “sanctions” included in the Code, which are:

- Removal from class. An instructor may remove a student from his or her class for the day of removal and the next class meeting. In the case of the Library, removal would be for the day and the next college day. The instructor shall immediately report the removal of the student to the College President or designee for appropriate action.

- A written or verbal reprimand. An admonition to the student to cease and desist from conduct determined to violate the Student Code of Conduct. Such reprimands are given in a disciplinary conference with an administrator. Written reprimands may become part of the student’s permanent record at the college. Verbal reprimands may become a part of a student’s record at the college for a period of up to one year.

- Disciplinary probation. The disciplinary authority has the discretion to impose an appropriate probatory period consistent with these procedures. A copy of the written disciplinary probation is filed in the student’s permanent file. In addition, if the student is a minor, a copy of the letter shall be sent to the student’s parent or guardian, and the parent or guardian shall be invited to confer with the college administrator imposing the discipline.
Immediate interim suspension. The suspension from one or more classes, when required to protect lives or property and to ensure the maintenance of order. A student may be placed on immediate interim suspension, fair, and equitable manner, that all students have provided a reasonable opportunity for a hearing within ten (10) days of the first day of suspension.

Short-term suspension. The suspension from one or more classes, period of up to ten (10) consecutive instructional days.

Long-term suspension. The exclusion of the student from one or more classes for more than ten (10) consecutive instructional days, or from all classes and activities of the college for one or more additional terms.

Exclusion. The exclusion of the student by the Board of Trustees from the entire college campus due to safety or other means of correction fail to bring about proper conduct, or when the presence of the student causes continuing danger to the physical safety of others. (Education Code §76030.)

A copy of the Yuba College Code of Conduct for Students may be obtained from the Office of the Vice President of Academic and Student Services and is available online on the Yuba College website under the Resources tab.

Dress Regulations
Based on the YCCD Student Code of Conduct, Yuba College District policies are intended to demonstrate maturity and exercise good judgment and taste in everyday attire. Whatever the student’s judgment, however, every individual is required to wear top and bottom clothing at all times and footwear in all campus buildings. Specific footwear may be required for specific academic courses due to safety and/or potential damage to the flooring. Additional dress regulations are imposed upon students participating in certain programs or extracurricular activities sponsored by the college.

Drug Free School Policy
The District recognizes that substance abuse is a major health problem throughout the United States. Therefore, in order to eliminate abuse, the entire college community must be involved. The single consistent message is that usage is wrong, dangerous, and will not be tolerated. Yuba College has a zero “tolerance” policy; all campuses and centers are to be alcohol and drug free.

It is the stated policy of the District to implement a comprehensive substance abuse strategy that will work more effectively in combating use and potential use of drugs by students. The policy sets forth procedures that not only expose students to awareness of the dangers of drugs and alcohol, but also encourages each individual to act to prevent the sale and use of drugs.

The following program principles have been adopted to implement this policy:

- The Student Code of Conduct, supported by Education Code Section 60041(b), prohibits the unlawful possession, use, or distribution of illicit drugs and/or alcohol by students on its property or as part of any of its activities.
- Information regarding applicable legal sanctions under local, State, and Federal law for the unlawful possession or distribution of illicit drugs and/or alcohol is available to all students through the Yuba College Campus Police Department, the Yuba College Student Health Clinic, the Student Services Department or the President’s Office.
- Educational materials regarding health risks associated with the use of illicit drugs and the abuse of alcohol are made available to all students through the Student Health Clinic. More in-depth information is available through the Chemical Dependency Program courses.
- Information regarding resources for drug or alcohol counseling and treatment are available through the Student Health Clinic.
- The Office of the Vice President of Academic and Student Services will keep records of all disciplinary actions and evaluate the consistency of all enforcement.

Music
The Music Department provides a stimulating environment, nurturing discovery, development, and recognition of the creative spirit. Students can participate in various performing ensembles including Chamber Singers, Concert Choir, Jazz Band and/or the Electronic Band or learn torike music through classes in piano, guitar or voice. More serious students of music can fulfill the required curriculum for an A.A.or A.A-T in Music and transfer to universities. Offering of courses also includes those that meet the GE requirements, including World Music, Popular Music in the U. S., Music as Culture, Music and Jazz Appreciation, and Rock Music and Culture. The Department also offers a number of public concerts for the student and the community, including Tuesday Noon Recital Series, talent show, student recitals, ensemble concerts, public outreach concerts and more.

Recording Device Usage
The use of any form of tobacco/nicotine is prohibited at all times in the following areas:

- On all owned, rented, and leased Yuba Community College District properties, grounds and buildings within the Yuba Community College District.
- In all Yuba College and Yuba Community College District owned, rented and leased vehicles and mobile equipment.

The prohibition includes but is not limited to cigarettes, pipes, hookah, electronic cigarettes and smokeless tobacco/nicotine products.

Safe Zone
Yuba College is committed to creating a safe and open environment for all students, staff, and faculty.

Yuba College pledges:

- To promote a positive learning environment free of bias, discrimination, intolerance and violence.
- To engage in civil and informed dialogue with those who may have different views.
- To recognize and respect the need for privacy and to comply with all related polices (FERPA).
- To act upon instances of bias, discrimination, intolerance or violence that are witnessed or reported.
- To feel physically safe and established a sense of community through extra campus security and consolidate evening classes to populated and common areas on campus.

Smoking and Tobacco/ Nicotine Use Policy
In the interest of public health, Yuba Community College District and its colleges became a tobacco/nicotine free campus effective August 2016. This policy applies to all employees, students, vendors, volunteers and visitors.

Use of any form of tobacco/nicotine is prohibited at all times in the following areas:

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- In all Yuba College and Yuba Community College District owned, rented and leased vehicles and mobile equipment.

This prohibition includes but is not limited to cigarettes, pipes, hookah, electronic cigarettes and smokeless tobacco/nicotine products.

Student Complaints and Grievances

Student Due Process: Complaints and Grievances
Yuba College is committed to serving students in a respectful, fair, and equitable manner. District guarantees the rights of all members of the campus community and ensure every student a fair opportunity to pursue their academic goals. The procedures described below are available to any student who reasonable believes that they have been subject to an unjust act or decision that has adversely affected his or her rights as a Yuba College student or is not in compliance with College policies or state or federal laws.

Student complaints are classified into four categories:
1) Grade changes
2) General complaints and grievances;
3) Discrimination and harassment complaints; and
4) Complaints to external agencies.

Complaint Process:
Step 1: Meet with the instructor or staff member to discuss the complaint.
Step 2: If the student is unable to resolve the concern with a faculty member, meet with the Division Dean. If the complaint is about an office or service and was not resolved, meet with the supervisor of that department to discuss the concern.

Regardless of the type of complaint and as stated in step 1 above, students are first encouraged to discuss the complaint or grievance directly with the person or department responsible for the decision or action for which they have a concern (informal resolution). Informal resolution allows the faculty or staff to hear the student’s concerns and work with the student to resolve the issue. However, a student has the right to pursue a formal complaint procedures at any time. See the specific types of complaints below for formal resolution steps.

Types of Complaints:
Grade Changes: Administrative Procedures 4231 outline the process by which a grade dispute is initiated. Applications procedures are open to any student who reasonable believes that the determination of the student’s grade is final in the absence of mistake, fraud, bad faith or incompetence (Education Code 76224). The request for a grade change must be initiated within the semester following the posting of a final grade. Students seeking a grade change should contact the instructor and request a grade change. If the instructor does not agree with the grade change request, the student should then meet with the appropriate dean. If the above process does not lead to resolution, a student has the option to submit a Grade Change Appeal form to initiate the Formal Grade Change Resolution Process by the Academic Standards Committee. The Grade Appeal Form is located at: https://yc.yccd.edu/student/student-grievance/
General Complaints and Grievances: Individuals who are dissatisfied with campus policy or procedure or with the conduct of a college employee are entitled to file a complaint. The College encourages all members of the campus community to attempt to resolve all issues informally by dealing directly with the staff and faculty involved. However, a student can file a formal Statement of Grievance form within 30 workdays of the incident or 30 workdays after the student learns of the basis for the grievance, whichever is later. Upon receipt of the Statement of Grievance, the Grievance Officer will work with the student to determine if the issue is grievable and to determine if a formal Grievance Hearing is required.

See the following documents for more information:
- Administrative Procedure 5530
- Statement of Grievance Form
- Student Code of Conduct

See Administrative Procedure 5530 (http://www.boarddocs.com/ca/yccd/Board.nsf/Read?open&id=7AE2FU200169) for the specific procedures available to any student who reasonably believes a college decision or action has adversely affected his or her status, rights or privileges as a student. The procedures shall include, but not be limited to, grievances regarding:
- Sex discrimination as prohibited by Title IX of the Educational Amendments of 1972
- Sexual Harassment
- Financial Aid
- Illegal Discrimination
- The exercise of rights of free expression protected by state and federal constitutions and Education Code Section 76120.

Discrimination and Harassment Complaints: Students, employees or others wishing to file a complaint of discrimination on the basis of ethnic group identification, religion, age, gender, sexual orientation, color, or physical or mental disability or any other category of unlawful discrimination should contact the Chief Human Resource Officer. To make an appointment call (530) 741-6978. See the following document for information:
- Administrative Procedure 3435

Complaints to External Agencies: Most complaints and grievances are resolved at the campus level. However, some issues not resolved at the campus level may be presented to the agencies below. Note that specific agencies handle certain types of unsolved complaints.

1) Institutional Compliance with Academic Program Quality and Accreditation Standards: Contact the Accrediting Commission for Community and Junior Colleges (ACCJC) at: http://www.accjc.org/complaint-process

2) Unlawful Discrimination: Contact the California Community College Chancellor’s Office at: http://californiacommunitycolleges.cccco.edu/ComplaintsForms.aspx

Theatre Arts

The Theatre Arts Department aims to provide its students with basic knowledge of the theater. Courses are integrated around the central idea of learning and producing. Work in acting technique, design, costuming, makeup, lighting, technical production, and other crafts are all taught in theory and practice in the production of a variety of plays. The Department offers several plays for students and the public during the academic year.

Title IX: Yuba College supports and complies with Title IX of the Educational Amendments of 1972 which prohibits sex discrimination in admission to, or employment in, all of its educational programs and activities. Contact the Title IX Coordinator at (530) 741-6978 or the Director of the Office for Civil Rights U.S. Department of Education, Washington DC.

Academic Regulations and Information

The College reserves the right to change any College rule or regulation, including the scheduling of courses; the requirements for graduation; the requirements for admission, degrees, and fees; and any other regulations affecting the student body. Such changed regulations will govern both old and new students and shall be effective whenever determined by the College. Failure to comply with established rules, regulations, policies, and/or procedures shall result in disciplinary action and may result in dismissal from the College. Students who feel they have extenuating circumstances which excuse them from these academic regulations should:

- Obtain a standard Student Petition from the Counseling Department/Student Services.
- Seek the advice and recommendation from a counselor.
- File the completed petition with the Counseling Department/Student Services for action by the Academic Standards Committee.

Family Educational Rights and Privacy Act (FERPA)

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. They are:

1. The right to inspect and review the student’s education records within 15 days of the day Yuba College receives a request for access.

If a student wishes to do so, the student should see a counselor to start the process. The student folder contains copies of high school and college transcripts (if they were sent to YCCD by the student) and other data that may be important for student guidance. The College transcript includes summary information from other colleges attended when those transcripts have been sent to the College for evaluation. These records are available for review by the student and the Counseling Department/Student Services administrator.

If this step does not cover the types of records requested, the student should submit to the Dean, Student Services, a written request that identifies the record(s) the student wishes to inspect. Staff will make arrangements for access and notify the student of the time and place where the record may be inspected. If the records are not maintained by Student Services, the staff shall advise the student of the correct official to whom the request should be addressed.

2. The right to request the amendment of the student’s education records that the student believes are inaccurate or misleading.

Students may ask the College to amend a record that they believe is inaccurate or misleading. The student should write the College official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it is inaccurate or misleading.

If Yuba College decides not to amend the record as requested by the student, the College official will notify the student of the decision and the student’s right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. The right to consent to disclosure of personally identifiable information contained in the student’s education records, except to the extent that FERPA authorizes disclosure without consent.

Directory information is given out only when it is necessary or appropriate to do so in the opinion of a member of the Student Services professional staff; a request to limit Directory Information must be made by a student within seven calendar days of registration. Directory information includes name, address, telephone listing, student class schedule, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height if a member of an athletic team, dates of attendance, degrees and awards received, the most recent previous educational agency or institution attended, and pictures for publicity purposes—such as this catalog and the regional newspapers. Other than directory information, which may be released, no other data from a student’s records will be released without written authorization except to authorized college personnel upon the basis of need in relation to the student’s education or in response to a lawsuit initiated by the student.

One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the College as an administrator, supervisor, instructor, or support staff member (including law enforcement unit personnel and health or medical staff); a person or company with whom the District has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing the official’s tasks.

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Academic Regulations and Information

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility. Upon request, the College discloses educational records without consent to officials of another school in which a student seeks or intends to enroll.

Other than the permanent academic College record, data is kept only as long as it is pertinent.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by Yuba College to comply with the requirements of FERPA.

The name and address of the Office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-8520

Academic Renewal

The Yuba Community College District Board of Trustees permits the alleviation of substandard (“D” and “F”) academic performance, which is shown not to be re- flective of the student’s recent performance. This policy is adopted for students who need a means of tempering their previous student’s transcript so they may success- fully accomplish an academic goal.

Academic Renewal is subject to the following conditions:

• The maximum amount of course work that may be alleviated is 30 semester units.
• Since the end of the semester to be alleviated, the student must have completed 12 semester units with a 3.0 Grade Point Average (GPA), 18 semester units with a 2.5 GPA, or 24 semester units with a 2.0 GPA. A “P” grade will count as a “C” for computing the grade point average for academic renewal purposes.

• A minimum of two semesters must have elapsed since the course work to be alleviated was recorded (Summer Session does not count as a semester).

• The student must have completed at least 12 units in residence in the YCCD.

• Under no circumstances may course work be dis- counted that has been accepted in fulfillment of require- ments for a degree or certificate.

• If the student is otherwise eligible for graduation, Aca- demic Renewal may not be used to raise the grade point average (GPA) in order to qualify for graduation with honors.

• No units that have been excluded by Academic Renewal can be reinstated.

• Course work granted Academic Renewal status may be counted, if appropriate, toward fulfillment of pre- requisites.

Transfer Credit from Other Colleges and Examinations

Students who previously attended other colleges may submit official transcripts from the colleges attend- ed. Official transcripts may be submitted via direct mail, hand carried in a sealed official envelope or electronically delivered to Yuba College Admissions and Records Of- fice. Official transcripts will be evaluated and credit ap- plied as appropriate for lower division courses completed at colleges accredited by one of the regional accrediting associations (Western Association of Schools and Col- leges, Middle States Association of Schools and Colleges, North Central Association of Colleges and Schools, Northwest Association of Colleges and Schools, and Southern Association of Colleges and Schools).

Credit is also allowed for College Level Examination Program Subject examinations, DSST examinations, and College Board Advanced Placement examinations.

Athletic Eligibility

Athletes are governed by the rules of the California Community College Athletic Association (CCCAA), the Northern California Football Conference, and by Yuba College regulations. Basic eligibility regulations are:

• All students who are continuously enrolled in a mini- mum of 12 units are eligible for initial collegiate participation. Nine units must be attempted in academic years.

• All student-athletes must complete an application form, pass physical, and instructors may report to the counselors and to the

Academic Renewal

• To participate in a second sport student-athlete must be enrolled in 12 units and have at least a 2.0 GPA, and pass 6 units in their previous full time semester.

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While catalog rights hold degree requirements, they do not apply to changes in prerequisites required in a given course. Prerequisite requirements are those stated in the “Course Descriptions” section of the current catalog. College examination units do not apply to the multicultural graduation requirement (see “Graduation Requirements”). Courses used to meet the multicultural graduation requirement and the health/PE/KINES requirement must have been approved to satisfy the requirement at the time the class was taken.

### CLEP Exam Credit Acceptance Policy

Yuba College accepts the College-Level Examination Program (CLEP) examinations for credit in appropriate courses. Assuming that an acceptable score is achieved on a CLEP examination, Yuba College grants credit in the appropriate course(s) for each examination. The table below defines the credit offered and the course equivalent for each accepted CLEP examination.

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<tr>
<th>Test</th>
<th>Semester Units Awarded</th>
<th>Equivalent Course</th>
<th>Awarded</th>
<th>Equivalent Course</th>
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<td>ENGL 3A</td>
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<td>ENGL 3A</td>
</tr>
<tr>
<td>Introduction Computer/Basic</td>
<td>3</td>
<td>ENGL 4B</td>
<td>3</td>
<td>ENGL 4B</td>
</tr>
<tr>
<td>Introduction to Computing</td>
<td>3</td>
<td>ENGL 6A</td>
<td>3</td>
<td>ENGL 6A</td>
</tr>
<tr>
<td>LifeSpan Development Psychology</td>
<td>3</td>
<td>MATH 1B</td>
<td>3</td>
<td>MATH 1B</td>
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<tr>
<td>Organizational Behavior</td>
<td>3</td>
<td>MATH 1C</td>
<td>3</td>
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<tr>
<td>Physical Geology</td>
<td>3</td>
<td>PSYCH 1B</td>
<td>3</td>
<td>PSYCH 1B</td>
</tr>
<tr>
<td>Principles of Financial Accounting</td>
<td>3</td>
<td>PSYCH 1C</td>
<td>3</td>
<td>PSYCH 1C</td>
</tr>
<tr>
<td>Principles of Physic Science</td>
<td>3</td>
<td>PSYCH 1D</td>
<td>3</td>
<td>PSYCH 1D</td>
</tr>
<tr>
<td>Principles of Public Speaking</td>
<td>3</td>
<td>LIFE 1A</td>
<td>3</td>
<td>LIFE 1A</td>
</tr>
<tr>
<td>Principles of Statistics</td>
<td>3</td>
<td>LIFE 1B</td>
<td>3</td>
<td>LIFE 1B</td>
</tr>
<tr>
<td>Principles of Supervision</td>
<td>3</td>
<td>LIFE 1C</td>
<td>3</td>
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</table>

### DSST Exams

<table>
<thead>
<tr>
<th>Subject Examinations</th>
<th>Test</th>
<th>Semester Units Awarded</th>
<th>Equivalent Course</th>
<th>Awarded</th>
<th>Equivalent Course</th>
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<tbody>
<tr>
<td>English</td>
<td>Astronomy</td>
<td>3</td>
<td>GBUS 56</td>
<td>3</td>
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<tr>
<td>College Composition</td>
<td>3</td>
<td>ENGL 1A</td>
<td>3</td>
<td>ENGL 1A</td>
<td></td>
</tr>
<tr>
<td>College Composition Modular</td>
<td>3</td>
<td>ENGL 2A</td>
<td>3</td>
<td>ENGL 2A</td>
<td></td>
</tr>
<tr>
<td>American Literature</td>
<td>3</td>
<td>ENGL 3A</td>
<td>3</td>
<td>ENGL 3A</td>
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</tr>
<tr>
<td>English Literature</td>
<td>3</td>
<td>ENGL 4A</td>
<td>3</td>
<td>ENGL 4A</td>
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</tr>
<tr>
<td>Humanities</td>
<td>6</td>
<td>ENGL 5A</td>
<td>6</td>
<td>ENGL 5A</td>
<td></td>
</tr>
<tr>
<td>Business: Financial Accounting</td>
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<td>ACCT 1A</td>
<td>3</td>
<td>ACCT 1A</td>
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<tr>
<td>Information Systems &amp; Computer 3</td>
<td>3</td>
<td>BCA 1A</td>
<td>3</td>
<td>BCA 1A</td>
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<tr>
<td>Introduction Business Law</td>
<td>3</td>
<td>GNBUS 18A</td>
<td>3</td>
<td>GNBUS 18A</td>
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<tr>
<td>Principles of Management</td>
<td>3</td>
<td>MGMT 10</td>
<td>3</td>
<td>MGMT 10</td>
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<tr>
<td>History and Social Sciences: American History I: Early Colonization to 1787</td>
<td>3</td>
<td>HIST 17A</td>
<td>3</td>
<td>HIST 17A</td>
<td></td>
</tr>
<tr>
<td>American History II: 1865 to the Present</td>
<td>3</td>
<td>HIST 17B</td>
<td>3</td>
<td>HIST 17B</td>
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<tr>
<td>Early Colonial Society</td>
<td>3</td>
<td>SOC 1A</td>
<td>3</td>
<td>SOC 1A</td>
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</tr>
<tr>
<td>History &amp; Science</td>
<td>6</td>
<td>SOC 1B</td>
<td>6</td>
<td>SOC 1B</td>
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<tr>
<td>Western Civilization: Ancient Near East to 1468</td>
<td>3</td>
<td>HIST 4A</td>
<td>3</td>
<td>HIST 4A</td>
<td></td>
</tr>
<tr>
<td>Western Civilization: 1665 to Present</td>
<td>3</td>
<td>HIST 4B</td>
<td>3</td>
<td>HIST 4B</td>
<td></td>
</tr>
<tr>
<td>Introductory Psychology</td>
<td>3</td>
<td>PSYCH 1A</td>
<td>3</td>
<td>PSYCH 1A</td>
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</tr>
<tr>
<td>Principles of Microeconomics</td>
<td>3</td>
<td>ECON 1A</td>
<td>3</td>
<td>ECON 1A</td>
<td></td>
</tr>
<tr>
<td>Principles of Macroeconomics</td>
<td>3</td>
<td>ECON 1B</td>
<td>3</td>
<td>ECON 1B</td>
<td></td>
</tr>
<tr>
<td>Sciences and Mathematics: Biology</td>
<td>3</td>
<td>BIOL 1A</td>
<td>3</td>
<td>BIOL 1A</td>
<td></td>
</tr>
<tr>
<td>Calculus</td>
<td>3</td>
<td>MATH 1A</td>
<td>3</td>
<td>MATH 1A</td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td>3</td>
<td>CHEM 1A</td>
<td>3</td>
<td>CHEM 1A</td>
<td></td>
</tr>
<tr>
<td>College Algebra</td>
<td>4</td>
<td>MATH 10L</td>
<td>4</td>
<td>MATH 10L</td>
<td></td>
</tr>
<tr>
<td>College Mathematics</td>
<td>6</td>
<td>MATH 11L</td>
<td>6</td>
<td>MATH 11L</td>
<td></td>
</tr>
<tr>
<td>Natural Sciences</td>
<td>6</td>
<td>MATH 12L</td>
<td>6</td>
<td>MATH 12L</td>
<td></td>
</tr>
<tr>
<td>Non/ab science elective for non-science major</td>
<td>4</td>
<td>MATH 13L</td>
<td>4</td>
<td>MATH 13L</td>
<td></td>
</tr>
<tr>
<td>World/Foreign Language: French Language 1</td>
<td>4</td>
<td>FRNCH 1A</td>
<td>4</td>
<td>FRNCH 1A</td>
<td></td>
</tr>
<tr>
<td>French Language 2</td>
<td>4</td>
<td>FRNCH 1B</td>
<td>4</td>
<td>FRNCH 1B</td>
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</tr>
<tr>
<td>Spanish Language 1</td>
<td>4</td>
<td>SPAN 1A</td>
<td>4</td>
<td>SPAN 1A</td>
<td></td>
</tr>
<tr>
<td>Spanish Language 2</td>
<td>8</td>
<td>SPAN 1B</td>
<td>8</td>
<td>SPAN 1B</td>
<td></td>
</tr>
</tbody>
</table>

### College Board Advanced Placement (AP) Examination Credit Acceptance Policy

Yuba College grants credit to students who have successfully completed College Board Advanced Placement examinations with scores of 3, 4, and 5. Students must submit official Advanced Placement Examination score reports to the Records and Admissions Office in order to receive credit. Credit awarded is based on Yuba College (YC), California Community College Chancellor’s Office, California State University (CSU), University of California (UC), and Intercollegiate General Education Transfer Curriculum (IGETC) policy. Specific Yuba College course credit earned through AP Examination credit will be posted on the Yuba College transcript with a “P” grade. Students may not enroll in a course for which AP credit has been granted. Course credit and units granted by Yuba College may differ from course units and credit granted by other colleges. Units listed are in semester units unless indicated otherwise. For AP examinations taken prior to Fall 2013 which are not listed below, see a counselor for information on credit that may be awarded.

<table>
<thead>
<tr>
<th>AP Exam</th>
<th>TC Course Equivalent or Elective</th>
<th>UC Quarter Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art History</td>
<td>ART 1A and Elective</td>
<td>6 A or 15</td>
</tr>
<tr>
<td>Biology</td>
<td>BIOL 10L</td>
<td>4</td>
</tr>
<tr>
<td>Calculus AB</td>
<td>MATH 1A</td>
<td>4</td>
</tr>
<tr>
<td>Calculus BC</td>
<td>MATH 1B</td>
<td>4</td>
</tr>
<tr>
<td>Chinese Language and Culture</td>
<td>N/A</td>
<td>3</td>
</tr>
<tr>
<td>Comparative Government and Politics</td>
<td>Social Science; 3 units</td>
<td>3</td>
</tr>
<tr>
<td>Computer Science A</td>
<td>Elective</td>
<td>N/A</td>
</tr>
<tr>
<td>Computer Science Principles</td>
<td>N/A</td>
<td>3</td>
</tr>
<tr>
<td>English Language and Composition</td>
<td>ENGL 1A and Elective</td>
<td>4</td>
</tr>
<tr>
<td>Environmental Science (exam taken Fall 2009 and later)</td>
<td>Social Science; 4 units</td>
<td>4</td>
</tr>
<tr>
<td>European History</td>
<td>HIST 4A and 4B</td>
<td>Social Science; 3 units</td>
</tr>
<tr>
<td>French Language and Culture (first exam taken Fall 2009 and later)</td>
<td>HUM 1B</td>
<td>3</td>
</tr>
<tr>
<td>German Language and Culture</td>
<td>N/A</td>
<td>3</td>
</tr>
<tr>
<td>Human Geography</td>
<td>Social Science; 3 units</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IGEC Area Credit</th>
<th>GE-B Area Credit</th>
<th>GE-B Area Units</th>
<th>IGETC Units</th>
<th>UC Quarter Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>3B</td>
<td>N/A</td>
<td>3</td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>3B</td>
<td>N/A</td>
<td>3</td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>3B</td>
<td>N/A</td>
<td>3</td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>3B</td>
<td>N/A</td>
<td>3</td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>3B</td>
<td>N/A</td>
<td>3</td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>3B</td>
<td>N/A</td>
<td>3</td>
</tr>
</tbody>
</table>
### Credit By Examination (Challenge)

A currently, or formerly, enrolled student may take a special examination to earn credit or to meet a prerequisite. If the challenge is at a campus or center, it must be a course offered at that campus or center. If the course is successfully challenged for credit, an appropriate letter grade will be awarded. To be eligible to challenge a course a student must:

1. Not be enrolled in the course;
2. Not have completed nor be enrolled in a more advanced course;
3. Have completed at least 12 units from Yuca College with a GPA of 2.0 or higher;
4. Have approval from the appropriate division dean and recommendation from the instructor teaching the course to be challenged.

To request a challenge, a student must submit a petition for Credit by Examination to the appropriate division dean. Credit by examination is not applicable to all courses. A course may be challenged only once unless the Dean or the Vice President determines the existence of extenuating circumstances.

### Credit For Military Experience

Upon application, the College will evaluate military records to determine if a student may be awarded elective credit for military service. The service person must have spent at least four months in active service and have a discharge other than dishonorable. These units will satisfy the Health/Physical Education/KINES graduation requirement.

College credit may be allowed for the completion of college-level courses in formal service schools in accordance with recommendations found in the Guide published by the American Council on Education.

### Exemptions from Regulations

A student wishing to claim exemption from any regulation of the College must file a written Student Petition with the Dean, Student Services, as appropriate.

### Financial Obligations

Student records will be withheld and all student/alumni privileges canceled in the case of a student failing to meet financial obligations to the College, including failure to pay Enrollment Fees. Tuition, Child Care charges; return library materials/pay library fines; return or pay for athletic equipment; pay loan or scholarship fund obligations; re-tum/replace any College equipment for which responsible.
**Academic Regulations and Information**

**Graduation Deadlines**

Yuba College has a formal graduation ceremony once a year (at the end of the spring semester).

Students earning an AA or AS degree must apply for the degree by completing a petition for graduation form in person at the Counseling Department or Admissions and Records or online. Courses may be in progress at the time of application for the degree. The deadlines are as follows: Nov. 15 for fall completion of the degree; April 15 for spring completion of the degree; July 1 for summer completion of the AA/AS degree.

Students earning an AA-T or AS-T degree must apply for the degree by completing an associate degree for transfer graduation petition form in person at the Counseling Department or Admissions and Records or online. Courses may be in progress at the time of application for the degree. The deadlines are as follows: Sept. 15 for fall completion of the degree; Feb. 15 for spring/summer completion of the degree. These dates are designed to meet California State University (CSU) deadlines for verifying eligibility for an AA-T or AS-T degree for CSU admission purposes.

**Grades and Grade Changes**

Grades awarded by faculty are final in the absence of mistake, bad faith, fraud, or incompetence. The request for a grade change must be initiated within the semester following the posting of a disputed grade. Students seeking a grade change should contact the instructor and request a grade change. If the instructor does not agree with the grade change request, the student should then meet with the appropriate dean. If the above process does not lead to resolution, a student has the option to submit a Grade Change Appeal form to initiate the Formal Grade Change Resolution Process by the Academic Standards Committee. Forms are available online at: https://yc.yccd.edu/student/student-grievance/.

**Students can obtain their grades by accessing WebAdvisor on the Yuba College website.**

**Grading**

The grading system is as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Definitions</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Excellent</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>Satisfactory</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>Less than satisfactory</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>Failing</td>
<td>0</td>
</tr>
</tbody>
</table>

**Other Notations Definition**

- **P**: Pass: The “P” is awarded for work completed at the “C” or better level. Students earn no grade points, but they do earn the units. Courses with a “P” grade are not computed in the GPA.

- **NP**: No Pass: The “NP” is awarded for work completed at the “D” or “F” level. No units are earned for work at this level. Courses with an “NP” grade are not computed in the GPA.

- **SP**: Satisfactory Progress towards completion of a noncredit course. This symbol is used for non-credit courses only and is not supplanted by any other symbol. Courses with an “SP” grade are not computed in the GPA.

- **AU**: Audit: Students do not earn units, but the notation does appear on a student’s permanent record.

**Academic Regulations and Information**

**GW Excused Withdrawal**

Excused withdrawal occurs when a student is permitted to withdraw from a course(s) due to extenuating circumstances or specific events beyond the control of the student affecting his or her ability to complete a course(s). A student must file a petition requesting this option and attach the appropriate documentation to support the extenuating circumstances or specific event. Upon review of submitted documentation and approval of the petition, a withdrawal symbol of “GW” will be assigned. Excused withdrawals will not be counted in progress probation and dismissal calculation.

For more information, contact the College Student Services Office. The “GW” symbol may be used as described in, and in accordance with, section 55024.

**W Withdrawal**

A “W” is recorded for students who officially withdraw from a course after the end of the fourth week of the semester or 30% of term (whichever is less) or 30% deadline of the course for short-term classes.

Full semester courses officially dropped after the end of the fourth week or 30% of term (whichever is less), 30% of term for short-term courses but prior to the end of the thirteenth week (75% of term for short-term courses), will result in “W” on the student’s transcript. The “W” notation indicates that the student was permitted to drop the course or was dropped by the instructor. A “W” notation carries no connotation of quality of a student’s performance and is not used in the calculation of grade point average.

Withdrawals for full semester classes after the thirteenth week of classes (end of 75% of term for short-term courses) must result in a grade other than a “W” (usually a failing grade). However, in cases of extenuating circumstances such as accident or serious illness, the student may file a petition and evidence (doctor’s excuse, hospital bill, etc.) at the Dean Service requesting permission to withdraw after the final withdrawal deadline. Although the “W” notation is not used in computation of grade point averages, excessive “W”, “NC,” “NP,” or “I” notations are considered in determining Progress Probation (see “Standards for Probation” page 50). Students are responsible for processing appropriate official forms prior to the deadlines.

**MW Military Withdrawal**

Special exemption—requires documentation. (See “Military Withdrawals” for documentation required.)
Academic Regulations and Information

Multiple and Overlapping Enrollment

A student may not enroll in two or more sections of the same credit course during the same term unless the Dean, the campus administrator, or designee approves the schedule.

The student provides a valid justification, other than schedule convenience, of the need for an overlapping schedule.

The Vice President of Academic and Student Services or designee approves the schedule.

The student makes up the overlapping hours at some other time during the same week under the supervision of the instructor of the course.

Notification of Emergency Absence

In cases where a student may be absent for four or more days, a Notification of Emergency Absence can be requested by a student from the College (in cases of accident, sickness, bereavement, etc.). Further, it is the responsibility of the student to call instructors upon returning to make up missed course work. Call the Counseling Office for Yuba College and the Admissions and Records Office at the other sites to request the Notification of Emergency Absence.

Pass/No Pass Grading

At the option of each Division and in accordance with Title 5 regulations, some courses are offered on the Pass/No Pass (satisfactory/failing) grading basis. In those cases where a single standard of performance for which unit credit is assigned, the 'P/NP' grading system shall be used to the exclusion of other grades. Units shall be assigned for meeting that standard: no units will be assigned for failure to do so. The P/NP grading is indicated in the course description section of this Catalog and Schedule of Classes.

In addition, a student in good standing may elect to take one regularly graded course, not in her or his major, each semester, on a Pass/No Pass basis. Not all courses have the ability to be taken P/NP. Courses with this option are identified with the P/NP option in the course description. The student must file the appropriate form at the Admissions and Records Office no later than the end of the fifth week (30%) of the semester or the end of 30% of class for short-term courses. Once the form is submitted, students may not select to return to regular grading.

The 'P' notation will be awarded for work completed at "C" (satisfactory) or better level. Units earned for satisfactory achievement shall be counted toward the fulfillment of degree requirements. A grade of "D" or "F" work will result in an "NP" notation for the course. In neither case will units be counted in the determination of the student's grade point average, but the "NP" will be counted in Progress Probation.

Prerequisites/Corequisites

"Prerequisite" means the preparation or previous course work considered necessary for success in a course. Prerequisites are required only for courses where specific academic background is necessary in order to assure students a reasonable chance of success in the course. Prerequisites which are listed as "required" include:

- Courses for which specific prerequisites have been validated.
- Sequential course work in a degree or program.
- Courses in which a prerequisite is necessary for transfer to a baccalaureate college. Responsibility for having met the prerequisite rests with the student.

It is the student's responsibility to be aware of and comply with the prerequisite regulations. Prerequisites are shown for each course in the Catalog and Schedule of Classes. It is the student's responsibility to check the course descriptions and not register in any class for which the prerequisite has not been completed.

"Corequisites" for a course are those courses in which a student may enroll prior to enrolling in the target course or simultaneously with the target course. Corequisites provide the necessary skill or supplementary body of knowledge or laboratory time during the course to help assure success in the course.

Students may show they have met the prerequisite/corequisite requirements through one or more of the following:

- Successful completion of the prerequisite course with a "C" or better grade.
- Appropriate placement score on the Yuba College Placement Examination.
- Official grade report or transcript from another college/school showing successful completion of the prerequisite with a "C" or better grade (requires a prerequisite verification form approval).
- Approved Prerequisite Challenge Form (Challenge Forms are available from the Counseling Office at Yuba College: Sutter County Center and Steale AFB Outreach Services, the forms are available from the campus administrator.)

Public Law 101-542 and 102-26: Student Right To Know

Completion rate: 25.09% Transfer rate: 7.18%

In compliance with the Student Right to Know and Campus Security Act of 1990 (Public Law 101-542), it is the policy of YCCD to make available its completion and transfer rates to all current and prospective students. Beginning in Fall 2013, a cohort of all certificate-, degree-, and transfer-seeking first-time, full-time Yuba College students were tracked over a three-year period. Their completion and transfer rates are above. These rates do not represent the success rates of the entire student population at the College but rather they account for student outcomes occurring after this three-year tracking period.

Standards for Probation/Dismissal

Students are subject to "Probation" and/or "Dismissal," for reasons of deficient scholarship, in accordance with the provisions of Section 55031 of Title V California Administrative Code, and this Catalog. It is the policy of the Yuba Community College District Governing Board that no student be automatically dismissed, but that the individual case of each student subject to dismissal be reviewed by the Dean, Student Services prior to invoking action.

ACADEMIC PROBATION: A student who has attempted at least 12 semester units of YCCD classes as shown by the student’s transcript shall be placed on Academic Probation when the student has earned a cumulative grade point average of less than 2.0 in grades earned.
Academic Regulations and Information

PROGRESS PROBATION: A student who has earned less than 30 units of credit or in a total of at least 12 semester units of YCCD classes as shown on the student’s transcript shall be placed on Progress Probation when the percentage of all units in which a student has enrolled and for which entries of “W,” “I,” and “NP” are recorded reaches or exceeds fifty percent (50%).

REMOVAL FROM PROBATION: A student is removed from Progress Probation when the cumulative GPA (earned in YCCD classes only) reaches 2.0 or higher. A student is removed from Progress Probation when the units of “W,” “I,” and “NP” grades drop below 50% of the accumulated units of completion as shown on the student’s transcript.

DISMISSAL: A student who is on Academic Probation shall be subject to dismissal if the student earned a cumulative GPA of less than 2.0 in all units attempted in each of 3 consecutive semesters even though a lapse of college attendance may occur between the semesters. A student who has been placed on progress probation shall be subject to dismissal if the percentage of units in which the student has been enrolled for which entries of “W,” “I,” and “NP” are recorded in at least 3 consecutive semesters reaches or exceeds fifty percent (50%). Dismissal may be postponed by the Yuba College Academic Standards Committee when evidence of academic improvement or extinguishing circumstances exists.

Students who feel they have extenuating circumstances with regard to these regulations should see a counselor and file a petition with the Academic Standards Committee. Students with disabilities may request the accommodation of the above regulations through the DSPS Office under the following circumstances:

• Students may appeal a course repetition for which entries of “W,” “I,” and “NP” are recorded in at least 3 consecutive semesters reaches or exceeds fifty percent (50%).

READEMISSION: A dismissed student may petition for readmission (on probation) after consultation with a counselor. Generally, the student must wait a semester before applying for readmission. The counselor will help the student select appropriate classes, limit the number of units of enrollment and set up a violation schedule to check the student's progress during the semester of attendance.

NOTE: Students receiving financial aid must refer to the current Financial Aid Handbook concerning Probation Status. Students receiving veteran's benefits should consult the Veterans Services Office concerning consequences of probation. All students receiving aid/benefits should consult a counselor concerning consequences of probation. Students on probation may be prohibited from receiving aid/benefits.

Repetition of Courses

Repetition of courses is conducted in compliance with California Title 5 Regulations, Sections 55040 through 55046. No course repetition procedures established by the District will conflict with Education Code Section 76224 pertaining to the retention of grades assigned by instructors, with Title 5 Section 55023, or District procedures relating to the retention and destruction of records.

For course repetition approval, the student may submit a petition to the Academic Integrity Committee at Yuba College.

(A) Course Repetition with a Substantial Grade:

Students may repeat a course up to two times in the Yuba Community College District in which a notation of D, F, NP (No Pass), or W (Withdrawal) was earned (maximum three enrollments). This regulation is effective across the district at both colleges. A student who has been enrolled in a course at Yuba College or Woodland Community College this course as on a term attempting Military Withdrawal (MW) or Excluded Withdrawal (EW) is not counted as a substantial grade nor does it count toward the repeat of a substantial grade policy.

Upon completion of the repeated course, the best grade earned will be computed in the cumulative grade point average. The lower grade will remain on the academic record, but will be coded with a symbol indicating the course has been repeated and will be disregarded in the computation of the grade point average. The student's academic record will be noted so that all work remains legible, insuring a true and complete academic history.

(B) Course Repetition without a Substantial Grade:

A course may be repeated when one of the following applies:

EXTENUATING CIRCUMSTANCES:

• A student may repeat a course when extenuating circumstances exist to justify such a repetition. Extenuating circumstances are valid cases of accidents, illness, or other circumstances beyond the student's control. This is a one-time exception.

RECEENCY REQUIREMENT:

• When the District has properly established a recency prerequisite for a course or program or another institution of higher education to which the student seeks to transfer, the District must establish a recency requirement which the student will not be able to satisfy without repeating the course in question. Grades awarded for courses repeated under this circumstance shall not be counted when calculating a student's grade point average. This is a one-time exception.

LEGALLY MANDATED TRAINING:

Students must repeat special courses listed in the college catalog to meet a legally mandated training requirement as a condition of continued paid or volunteer employment. These repetitions are not limited and are granted based on the college's verification of established legal mandates. Such courses may be repeated for credit, and the grade and units shall be included for purposes of calculating the student's grade point average. The district may claim apportionment privileges from any student or former student who repeats the course.

STUDENTS WITH DISABILITIES:

• Course repetition for students with disabilities is subject to the course repetition limitation; however, additional repeats may be individually authorized through the DSPS Office under the following circumstances:

1. When continuing success of the student in other general or special course (such as Adapted Physical Education), is dependent on additional repetitions of a specific course;

2. When additional repetitions of a specific special course are essential to completing a student’s preparation for enrollment into other regular or special course (such as Assistive Computer Technology, LEARN 155 or LEARN 156);

3. When the student has a student educational contract which involves a goal other than completion of the special course in question and repetition of the course will further assist with achievement of that goal.

The previous grade and credit shall be disregarded in the computation of grade point average each time the course is repeated.

Student Classification

I. REGISTRATION STATUS

FULL-TIME STUDENT: registered for 12 or more units of credit (4 units or more in summer session).

PART-TIME STUDENT: registered for fewer than 12 units of credit (4 units or less in summer session).

SPECIAL PART-TIME STUDENT: dual enrollment in high school under Education Code Section 76001 or 76002

II. ACADEMIC CLASS STATUS

FRESHMAN STUDENT: has earned to date fewer than 30 units of credit.

SOPHOMORE STUDENT: has earned to date 30 or more units of credit but less than 60 units of credit.

More information about transcripts is available online by logging on to the Yuba College website.

Transcripts

A student may apply for an official transcript of college courses at the Admissions and Records Office. A student in good standing may receive a transcript at any time. Two copies are furnished free by the College; additional copies are $5 each. Transcripts requested “over the counter” or a “48-hour rush mail” will require a $10 “rush” fee. Transcript fees must be paid at the time of request.

Official transcripts may be requested in person, by mail, by fax, or online. For information about transcripts, contact the Admissions and Records Office at (530) 741-7672, email ycadmissions@yccd.edu, or visit the Admissions and Records Office webpage on the Yuba College website.

Students may print out their own free “ unofficial” transcript copy online by logging on to the Yuba College website. Select WebAdvisor and follow the instructions.

Withholding of Student Records

Per Administrative Procedure 5035, the Registrar may withhold grades, transcripts, diplomas, and registration privileges from any student or former student who fails to pay a proper financial obligation to YCCD. The student will be given written notification and the opportunity to explain if the obligation is in error.

Student Definitions

• Continuing Student: A student who was enrolled in the previous semester (excluding summer session).

• First-time Student: A student who has never attended any college.

• New Student: A student who has attended YCCD but has not attended the past 3 years.

• Returning Student: A student who attended Yuba College previously, but not during the previous semester (excluding summer session) or last 3 years. If after 3 years, the student will be categorized as a new student at Yuba College.

• Transfer Student: A student who attended another institution prior to applying to Yuba College.

Transcripts may be requested in person, by mail, by fax, or online. For information about transcripts, contact the Admissions and Records Office at (530) 741-7672, email ycadmissions@yccd.edu, or visit the Admissions and Records Office webpage on the Yuba College website.
GENERAL EDUCATION AND GRADUATION REQUIREMENTS

This catalog describes the College’s graduation and transfer requirements. Not all requirements can necessarily be met at all locations where classes are offered. Students should consult the Schedule of Classes at each location to determine the types of classes available and frequency of offerings.

ASSOCIATE IN ARTS/ASSOCIATE IN SCIENCE DEGREE

The Associate in Arts or Associate in Science degree may be awarded to a student who has completed the following requirements:

REQUIREMENT 1: All students must pass the reading, writing, and mathematics competency examinations or equivalents listed below with a “C” or better grade.

COMPETENCY REQUIREMENTS:
1. Reading and Writing competency may be met by:
   a. Passing English 1A with “C” or better.
   b. Possession of an A.A., A.S., or higher degree at the time of admission to campuses within the Yuba Community College District.

   Note: Students should complete the reading and writing competency requirement within the first 30 units of credits earned.

2. Mathematics competency may be met by a “C” or better in:
   a. Any mathematics or statistics course that has Math 101 as a prerequisite; or
   b. Any higher level mathematics or statistics course.

REQUIREMENT 2: All students must complete 18 units of general education, selecting at least 3 units each from:

   A. Natural Science (Select 3 units)
   1. Art 1A, 1B, 5, 20
   2. Asian-American Studies 31
   3. English 1B, 30A, 30B, 31B, 34, 36, 37, 38, 42, 46A, 46B
   4. French 1, 2
   5. Humanities 5, 10, 11, 26A, 31, 34
   6. Music 1, 1A, 3, 12, 15, 16, 17, 18, 35
   7. Philosophy 1, 2, 20
   8. Sign Language 1, 2, 3
   9. Spanish 1, 2, 3, 4, 10, 20A, 26B, 35, 36
   10. Speech 2
   11. Theatre Arts 10, 33, 34

   B. LANGUAGE AND RATIONALITY (Select 3 units)
   1. English Composition
   2. Communication and Analytical Thinking
   3. Business/Computer Applications
   4. Computer Science
   5. Mathematics
   6. Philosophy
   7. Public/Criminal Justice
   8. Sociology
   9. Speech
   10. Statistics

   REQUIREMENT 3: All students must complete the designated degree major courses with at least a “C” or better. Majors are listed in the section headed “Degrees and Certificates” and in the Course Descriptions section of the catalog.

   REQUIREMENT 4: All students are required to successfully complete: Health 1, 4 or 13 OR two Kinesiology/Physical Education activity courses of which must be selected from the following:
   1. Kinesiology 1.21, 1.22, 1.26, 1.27, 1.34, 1.37, 1.57, 1.57B, 1.59, 1.7, 10
   2. Note: Students who will be completing degrees in Basic Police Academy, Associate Degree in Nursing, Psychiatric Technology, Radiologic Technology, or Veterinary Technology, and students who submit documentation service are exempt from this requirement. This requirement is not based on units or catalog rights. Courses listed here may also be used in Area E.

   REQUIREMENT 5: All students are required to meet the multicultural graduation requirement (MGR) by completing three or more units from the following courses or the programs listed below:
   1. Administration of Justice 19
   2. Antropology 2
   3. Art 1A, 1B, 5, 20
   4. Asian-American Studies 31
   5. Early Childhood Education 27, 31
   6. Education 1
   7. English 30A, 30B, 36, 37
   8. History 5A, 5B, 7, 14
   9. Human Services 11
   10. Humanities 5, 16, 17, 26B, 31
   11. Mathematics
   12. Music 12, 16, 17
   13. Philosophy 1, 20
   14. Political Science
   15. Sociology

   REQUIREMENT 6: All students are required to complete a minimum of 12 semester units with at least a 2.0 (“C”) grade point average in associate degree level classes at Yuba College.

   REQUIREMENT 7: Students earning an AA or AS degree must apply for the degree by completing a petition for graduation form in person at the Counseling Department or Admissions and Records or online. Courses may be in progress at the time of application for the degree. The deadlines are as follows: Nov. 15 for fall completion of the degree; April 15 for spring completion of the degree; July 1 for summer completion of the AA/AS degree.

   Note: Courses listed here may also be used in Area B, C or D.

   REQUIREMENT 8: Additional Associate Degrees.

   An Associate in Arts or Associate in Science degree is a strong general education program which fosters the following philosophy: “General Education at Yuba College is more than a set of required courses. It is a course of study designed to assist the student in beginning an effective lifelong learning process in which the interrelationships of human knowledge and experience are recognized. Embodied in this design is recognition of the student’s need to think and communicate 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; to develop the capacity for self-understanding; and to understand the issues related to and the ways in which health and well-being can be maintained.”

   Additional Associate Degrees:

   An Associate in Arts or Associate in Science degree will be awarded to those already possessing an associate degree, subject to the following conditions:

   1. All requirements in a different major from that of previous associate degree(s) must be satisfied. The major will be printed on the degree.
   2. All general education requirements in effect at the time of beginning the new degree program must be satisfied. After meeting the above conditions, a student may petition for any degree for which the graduation requirements have been met.
Transfer Requirements and Information

General Transfer Information

Yuba College offers many of the lower division (freshman and sophomore level) classes that are part of the requirements to earn a baccalaureate degree at a college or university. Yuba College students may complete all or most of their lower division general education and major preparation before transferring.

Transfer requirements and the requirements for a Yuba College Certificate of Achievement and/or Associate of Arts Degree or Associate of Science Degree program can be very different. With careful planning a student may be able to earn a certificate and/or associate degree as well as lower division major requirements. In some specific majors it is possible to earn an Associate of Arts for Transfer or an Associate of Science for Transfer degree. Therefore, the importance of reaching a decision regarding one's objectives as early as possible cannot be overemphasized.

Transfer requirements can vary among college or universities. Students are encouraged to meet with a Yuba College counselor to discuss their transfer plan and develop a comprehensive student educational plan which meets the requirements of the particular college or university to which they wish to transfer. For additional college and university transfer information, students are encouraged to meet with university representatives who periodically visit the Transfer Center, participate in Yuba College’s College Fair, access transfer admission information including college catalogs online through college, university, or system websites, attend open house or preview events, and go on Yuba College sponsored field trips to colleges and universities.

Although Yuba College assists students in preparing for transfer, it is ultimately the students' responsibility to make sure that the requirements for transfer have been met. The information and requirements in the following sections are subject to change without notice.

Articulation System Stimulating Inter-Institutional Student Transfer (ASSIST)

ASSIST is a single computerized database located at www.assist.org that provides access to articulation agreements developed between California Community Colleges, the California State Universities (CSU), and the University of California (UC). As articulation agreements are updated, so is the information maintained in ASSIST. See a counselor for assistance in how to use ASSIST.

- CSU Transferable Courses
  - These courses from a California Community College transfer to any UC campus for baccalaureate/transfer credit.
  - CSU GE-Breadth Certification Courses
    - These are courses from a California community college that apply to the CSU GE-Breadth certification requirements.
  - CSU US History, Constitution, and American Ideals Courses
    - These are courses from a California community college that satisfy the CSU graduation requirement in U.S. History, Constitution, and American Ideals.
  - IGETC for UC and CSU
    - These are courses from a California community college that apply to the Intersegmental General Education Transfer Curriculum (IGETC) requirements.
  - UC Transferable Courses
    - These courses are from a California community college that transfer to any UC campus for baccalaureate/transfer credit.
  - UC Transfer Admission Eligibility Courses
    - These courses are from a California community college that satisfy the minimum eligibility course requirements for admission to the UC.
    - By Major
      - These agreements specify courses at one college or university that fulfill lower-division major requirements/preparation at another college or university.
      - By Department
        - These agreements identify courses at one college or university that are acceptable in lieu of courses at another college or university.

Transfer to California State University (CSU)

Students who have enrolled in college beyond the summer following their high school graduation are considered transfer students and must meet transfer admission requirements.

Students who have completed fewer than 60 CSU transferable semester units (90 quarter units) at the time of transfer are considered lower division transfer students.

Students who have completed 60 or more CSU transferable semester (90 quarter or more) college units at the time of transfer are considered upper division transfer students.

These are courses from a California community college that meet the CSU upper-division transfer admission requirements. However, the highest admission priority is given to CCC students who have earned an Associate Degree for Transfer. See “Associate Degree for Transfer” for more information on the degree requirements.

Lower Division Transfer Admission Requirements:

- Transfer students with fewer than 60 semester or 90 quarter CSU transferable units must have a grade point average of 2.0 (“C”) or better in all transferable units attempted.
- Transfer students with 60 or more semester or 90 quarter transferable units must have a grade point average of 2.0 (“C”) or better in all transferable units attempted and meet one of the eligibility standards identified by CSU available on www.calstate.edu.
- Due to enrollment pressures, many CSU campuses do not admit lower division transfers. Some campuses may require lower division transfer students to complete specific college coursework as part of their admission.

Upper Division Transfer Admission Requirements:

- All students with 90 or more semester or 120 quarter units of coursework eligible for transfer to the CSU, including IGETC (CSU version) or CSU GE-Breadth
  - at least 18 units of coursework in the major or area of emphasis as defined by the California Community College AA-T or AS-T degree and with each course in the major completed with a “C” grade or better
  - a minimum cumulative GPA of 2.0 for all CSU transferable courses completed.

- Students earning an AA-T or AS-T degree must apply for the degree by the completion of their last course for transfer graduation petition form in person at the Counseling Department or Admissions and Records or online at www2.calstate.edu.

- There are limitations on the number of CSU transferable work experience credits accepted. See CSU campus.

Campuses and/or programs that are designated as impacted have additional admission criteria. Impacted campuses/programs result when the number of CSU eligible applicants received in the initial application filing period is greater than the number of students that can be accommodated by the campus or major.

Some CSU campuses have restrictions on when courses in Areas A and B4 must be completed prior to transfer.

There are limitations on the number of CSU transferable work experience credits accepted. These vary by CSU campus.

Associate Degree for Transfer Requirements

The Student Transfer Achievement Reform Act (SB 1440) established an Associate in Arts for Transfer (AA-T) or Associate in Science for Transfer (AS-T) for California community college students. The AA-T or AS-T degrees are designed to provide a clear pathway to the CSU degree major. Students who are awarded an Associate Degree for Transfer (AA-T/AS-T) degree and meet the CSU minimum admission requirements are guaranteed admission with upper division (junior level) standing to the CSU but not necessarily to the specific CSU of choice and are given priority admission consideration when applying to a CSU program that has been deemed similar to the degree earned at the student’s community college. Once admitted to CSU, the student will only be required to complete 60 additional prescribed units to qualify for the baccalaureate degree.

In order to earn an Associate Degree for Transfer (AA-T/AS-T), students must complete:

- 60 semester or 90 quarter units of coursework eligible for transfer to the CSU, including IGETC (CSU version) or CSU GE-Breadth
  - at least 18 units of coursework in the major or area of emphasis as defined by the California Community College AA-T or AS-T degree and with each course in the major completed with a “C” grade or better
  - a minimum cumulative GPA of 2.0 for all CSU transferable courses completed.

- Students earning an AA-T or AS-T degree must apply for the degree by the completion of their last course for transfer graduation petition form in person at the Counseling Department or Admissions and Records or online at www2.calstate.edu.

- Courses may be used in place of one another.

- There are limitations on the number of CSU transferable work experience credits accepted. See CSU campus.

Courses from different colleges with the same C-ID may be used in place of one another.

- C-ID
  - Common numbering system among California community colleges and California State Universities. Courses form different colleges with the same C-ID may be used in place of one another.
Transfer Preparation and Information

California State University Transfer Course List (CSU) and Credit

Yuba College courses numbered 1 through 49 are CSU transferable. Courses are identified as “Transferable to CSU” in the “Programs and Courses” section of this catalog. A maximum of 70 semester (105 quarter) CSU transferable units earned at California community colleges may be transferred to the CSU. Community college coursework completed above the 70 units may be used to meet general education (GE), elective units, or major preparation requirements even if the units will not count toward the baccalaureate degree. Transfer credit is also granted to students who successfully complete equivalent courses at other regionally accredited four-year courses or universities.

General Education-Breadth (CSU GE-B) Requirements for CSU

The CSU General Education-Breadth program allows California community college transfer students to fulfill lower division general education-breadth requirements for any CSU campus prior to transfer. This curriculum provides an alternative to the IGETC requirements and to the campus-specific GE-Breadth requirements. It is important to note that CSU GE-Breadth certification is not a minimum admission requirement, nor does completion guarantee admission to the campus or program of choice.

Up to 39 of the 48 CSU GE-Breadth units required can be transferred from and certified by a California community college. Students who are certified with 39 semester units of lower division CSU GE-Breadth courses at the CSU campus. Upon enrollment at CSU, all transfer students will be required to complete a minimum of 9 semester units of upper division general education. Students without certification may be held to the general education pattern developed for CSU students, which may vary greatly from the community college CSU GE-Breadth pattern.

For-up-to-date information on the Associate Degree for Transfer, contact a Yuba College counselor, the Yuba College Transfer Center, or visit www.calstate.edu/transfer/degrees/aa-degrees.shtml
Transfer Preparation and Information

CSU GE-B Notes:
- Additional courses may be added to the Yuba College CSU GE-B. An updated Yuba College CSU GE-B Transfer Preparation and Information Sheet may be obtained from the Counseling Office, the Transfer Center or www.asist.org.
- Courses completed at other California Community Colleges may be applied to CSU GE-B according to how they were approved at the college and semester in which they were completed.
- Students majoring in Engineering may be waived/exempted from specific areas of CSU GE-B/Breadth for some CSU campuses.
- Students majoring in Liberal Studies may be required to complete specific courses in each area of CSU GE-B/Breadth.
- Advanced Placement (AP) examinations completed with a score of 3, 4, or 5 may be applied to the CSU GE-B. See "Advanced Placement Examinations" in this catalog for information.
- A course completed with a grade of "P" (pass) may be used if the grading policy of the community college states that "P" is equivalent to a grade of "C" or better.

U.S. History, Constitution, and American Ideals Graduation Requirement for CSU

To graduate from the California State University, a student must complete, with a "C" or better grade, a combination of courses which are identified as meeting the U.S. History, Constitution, and American Ideals requirements. Courses at Yuba College which meet this requirement include:

One course from History (HIST) 15, 16A, 16B, 17A, or 17B combined with Political Science (POLSCI) 1. These courses may also be used simultaneously to satisfy course requirements on the CSU GE-Breadth or IGETC.

Advanced Placement Exam (AP) United States History (score of 3 or higher) will satisfy the US History portion of this requirement. AP US Government and Politics (score of 3 or higher) will satisfy the national government requirement portion of the California (state and local) portion requirement of Constitution and American Ideals.

Transfer to University of California (UC)

Students who have enrolled in college beyond the summer following their high school graduation are considered transfer students and must meet transfer admission requirements. The requirements described here represent minimum academic standards students must attain to be eligible for admission to UC. Meeting the minimum eligibility requirements does not guarantee admission to the campus or program of choice, which often requires students meet more demanding transfer selection.

Lower Division Transfer Admission Requirements: Students are eligible for admission with fewer than 60 UC transferable semester units (90 quarter units) completed if they meet one of the following two options:

1. Students who were eligible for admission to the university upon graduation from high school, meaning that the Subject, Scholarship, and Examination Requirements were satisfied, or students were identified by the UC during their senior year in high school as eligible under the Eligibility in the Local Context (ELC) program and completed the Subject and Examination Requirements in the senior year, are eligible to transfer if they have a "C" (2.0) grade point average in their UC transferable college coursework.
2. Students who met the Scholarship Requirement but did not satisfy the Subject Requirement must take UC transferable college courses in the subjects they are missing, earn a grade of "C" (2.0) or better grade in each of these required courses and earn an overall "C" (2.0) average in all UC transferable college coursework to be eligible to transfer.

Upper Division Transfer Admission Requirements: Students are eligible for admission with 60 or more UC transferable semester units (90 quarter units) if they fulfill both of the following criteria:

- Complete 60 semester units of UC transferable college credit with a grade point average of at least 2.4 (no more than 14 semester/21 quarter units may be taken Pass/Not Pass), and
- Complete the following seven course pattern, earning a grade of "C" (2.0) or better in each course:
  - one UC transferable college course (3 semester units) in English composition
  - one UC transferable college course (3 semester units) in mathematical concepts and quantitative reasoning or four transferable college courses (3 semester units each) chosen from at least two of the following subject areas: arts and humanities, the social and behavioral sciences, and the physical and biological sciences.

Students who complete the Intersegmental General Education Transfer Curriculum (IGETC) prior to transferring to UC will satisfy the seven course pattern of the upper division transfer admission requirements.

A maximum of 70 UC transferable semester units earned at community colleges may be transferred to the UC. Coursework completed at a community college may be used to satisfy GE and major preparation even though the units will not count toward the bachelor's degree.

UC Transfer Admission Guarantee (TAG)

Yuba College participates in the Transfer Admission Guarantee program with UC Davis, UC Irvine, UC Merced, UC Riverside, UC Santa Barbara, and UC Santa Cruz. Specific requirements must be met for students to qualify for a transfer admission guarantee. See a counselor or the Transfer Center for Transfer Admission Guarantee information.

University of California Transfer Course Agreement

Yuba College courses which have been approved for transfer to UC are specified as "Transferable to UC" in the "Programs and Courses" section of this catalog. This information may also be accessed on www.asist.org.

A number of Yuba College courses are cross-referenced (the same course is listed in more than one area, department, or discipline) with the same course number. Credit can be earned only once for cross-referenced courses. See the individual course listings in the "Course Descriptions" section of the catalog.

Course/unit limitations:
- UC grants limited credit for multiple courses taken in one discipline; credit is also limited when certain courses are taken after other courses in one discipline. See www.asist.org for additional information.
- Independent studies, special studies, and variable topics courses may be accepted for UC credit; review of the scope and content of the course usually occurs after transfer.
- Credit for KINES activity courses is limited to 4 semester units; credit for ATHL theory courses is limited to 8 semester units.

University of California Transfer Opportunity Program

The Transfer Opportunity Program (TOP) is a collaboration between UC Davis and select Northern California community colleges, including Yuba College.

TOP coordinators from UC Davis Undergraduate Admissions regularly visit participating colleges to provide counseling to students on transfer admission to UC Davis, major preparation, general education, financial aid, housing, internships and other services that are important to the student's academic success. Additionally, students participating in TOP will have opportunities to attend special academic and career seminars, tour the UC Davis campus, obtain evaluation of the UC Transfer Admission Planner and obtain assistance with guaranteed admission by completing a Transfer Admission Guarantee (TAG). Contact the Counseling Center to make an appointment with the UC TOP Coordinator.

Intersegmental General Education Transfer Curriculum (IGETC) to CSU and UC

The Intersegmental General Education Transfer Curriculum (IGETC) is a general education program that California community college transfer students may use to fulfill lower-division general education requirements for any California State University (CSU) or University of California (UC) and many California private colleges and universities. This curriculum provides an alternative to the CSU General Education-Breadth requirements, the UC GE-Breadth requirements, and many private colleges' general education requirements. It is important to note the IGETC is not an admission requirement, nor does completion of the IGETC guarantee admission to the college, university, or program of choice.

The IGETC is most helpful to students who want to keep their options open—those who know they want to transfer but have not yet decided upon a particular college, university, or major. Certain students, however, will be well served by following the IGETC. Students who intend to transfer into a major that requires extensive lower-division preparation, such as engineering or the physical and natural sciences, should concentrate on completing the major prerequisites for the major that the college evaluates to determine eligibility for admission. A counselor or a UC/CSU/private college admissions representative can advise which path is best. If students choose to follow the IGETC, they must complete it to have it fully certified otherwise they will be required to satisfy the lower-division preparation requirements of the UC/CSU/private college or university. Some campuses, however, will permit a maximum of two required courses to be used as major or transfer. Completion of the remaining requirements is required upon transfer. See a counselor or information about IGETC.

Additional courses may be added to the Yuba College Counseling Office, the Transfer Center or www.asist.org.

2018-2019 Catalog
**Transfer Preparation and Information**

**Interssegmental General Education Transfer Curriculum (IGETC)**

**2018 – 2019 Counselor Advising Sheet**

**Student’s Name:**

**Student ID:**

I certify that all the requirements in the Interssegmental General Education Transfer Curriculum (IGETC) will be met. I have not transferred to another community college or university.

**Legend:**
- C = Completed
- I = In Progress
- R = Need
- Transfer must be completed by either UC or CSU granting institution.
- Courses designated with an asterisk (*) are required to be completed at a single area.

**NOTE:** Please consult with a college counselor for additional information.

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### AREA 1 – ENGLISH COMMUNICATION (4 units; 3 courses required, one each from Area 1A, 1B and 1C; UC – 2 courses required, one each from Area 1A and 1B)

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<td>English 1A</td>
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<td>Speech 1, 3, 6, 7</td>
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### AREA 2 – MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING (1 course, 3 semester units):

- Math 1A, 1B, 1C, 2, 3, 5, 15, 20, 21, Statistics 1

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### AREA 3 – ARTS AND HUMANITIES (at least 3 courses, with at least one course from the Arts and one course from the Humanities, 9 semester units)

<table>
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<td>Advanced Placement</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Area 3B</th>
<th>Course</th>
<th>College</th>
<th>Units</th>
<th>Category</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Area 3A or 3B</th>
<th>Course</th>
<th>College</th>
<th>Units</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>College</td>
<td>Advanced Placement</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**AERA 4 – SOCIAL AND BEHAVIORAL SCIENCES** (At least 3 courses from at least 2 disciplines or an interdisciplinary sequence)

<table>
<thead>
<tr>
<th>Course</th>
<th>College</th>
<th>Units</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>College</td>
<td></td>
<td>Advanced Placement</td>
</tr>
</tbody>
</table>

**AREA 1 – PHYSICAL AND BIOLOGICAL SCIENCES** (At least 2 courses, one Physical Science course and one Biological Science course; at least 1 course must include a laboratory; 5 semester units)

<table>
<thead>
<tr>
<th>Area</th>
<th>Course</th>
<th>College</th>
<th>Units</th>
<th>Category</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Area 5B</th>
<th>Course</th>
<th>College</th>
<th>Units</th>
<th>Category</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Area 5C</th>
<th>Course</th>
<th>College</th>
<th>Units</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC - Laboratory</td>
<td>Courses with a character (*) listed in area 5A &amp; 5B denote a lab component</td>
<td>College</td>
<td>Advanced Placement</td>
<td></td>
</tr>
</tbody>
</table>

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**AREA 5 – LANGUAGES OTHER THAN ENGLISH** (5 units required)

- Proficiency equivalent to:
  - Completion of two years of high school study in the same language with a grade of "C" or better in each course.

  - Satisfactory completion, with a grade of "C" or better, of at least 60 semester credits at the sixth-grade level or higher at an institution where the language of instruction is not English.

- Satisfactory completion of the SAT 2 Subject Test in languages other than English.

- Satisfactory score, 3 or higher, on the College Board Advanced Placement examinations in languages other than English.

- Satisfactory score, 5 or higher, on the International Baccalaureate Higher Level examinations in languages other than English.

- Satisfactory completion of a course (or courses) at a college or university with a grade of "C" or better in each course.

**CSU Graduation Requirement in U.S. HISTORY, CONSTITUTION AND AMERICAN IDEALS** (6 units: one course from Group 1 and Group 2)

<table>
<thead>
<tr>
<th>Group 1</th>
<th>Course</th>
<th>College</th>
<th>Units</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group 1</td>
<td>History 15, 16A, 16B, 17A, 17B</td>
<td>College</td>
<td>Advanced Placement</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group 2</th>
<th>Course</th>
<th>College</th>
<th>Units</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group 2</td>
<td>Sociology 1, 2, 3, 4</td>
<td>College</td>
<td>Advanced Placement</td>
<td></td>
</tr>
</tbody>
</table>

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**IGETC COMPLETED:**

- California State University I.
- University of California [ ]

California State University Graduation Requirement in U.S. History, Constitution and American ideals [ ]

**Note:** CSU I is not part of IGETC. CSU I is not part of IGETC.
Transfer Preparation and Information

IGETC Notes:

• A course with a grade of “P” (pass) may be used if the grading policy of the community college states that “P” is equivalent to a grade of “C” or better. The UC will allow no more than 14 semester units taken “P” toward UC eligibility or IGETC. The CSU campuses vary on the number of units they allow. Check each university's catalog or see a counselor for more information.

• Courses may be used only once to satisfy one subject area even if they are listed in more than one subject area.

• Advanced Placement (AP) examinations completed with a score of 3, 4, or 5 may be applied to the IGETC. See “Advanced Placement Examinations” in this catalog for information.

• Courses completed at other California Community Colleges will be applied to IGETC according to how they were approved at the college and semester in which they were completed.

• Some schools and colleges within the University of California do not accept IGETC. Additional information regarding the acceptance of IGETC at specific colleges in each UC is available in online at http://www.universi- tyofcalifornia.edu admissions and on each UC's website and catalog.

California Community Colleges’ Transfer Agreement with Historically Black Colleges and Universities

California Community College students may now take advantage of a new initiative that facilitates the transfer to a number of Historically Black Colleges and Universities (HBCUs).

By completing the Intersegmental General Education Transfer Curriculum requirements (IGETC) or the California State University General Education-Breadth pattern (CSU GE-B) and obtaining a transfer-level associate degree (60 units) with a 2.5 or higher grade point average, students are guaranteed admission with junior standing to participating HBCU’s.

Students may also opt to transfer with 30 or more University of California or California State University transferable units and a 2.5 or higher grade point average. Units will be accepted for general education, pre major or elective units.

For information on the HBCU Transfer Agreement and the participating colleges and universities, visit www.cccco.edu/hbcutransfer or meet with a Yuba College counselor.

Transfer to Private/Independent and Out-of-State Colleges and Universities

Transfer requirements of the private/ independent and out-of-state colleges and universities differ from one institution to another. Students should acquaint themselves with the requirements available online and the current catalog of the college to which they plan to transfer for admission, general education, and major preparation information. It is up to the receiving institution to determine application of credit. The Yuba College Transfer Center has computers with internet access for college websites and catalogs online available for students’ use. See a Yuba College counselor for assistance.

Programs and Options

The following information provides avenues to better jobs, including Articulation Agreements, Certificates of Training, Certificates of Achievement, Associate in Science Degree and Associate in Arts Degree programs. These planned programs are a sample of the occupational-technical education available at the College.

Certificate programs cannot be completed at all locations. Consult each Schedule of Classes and a counselor before selecting a particular training program.

Career Technical Education Transitions

The Career Technical Education Transitions Program at Yuba College coordinates the awarding of college credit to high school students who meet approved articulation requirements. An articulated course is one in which the high school instructor/Regional Occupational Program (ROP) and Yuba College faculty have formally agreed that the high school's/ROPs course outline, syllabus, textbook, and final exam are comparable to those in a course of the same major within Yuba College. Students receive credit on a Yuba College transcript once articulation requirements have been completed. The CTE (Career Technical Education) Transitions Program prepares students to earn a certificate, an associate’s degree or transfer to a baccalaureate university.

For more information about the CTE Transitions Program, contact the Yuba College CTE Transitions Office at (530) 741-6588, ctetransitions@yccd.edu, visit the Admissions and Records Office at any campus, or see your counselor. Also visit the CTE Transitions website at http://www.yccd.edu/educational-services/cte/default.aspx.

Programs Articulated with ROP and Secondary Institutions

Programs listed below have at least one class articulated with area High Schools. Students should check with their counselor if they have questions about specific classes or to determine if they are eligible for college credit for courses completed at the high school level.

Accounting
• Administration of Justice
• Agriculture
• Environmental Horticulture
• Art-Applied Photography
• Automotive Technology
• Automotive Body
• Business
• Business Computer Applications
• Medical Office Skills
• Word Processing
• Culinary Arts
• Early Childhood Education
• Infant and Toddler
• Manufacturing Technology
• Nursing
• Veterinary Technology
• Welding

2018-2019 Catalog
Yuba College Degrees and Certificates

Associate in Arts for Transfer and Associate in Science for Transfer Degrees

Yuba College offers both the Associate in Arts for Transfer and Associate in Science for Transfer. See page 55 and 69 for details about the degree requirements.

Associate in Arts and Associate in Science Degrees

Yuba College offers both the Associate in Arts and the Associate in Science degrees. Students planning to obtain an associate degree must complete all the required courses for a major (18 to approximately 34 units), minor, or career field on their certificate. Check with counselors and individual departments regarding requirements.

Certificates of Achievement and Certificates of Training

Certificate programs are designed to provide students a broad understanding of the occupational programs that Yuba College offers both the Associate in Arts and the Associate in Science for Transfer. See page 55 and 69 for details about the degree requirements.

Administration of Justice

Degree: A.S.-Administration of Justice
A.S.-Law Enforcement
A.S.-Administrative Assistant
A.S.-Paralegal

Certificates of Achievement:
Basic Policing
Reserve Training Module I Academy
Reserve Training Module II Academy
Special Investigator Academy

Agriculture

Degree: A.S.-Agriculture

Certificates of Achievement:
Agricultural Business

Art

Degree: A.A.-Art
A.A.-T.-Studio Arts
A.S.-Commercial Art
A.S.-Photographic Imaging

Certificates of Achievement:
Photographic Imaging

Automotive Technology

Degree: A.S.-Auto Body and Repair
A.S.-Master Mechanic
A.S.-Tune-Up and Driveability

Certificates of Achievement:
Auto Body Repair
Automotive Drive Trains
Master Mechanic
Tune-Up and Driveability

Biology

Degree: A.S.-Biology
A.S.-T-Biology

Business

Degree: A.S.-Accounting
A.S.-Administrative Assistant
A.S.-Business Administration
A.S.-Business Computer Applications
A.S.-General Business Management
A.S.-Legal Office Skills
A.S.-Medical Office Skills
A.S.-Personnel Management
A.S.-Small Business Management
A.S.-Word Processing
A.S.-T-Business Administration

Certificates of Achievement:
Accounting
Administrative Assistant
Business Computer Applications
Retail Management
Small Business Management

Certificate of Training:
Business Computer Applications

Chemistry

Degree: A.S.-Chemistry
A.S.-T-Chemistry

Communications Studies (See Speech)

Computer Science

Degree: A.S.-Computer Science
A.S.-T-Computer Science

Certificate of Achievement:
Computer Science

Cosmetology

Degree: A.S.-Cosmetology

Certificate of Achievement:
Cosmetology

Culinary Arts

Degree: A.S.-Culinary Arts

Certificate of Achievement:
Culinary Arts

Early Childhood Education

Degree: A.S.-Early Childhood Education
A.S.-T-Early Childhood Education

Certificates of Achievement:
Child Development Teacher
Diversity in ECE
Infant and Toddler
Children with Special Needs Specialization
Childcare Site Supervisor
Transitional Kindergarten and Early Education
School Age Specialization

Certificates of Training:
Child Development Associate Teacher
Pediatric First Aid/CPR

Emergency Medical Technology

Certificates of Training:
EMT-1
EMT-1 Refresher

English

Degree: A.A.-English
A.A.-T-English

Fire Technology

Degree: A.S.-Fire Technology
A.S.-Fire Technology-Fire Academy

Certificates of Achievement:
Fire Technology
Fire Fighter Fire Academy

Certificates of Achievement:
First Responder

General Education

Degree: A.A.-Arts and Humanities
A.A.-Communication
A.S.-Natural Science
A.S.-Social and Behavioral Sciences

History

Degree: A.A.-History
A.A.-T-History

Human Services

Degree: A.S.-Chemical Dependency Counselor

Certificates of Achievement:
Chemical Dependency Counselor

Yuba College Degrees

Docent Degrees

Yuba College offers Docent Degrees for those interested in teaching. These degrees are designed to provide a solid foundation for students interested in teaching at the college level.

Certification: Associate in Arts

1. Associate in Arts in Social Science
2. Associate in Arts in Humanities
3. Associate in Arts in Business

Yuba College offers both the Associate in Arts and the Associate in Science degrees. Students planning to obtain an associate degree must complete all the required courses for a major (18 to approximately 34 units), minor, or career field on their certificate. Check with counselors and individual departments regarding requirements.

Certificates of Achievement and Certificates of Training

Certificate programs are designed to provide students a broad understanding of the occupational programs that Yuba College offers both the Associate in Arts and the Associate in Science for Transfer. See page 55 and 69 for details about the degree requirements.

Administration of Justice

Degree: A.S.-Administration of Justice

Certificates of Achievement:
Basic Police Academy
Reserve Training Module I Academy
Reserve Training Module II Academy
Special Investigator Academy

Agriculture

Degree: A.S.-Agriculture

Certificates of Achievement:
Agricultural Business

Art

Degree: A.A.-Art
A.A.-T-Studio Arts
A.S.-Commercial Art
A.S.-Photographic Imaging

Certificates of Achievement:
Photographic Imaging

Business

Degree: A.S.-Business Administration
A.S.-Business Computer Applications
A.S.-General Business Management
A.S.-Legal Office Skills
A.S.-Medical Office Skills
A.S.-Personnel Management
A.S.-Small Business Management
A.S.-Word Processing
A.S.-T-Business Administration

Certificates of Achievement:
Accounting
Administrative Assistant
Business Computer Applications
Retail Management
Small Business Management

Certificate of Training:
Business Computer Applications

Chemistry

Degree: A.S.-Chemistry

Communications Studies (See Speech)

Computer Science

Degree: A.S.-Computer Science

Certificate of Achievement:
Computer Science

Cosmetology

Degree: A.S.-Cosmetology

Certificate of Achievement:
Cosmetology

Culinary Arts

Degree: A.S.-Culinary Arts

Certificate of Achievement:
Culinary Arts

Early Childhood Education

Degree: A.S.-Early Childhood Education
A.S.-T-Early Childhood Education

Certificates of Achievement:
Child Development Teacher
Diversity in ECE
Infant and Toddler
Children with Special Needs Specialization
Childcare Site Supervisor
Transitional Kindergarten and Early Education
School Age Specialization

Certificates of Training:
Child Development Associate Teacher
Pediatric First Aid/CPR

Emergency Medical Technology

Certificates of Training:
EMT-1
EMT-1 Refresher

English

Degree: A.A.-English
A.A.-T-English

Fire Technology

Degree: A.S.-Fire Technology
A.S.-Fire Technology-Fire Academy

Certificates of Achievement:
Fire Technology
Fire Fighter Fire Academy

Certificates of Achievement:
First Responder

General Education

Degree: A.A.-Arts and Humanities
A.A.-Communication
A.S.-Natural Science
A.S.-Social and Behavioral Sciences

History

Degree: A.A.-History
A.A.-T-History

Human Services

Degree: A.S.-Chemical Dependency Counselor

Certificates of Achievement:
Chemical Dependency Counselor

Yuba College Degrees

Docent Degrees

Yuba College offers Docent Degrees for those interested in teaching. These degrees are designed to provide a solid foundation for students interested in teaching at the college level.

Certification: Associate in Arts

1. Associate in Arts in Social Science
2. Associate in Arts in Humanities
3. Associate in Arts in Business
Programs and Options

Kinesiology
Degree: A.S.-T.Kinesiology
A.S.-Physical Education

Manufacturing Technology-Machining
Degree: A.S.-Manufacturing Technology/Machining

Certificate of Achievement: Manufacturing Technology/Machining

Mass Communications
Degree: A.A.-Mass Communications
A.S.-Mass Communications

Certificate of Achievement: Mass Communications

Mathematics
Degree: A.S.-Mathematics
A.S.-T-Mathematics

Music
Degree: A.A.-Music
A.A.-T-Music

Nursing
Degree: A.D.N.-Nursing
A.S.-LVN to RN

Political Science
Degree: A.A.-T-Political Science

Psychiatric Technology
Certificate of Achievement: Psychiatric Technician

Psychology
Degree: A.A.-Psychology
A.A.-T-Psychology

Radiologic Technology
Degree: A.S.-Radiologic Technology

Social Science
Degree: A.A.-Social Science

Sociology
Degree: A.A.-T-Sociology

Speech
Degree: A.S.-Communication Studies
A.A.-T-Communication Studies

Theatre Arts
Degree: A.A.-T-Theatre Arts

Veterinary Technology
Degree: A.S.-Veterinary Technology

Certificates of Achievement: Veterinary Recipient/Assistant

Welding
Degree: A.S.-Welding Technologies

Certificates of Achievement: Welding Technologies
Advanced Welding Technologies

Associates Degrees for Transfer

Requirements for the Associate in Arts for Transfer (AA-T) or Associate in Science for Transfer (AS-T)

Requirements for the Associate in Arts for Transfer Degree (AA-T) or an Associate in Science for Transfer Degree (AS-T) for admission into the California State University (CSU) system for completion of a baccalaureate degree. Completion of an AA-T or AS-T Degree allows a student to complete an Associate Degree and CSU Transfer requirements at the same time.

This option will allow a student to earn a 120 unit baccalaureate degree by completing 60 transferable units at the community college level and transferring to a CSU campus to complete an additional 60 units.

In order to earn an AA-T or AS-T Degree, a student must refer to the specific degree pattern in the "Programs and Courses" section of the catalog and complete the courses required in the major with no grade of less than a "C" in any course. In addition, a student must complete one of two general education patterns for transfer, the California State University General Education Breadth (CSU GE-B) or the Intersegmental General Education Transfer Curriculum (IGETC-CSU version). The CSU GE-B or IGETC for STEM may be completed only when specifically stated as acceptable for the Associate Degree for Transfer. Courses used to satisfy Oral Communication, Written Communication, Critical Thinking, and Quantitative Reasoning of General Education must be completed with a "C" or better grades. If necessary, a student may need to complete transferable elective credit to ensure that CSU 60 transferable units have been completed with a minimum grade point average (GPA) of 2.0.

Students earning an AA-T or AS-T Degree must apply for the degree by completing a petition for graduation form in person at the Counseling Department or Admissions Records or online. Courses may be in progress at the time of application for the degree. The deadlines are as follows: Nov. 15 for fall completion of the degree; April 15 for spring completion of the degree; July 1 for summer completion of the AA/AS degree.

Commencement

The College holds the graduation ceremony once a year (end of May) and students who wish their name to appear in the graduation program must submit their Petition by April 15. Students completing a degree the prior fall semester may participate in graduation ceremonies the previous spring. Students completing a degree in the summer may participate in graduation ceremonies the previous spring or subsequent spring. These students who decide to participate the prior spring must submit their petition to graduate early by April 15 to have their name in the graduation program.

Certificate of Achievement

Courses taken to satisfy requirements for a Certificate of Achievement provide a core set of courses in an occupational area and usually some additional related classes. This goal requires more time and commitment, than a Certificate of Transfer but better qualifies the student for employment. The Certificate of Achievement requires 12 or more units and may be completed in one to two years. Certificates of Achievement are printed on the student’s transcript. NOTE: All courses required for the Certificate of Achievement must be completed with a "C" or better grade.
Programs and Options

Certificate of Training

Each department is authorized to recommend short-term training program options and students are encouraged to plan and pursue short-term occupational goals. Certificates of Training are less than 18 units in length. Some certificates can be completed in as little time as one semester; others may require a longer period depending on the frequency of course offerings or the student’s time commitment. NOTE: All courses required for the certificate must be completed with a “C” or better grade.

Certificates of Training are not listed on the student transcript.

Applying for Certificate of Achievement (CA) and a Certificate of Training (CT)

• After completing all requirements for the certificate, with “C” or better grades, the student obtains a Petition for Certificate Card from the Admissions and Records Office.
• The student completes the petition and files it with the Admissions and Records Office.
• The Admissions and Records Office sends the petition and a copy of the student’s transcript to the appropriate Dean.
• The Dean verifies eligibility for the CA or CT. If eligible for the CA or CT, the Dean mails the certificate to the student.
• The Admissions and Records Office posts the approved CA on the student’s official transcript. (CT’s are not posted to the official transcript).

Course Information

Admission to Courses

OPEN ENROLLMENT POLICY

All courses, regardless of where offered, are open to members of the public who are otherwise eligible for admission, with the following exceptions:
• Courses that are specifically exempted by statute, including “impaired” allied health programs (Radiologic Technology, Veterinary Technology, Associate Degree Nursing, Psychiatric Technician, etc.);
• Courses closed by maximum enrollment of students by the “priority registration” or “first come, first served” registration policies;
• Courses with academic requisites (prerequisites and corequisites) that restrict enrollment of academically unqualified students; and
• Courses with content that would be a repeat of a course of equivalent or more advanced course work previously taken by the student (exceptions require counselor evaluation and approval).

PREREQUISITES AND COREQUISITES

“Prerequisite” means the preparation or previous course work considered necessary for success in the course. Prerequisites are required only for courses where specific academic background is necessary in order to assure students a reasonable chance of success in the course. Prerequisites which are listed as “required” include:
• Courses for which specific prerequisites have been validated;
• Sequential course work in a degree or program, or
• Courses in which a prerequisite is necessary for transfer to a four-year college.

Responsibility for having met the prerequisite rests with the student. A grade of “C” or better is required to meet a course prerequisite.

“Corequisites” for a course are those courses in which a student may enroll prior to enrolling in the target course or simultaneously with the target course. Corequisites provide the necessary skill or supplementary body of knowledge or laboratory time during the course to help assure success in the course.

For additional information, refer to the Academic Regulations and Information, Prerequisites and Corequisites on page 48.

C-ID Course Identification Numbering System

C-ID is a supplemental common course numbering system aimed at helping students and faculty identify courses across CCC’s and CSU’s that fulfill associate or baccalaureate degree requirements. ASSIST reports include designations for approved courses.

C-ID designations can be used in two ways:

1. When a community college course has a C-ID designation, such as C-ID HIST 130, that course can be used in place of any other California community college course that has that same C-ID designation for the purpose of fulfilling associate degree and associate degree for transfer major requirements.

2. Additionally, universities can indicate C-ID designations accepted for lower division major preparation requirements. For example, a university can indicate for its history major that C-ID HIST 130 fulfills a particular major preparation requirement, so any California community college course with the C-ID HIST 130 designation will be accepted to fulfill that requirement. Yuba College courses approved for C-ID include the C-ID designation below the transfer status in the course description.

Placement Examination scores, in combination with other factors, are used to help place students in one of Yuba College’s levels of writing and mathematics. After satisfactorily completing the appropriate course(s), students may progress by enrolling in the course at the next higher level. Students should consult with a counselor for an evaluation of placement scores and discussion of other factors that affect placement. Refer to “Placement Levels” in this Catalog.

Placement Levels for English and Mathematics

C-ID Course Identification Numbering System

C-ID is a supplemental common course numbering system aimed at helping students and faculty identify courses across CCC’s and CSU’s that fulfill associate or baccalaureate degree requirements. ASSIST reports include designations for approved courses.

C-ID designations can be used in two ways:

1. When a community college course has a C-ID designation, such as C-ID HIST 130, that course can be used in place of any other California community college course that has that same C-ID designation for the purpose of fulfilling associate degree and associate degree for transfer major requirements.

2. Additionally, universities can indicate C-ID designations accepted for lower division major preparation requirements. For example, a university can indicate for its history major that C-ID HIST 130 fulfills a particular major preparation requirement, so any California community college course with the C-ID HIST 130 designation will be accepted to fulfill that requirement. Yuba College courses approved for C-ID include the C-ID designation below the transfer status in the course description.

For additional information, refer to the Academic Regulations and Information, Prerequisites and Corequisites on page 48.
**Course Information**

**Key to Numbers and Listings**

Content and policies expressed in this Catalog are believed to be true and correct as of the date of publication. Courses are listed alphabetically by department and numerically within the listing of each department. Units of credit are shown immediately following the course title.

Any course listed in this Catalog may be offered in the fall, spring and summer session including day and evening, distance education and any location associated with Yuba College. Scheduling and cancellation of classes is at the discretion of Yuba College.

Students should consult the Schedule of Classes to determine which courses will be offered during a given semester. Any course listed in the Schedule of Classes may be canceled when the enrollment is insufficient to justify offering the class or instructor is not available.

Course “97”, “197” or “297”

Refer to page 118.

**Course Numbering**

**JULY 1, 1974 TO JUNE 30, 1989:**

1-49 Series: Designed as Admissions List courses intended to carry transfer credit to all baccalaureate degree-granting colleges and universities.

50-99 Series: Transfer credit is at the discretion of the institution to which the student transfers. Not primarily designed for transfer purposes, but taught at the level and of such quality that acceptance is recommended at any college or university offering such course work or offering programs in which such course work will be appropriate.

100-199 Series: Non-associate degree credit basic skills courses intended to prepare students to succeed in courses at the associate degree level.

200-299 Series: Non-associate degree credit courses that are either, (1) vocational courses intended to prepare students for postsecondary vocational education or for occupations not requiring associate degree level skills for entry or, (2) academic development courses, other than basic skills, intended to prepare students to succeed in associate degree level course work.

500 Series: Noncredit courses sometimes referred to as "Adult Education Courses".

Repeatable Classes

Courses designated as "repeatable" are identified as such in the College Catalog and Schedule of Classes following the course description. For these courses the grade received each time is calculated in the student’s grade point average.

Courses designated as repeatable include:

1. Intercollegiate athletics where enrollment in the course is limited to no more than four times;
2. Cooperative work experience courses up to a maximum of 16 units in any combination of Work Experience (Occupational/General) and Internship enrollments; Courses for which repetition is necessary to meet the major requirements of CSU or UC for completion of a bachelor’s degree. The District will retain supporting documentation that verifies that the repetition is necessary to meet the major requirements.

**JULY 1, 1983 TO JUNE 30, 1989:**

A maximum of 6 semester units of courses numbered 100 to 199 can be counted toward the associate degree.

**CURRENT COURSE NUMBERING DEFINITIONS:**

- **1-49 Series**: Designed as Admissions List courses intended to carry transfer credit to all baccalaureate degree-granting colleges and universities.
- **50-99 Series**: Transfer credit is at the discretion of the institution to which the student transfers. Not primarily designed for transfer purposes, but taught at the level and of such quality that acceptance is recommended at any college or university offering such course work or offering programs in which such course work will be appropriate.
- **100-199 Series**: Non-associate degree credit basic skills courses intended to prepare students to succeed in courses at the associate degree level.
- **200-299 Series**: Non-associate degree credit courses that are either, (1) vocational courses intended to prepare students for postsecondary vocational education or for occupations not requiring associate degree level skills for entry or, (2) academic development courses, other than basic skills, intended to prepare students to succeed in associate degree level course work.
- **500 Series**: Noncredit courses sometimes referred to as "Adult Education Courses".

**Unit of Credit**

The unit of credit is the semester hour. One unit of credit is granted for each hour of lecture or discussion, two-to-three hours of laboratory, or two hours of activity per week, for a 18-week semester. For most courses, students will be expected to spend a minimum of two hours out of class in preparation or study for each unit of credit.

Credit is allowed only upon satisfactory completion of a course; no partial units of credit are allowed when the student withdraws prior to completion of the course except in open-entry, open-exit, courses.

**Transfer Status Designation**

As indicated previously, the course number system is a guide to course transferability. In addition, the status of a transfer course is indicated next to the course title. If the course is transferable, the designator “Transferable” appears. “Transferable to: CSU” indicates that the course credit transfers to all of the California State Universities. “Transferable to: CSU; UC” indicates that the course credit transfers to all of the California State Universities and all of the University of California campuses. If the designator “unit limitation” appears (i.e., Transferable to: CSU; UC unit limitation), the transferability of the units to the University of California are limited in some way when combined with other courses in the discipline. Questions concerning these courses should be directed to a counselor.

As indicated previously, the course number system is a guide to course transferability. In addition, the status of a transfer course is indicated next to the course title. If the course is transferable, the designator “Transferable” appears. “Transferable to: CSU” indicates that the course credit transfers to all of the California State Universities. “Transferable to: CSU; UC” indicates that the course credit transfers to all of the California State Universities and all of the University of California campuses. If the designator “unit limitation” appears (i.e., Transferable to: CSU; UC unit limitation), the transferability of the units to the University of California are limited in some way when combined with other courses in the discipline. Questions concerning these courses should be directed to a counselor.

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Administration of Justice

Administration of Justice offers academic, degree, and certificate programs designed for entry into law enforcement, corrections, and related fields, and for already employed persons to further themselves academically and vocationally.

Yuba College offers:
- Academies for direct entry into employment. All academies and inservice training are P.O.S.T. and/or S.T.C. certified, meeting California State regulations for law enforcement.
- An Associate in Science Degree Program for students planning to enter law enforcement, corrections, or a related area after two years of course work (see specific degree requirements).
- A Transfer Program intended for students wishing to pursue a bachelor’s degree.
- Inservice programs providing specific courses suited to the individual needs of those currently employed by a criminal justice agency.

General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students earning an AA-T/AS-T degree must complete 60 semester units of plus 3 units from the following:

Total units required for degree major ....................................................... 21

Students earning an AA-T/AS-T degree must complete 60 semester units of any CSU transferable Administration of Justice discipline that are articulated as lower division major preparation for the Criminal Justice or Criminology Major at any CSU.

Students earning an AS-T degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

LAW ENFORCEMENT (Associate in Science)

Students who complete this program should be able to:
1. Explain appropriate investigative techniques and responsibilities at a crime scene to demonstrate mastery of crime scene management.
2. Identify law enforcement organizational components to include police operations, but not limited to, the critical thinking required of a law enforcement officer.
3. Explain the roles of the community in a partnership with law enforcement including, but not limited to, critical thinking required of a law enforcement officer.
4. Develop the functional relationship between Corrections and Law Enforcement, but not limited to, critical thinking required of a law enforcement officer.
5. Demonstrate an understanding of Corrections to difficulties in society, based on factors from the neighborhood, the home, and the individual.

General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

BASIC POLICE ACADEMY (Certificate of Achievement)

Students who complete this program should be able to:
1. Explain appropriate investigative techniques and responsibilities at a crime scene to demonstrate mastery of crime scene management.
2. Identify law enforcement organizational components to include police operations, but not limited to, critical thinking required of a law enforcement officer.
3. Explain the roles of the community in a partnership with law enforcement including, but not limited to, critical thinking required of a law enforcement officer.
4. Develop the functional relationship between Corrections and Law Enforcement, but not limited to, critical thinking required of a law enforcement officer.

Students earning an AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.
C-ID AJ 110 Overview of the history and philosophy of the U.S. justice system; study of the modern criminal justice system and its components, law enforcement, courts, and corrections; identifying the roles of the various professionals within the system and their interrelationships; analysis of legal issues; study of theories of crime causation, punishment, and rehabilitation. (L)

AJ 11 Criminal Law 3 units

54 lecture hours Transferable to CSU/UC C-ID AJ 120

This course provides an analysis of the history, philosophy, and constitutional provisions of criminal law in the United States; study of common law, statutory law, and case law applicable to law enforcement, including exploration of crimes against persons, property, public peace, narcotics, and dangerous weapons. Special emphasis is placed on the classification of crimes, the general elements of crime, and the definitions of common and statutory law. This course also includes information on prosecution and defense procedure, including criminal defenses, legal justifications, and burdens of proof. This course utilizes case law and case studies to introduce students to criminal law. (L)

AJ 13 Evidence 3 units

54 lecture hours Transferable to CSU C-ID AJ 124

This course examines categories of evidence and legal rules governing its admission and exclusion in the criminal process: the origin and development of evidentiary law; and the study of both codified evidentiary law and applicable court decisions. Specific topics include, types of evidence, the judicial process, the admission and exclusion of evidence, legal standards of proof, direct and circumstantial evidence, testimonial and demonstrative evidence, and witness competency. The hearsay rule and its exceptions, demonstrative evidence, judicial notice, and issues relating to search and seizure. (L)

AJ 14 Criminal Justice Process 3 units

54 lecture hours Transferable to CSU C-ID AJ 122

Analysis of legal processes from pre-arrest through trial and appeal, sentencing, and corrections procedures utilizing statutory law and state and constitutional law precedents. (L)

AJ 15 Criminal Investigation 3 units

54 lecture hours Transferable to CSU C-ID AJ 140

Addresses procedures and concepts as applied to criminal investigations, including surveillance; crime scene response management; and identification, collection, and processing of physical evidence. Covers U.S. Constitution and Statutory Code; Case Law; interview/interrogation processes and techniques; identifying information sources; procuring search warrants; serving search warrants; exceptions to the search warrant rule, and court process. Emphasis is placed on developing the students capacity to analyze specific situations and identify sound ethical investigative procedures. (L)

AJ 16 Police Operations 3 units

54 lecture hours Transferable to CSU

Phylosophy, functions, organization, duties, and analysis of police operational functions including public service responsibilities and special police problems. (L)

AJ 19 Multicultural Communities 3 units

54 lecture hours Transferable to CSU/UC

This course is an examination of the origin, development, and the Justice System in the American Justice system; organization, function, and the Justice System. Students will be introduced to the concept of multicultural representation in law enforcement, cross-cultural communication, community, policing, and restorative justice principles. (L)

AJ 20 Juvenile Law and Procedures 3 units

54 lecture hours Transferable to CSU C-ID AJ 220

This course is an examination of the origin, development, and organization of the Juvenile Justice System as it evolved in the American Justice System. The course explores the theories that law enforcement, courts and processes, and the constitutional protections extended to juveniles admitted to the American Justice System; organization, function, and jurisdiction of juvenile agencies; processing and detention of juveniles, juvenile case disposition, legal statutes, and court procedures. (L)

AJ 21 Narcotics and Drugs 3 units

54 lecture hours Transferable to CSU

Analysis of narcotics and drugs, the physical effects of addiction, and the sociological problems of drug abuse. Students will be introduced to the concept of substance abuse and dependence, the definition of illicit and illicit drugs, and the pharmacologic, neurologic and physiologic effects of selected substances on the human brain. Physical, social and economic factors involved in the supply and demand for drugs will be discussed. Epidemiologic data on the prevalence, incidence, and trends of smoking, alcohol, prescription and other drug dependencies in the U.S. will be covered, as well as risk factors associated with the use and abuse of these substances. Current options for recovery and a survey of local resources will be reviewed. (L)

AJ 30 Introduction to Corrections 3 units

54 lecture hours Transferable to CSU

This course provides the history, philosophy, and overview of corrections including parole, probation, and criminal institutions; critical analysis of punishment, the various types of punishment, alternatives to punishment, and the impact of punishment; a critical examination of the types of correctional institutions and the clients housed in each institution, and an examination of contemporary correctional issues. (L)

AJ 31 Criminal and Delinquent Behavior 3 hours

Transferable to CSU

An introduction to the study of criminology and crime causation; explores the causes of crime and delinquency by analyzing various social, psychological, and cultural factors. This course introduces the student to the study of major types of criminal behavior, patterns of career offenders, and factors which contribute to the production of criminality and delinquency. (L)

AJ 33 Introduction to Correctional Counseling 3 units

54 lecture hours Transferable to CSU

History, objectives, and theories of counseling relevant to corrections; common methods, techniques, and interventions of counseling; understanding the client as a person. A basic course for students planning to enter or are already employed in the Corrections field. (L)

AJ 34 Correctional Treatment Programs 3 hours

54 lecture hours Transferable to CSU

The study of correctional treatment programs concerning both offenders and adults, in both the carcass setting and in a custody institution. This is a basic course for students planning to enter or who are already employed in the corrections field. (L)
<table>
<thead>
<tr>
<th>Programs and Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AJ 50A</strong> Reserve Training Level I 5.5 units</td>
</tr>
<tr>
<td><strong>Module III</strong></td>
</tr>
<tr>
<td>94 lecture hours, 30 lab hours</td>
</tr>
<tr>
<td>Other: Medical/Physician's Clearance; Health/History, Par-Q.</td>
</tr>
<tr>
<td>Corequisite: Concurrent enrollment or satisfactory completion of: AJ 50B</td>
</tr>
<tr>
<td>This course is designed to meet the new Peace Officer Standards and Training (POST) requirements for the Regular Basic Course (Modular Format), Level III Reserves as of July 2008. This is the first of three modules to complete the POST Basic Police Academy, extended format. (L)</td>
</tr>
<tr>
<td><strong>AJ 50B</strong> Reserve Training Level I 2.5 units</td>
</tr>
<tr>
<td><strong>Module III</strong></td>
</tr>
<tr>
<td>36 lecture hours, 28 lab hours</td>
</tr>
<tr>
<td>Other: Department of Justice Fingerprint Clearance. Current PC 832 Training including Firearms (AJ 54 A/B), Medical, Physician's Clearance.</td>
</tr>
<tr>
<td>Corequisite: Concurrent enrollment or satisfactory completion of: AJ 50A</td>
</tr>
<tr>
<td>This course is designed to meet the new Peace Officer Standards and Training (POST) requirements for the Regular Basic Course (Modular Format), Level III Reserves as of July 2008. This course is Part II (B) of the necessary training for entry-level peace officer training. (L)</td>
</tr>
<tr>
<td><strong>AJ 51A</strong> Reserve Training Level II 8 units</td>
</tr>
<tr>
<td><strong>Module II</strong></td>
</tr>
<tr>
<td>139 lecture hours, 14 lab hours</td>
</tr>
<tr>
<td>Prerequisite: Satisfactory completion of: AJ 50A and AJ 50B</td>
</tr>
<tr>
<td>Other: Current First Aid/CPR (within last 3 yrs), Department of Justice Fingerprint Clearance, Current PC 832 Training (AJ 54A/B).</td>
</tr>
<tr>
<td>Corequisite: Concurrent enrollment or satisfactory completion of: AJ 51B</td>
</tr>
<tr>
<td>This course is designed to meet the new Peace Officer Standards and Training (POST) requirements for the Regular Basic Course (Modular Format), Level II Reserves as of July 2008. This course is Part III (C) of the necessary training requirements for back-up officers. (L)</td>
</tr>
<tr>
<td><strong>AJ 51B</strong> Reserve Training Module II 5 units</td>
</tr>
<tr>
<td>78 lecture hours, 42 lab hours</td>
</tr>
<tr>
<td>Prerequisite: Satisfactory completion of: AJ 50A and AJ 50B.</td>
</tr>
<tr>
<td>Other: Department of Justice Clearance and Medical Clearance.</td>
</tr>
<tr>
<td>Corequisite: Concurrent enrollment or satisfactory completion of: AJ 51A</td>
</tr>
<tr>
<td>Module II of a three-part course sequence that satisfies the Regular Basic Peace Officer Course training requirement. This section, Module II, covers all motor skills designed to meet the new Peace Officer Standards and Training (POST) requirements for the Regular Basic Course, Level II Reserves as of July 2008. This course is Part II (B) of the necessary training requirements for back-up officers. (L)</td>
</tr>
<tr>
<td><strong>AJ 52A</strong> Reserve Training Level I 13.5 units</td>
</tr>
<tr>
<td><strong>Module I</strong></td>
</tr>
<tr>
<td>227 lecture hours, 59 lab hours</td>
</tr>
<tr>
<td>Prerequisite: Satisfactory completion of: AJ 51A and AJ 51B</td>
</tr>
<tr>
<td>Corequisite: Concurrent enrollment or satisfactory completion of: AJ 52B and AJ 52C</td>
</tr>
<tr>
<td>The final module in the Regular Basic Course (Modular Format), Level I Reserve Officer for POST Basic Peace Officer Certification as of July 2008. (L)</td>
</tr>
<tr>
<td><strong>AJ 52B</strong> Reserve Training Level I 2 units</td>
</tr>
<tr>
<td><strong>Module II</strong></td>
</tr>
<tr>
<td>26 lecture hours, 43 lab hours</td>
</tr>
<tr>
<td>Prerequisite: Satisfactory completion of: AJ 51A and AJ 51B</td>
</tr>
<tr>
<td>Corequisite: Concurrent enrollment or satisfactory completion of: AJ 52A and AJ 52C</td>
</tr>
<tr>
<td>The final module, Part II (B) in the Regular Basic Course (Modular Format), Level I Reserve Officer for POST Basic Peace Officer Certification as of July 2008. (L)</td>
</tr>
<tr>
<td><strong>AJ 52C</strong> Reserve Training Level I 1 unit</td>
</tr>
<tr>
<td><strong>Module III</strong></td>
</tr>
<tr>
<td>54 lab hours</td>
</tr>
<tr>
<td>Prerequisite: Satisfactory completion of: AJ 51A and AJ 51B</td>
</tr>
<tr>
<td>Corequisite: Concurrent enrollment or satisfactory completion of: AJ 52A and AJ 52B</td>
</tr>
<tr>
<td>The final module, Part III (C), in the Regular Basic Course (Modular Format), Level I Reserve Officer for POST Basic Peace Officer Certification as of July 2008. (L)</td>
</tr>
<tr>
<td><strong>AJ 54A</strong> Peace Officer Orientation 1.5 units</td>
</tr>
<tr>
<td>33 lecture hours, 7 lab hours</td>
</tr>
<tr>
<td>832.0.p.c.: Laws of Arrest, search and seizure, communications, arrest and control techniques. Meets Peace Officer Standards and Training (POST) and Standards of Training for Corrections Program (STC).</td>
</tr>
<tr>
<td>This course is not a prerequisite for AJ 50 A/B but recommended for students taking the correctional officer core course. (L)</td>
</tr>
<tr>
<td><strong>AJ 54B</strong> Peace Officer Orientation - Firearms .5 unit</td>
</tr>
<tr>
<td>14 lecture hours, 10 lab hours</td>
</tr>
<tr>
<td>Prerequisite: DOJ fingerprint clearance.</td>
</tr>
<tr>
<td>832.0.c.: Firearms Training. Meets Peace Officer Standards and Training (POST) and Standards of Training for Corrections Program (STC). Recommended for students taking the correctional officer core course. (L)</td>
</tr>
<tr>
<td><strong>AJ 70A</strong> Correctional Officer 7 units</td>
</tr>
<tr>
<td><strong>Core Course</strong></td>
</tr>
<tr>
<td>117.5 lecture hours, 32 lab hours</td>
</tr>
<tr>
<td>Other: Medical clearance, Health/History, Par-Q.</td>
</tr>
<tr>
<td>Corequisite: Concurrent enrollment or satisfactory completion of: AJ 70B</td>
</tr>
<tr>
<td>Theory and application of Corrections Officer Training. Meets CA-Dep. of Corrections and Rehabilitation requirements. Units of course study include: Criminal Justice System, Codes and Statutes, professionalism, classification of inmates, contraband, drug enforcement and receiving, releasing, maintaining security, report writing, supervising inmates, distribution of supplies, monitoring health, management of inmate workers, screening visitors and mail, transport of outside facilities, emergencies, procedure in court and physical tasks. (L)</td>
</tr>
<tr>
<td><strong>AJ 70B</strong> Correctional Officer Core Course .5 unit</td>
</tr>
<tr>
<td>10 lecture hours, 18 lab hours</td>
</tr>
<tr>
<td>Other: Medical clearance, Health/History, Par-Q.</td>
</tr>
<tr>
<td>Corequisite: Concurrent enrollment or satisfactory completion of: AJ 70A</td>
</tr>
<tr>
<td>Theory and application of Corrections Officer Training. Meets California Department of Corrections and Rehabilitation requirements. This section covers the accusatory behavior and restraint techniques. (L)</td>
</tr>
<tr>
<td><strong>AJ 78</strong> Investigative Report Writing 3 units</td>
</tr>
<tr>
<td><strong>For the Public Safety Professional</strong></td>
</tr>
<tr>
<td>54 lecture hours</td>
</tr>
<tr>
<td>Investigative report writing for the public safety professional related to new enforcement, probation, correctional institutions, parole activities, and private security services. Includes: practical experience in preparing field notes, letters, memorandums, and official administrative reports; the role of reports in civil litigation, criminal prosecution, and the presentation of court testimony. Emphasis will be placed on recognizing the characteristics of good report writing and addressing the common report writing problems, including use of correct terminology, grammar, spelling and composition. Students will also be introduced to contemporary information technologies and the methods employed for the collection, storage, and distribution of official information and reports. Grades are P/NP option. (L)</td>
</tr>
<tr>
<td><strong>AJ 200B</strong> Probation Officer 1.5 units</td>
</tr>
<tr>
<td><strong>Core Course</strong></td>
</tr>
<tr>
<td>18 lecture hours, 27 lab hours</td>
</tr>
<tr>
<td>Other: Medical Clearance; Health/History, Par-Q.</td>
</tr>
<tr>
<td>Corequisite: Concurrent enrollment or satisfactory completion of: AJ 200A</td>
</tr>
<tr>
<td>Designed to provide the basic concepts and skills for ‘entry level’ Probation Officer. This section covers Officer Safety; Psychological Skills Training; Meets California Corrections Standards Authority, Division of Standards and Training for Corrections (STC) requirements for ‘entry level’ Probation Officers. (L)</td>
</tr>
<tr>
<td><strong>AJ 202A</strong> Juvenile Correctional Officer Core Course 6.5 units</td>
</tr>
<tr>
<td>108 lecture hours, 77 lab hours</td>
</tr>
<tr>
<td>Other: Medical clearance, Health/History, Par-Q.</td>
</tr>
<tr>
<td>Corequisite: Concurrent enrollment or satisfactory completion of: AJ 202B</td>
</tr>
<tr>
<td>Designed to provide the basic concepts and skills for ‘entry-level’ Juvenile Corrections Officer, including overall mission, role and function in the California Juvenile Justice System; major tasks and responsibilities; and competency in various knowledge and skill requirements. Meets California Corrections Standards Authority, Division of Standards and Training for Corrections (STC) requirements for ‘entry-level’ Juvenile Corrections Officers as of July 2007. (L)</td>
</tr>
<tr>
<td><strong>AJ 202B</strong> Juvenile Correctional Officer Core Course .5 unit</td>
</tr>
<tr>
<td>4 lecture hours, 26 lab hours</td>
</tr>
<tr>
<td>Other: Medical clearance; Health/History, Par-Q.</td>
</tr>
<tr>
<td>Corequisite: Concurrent enrollment or satisfactory completion of: AJ 202A</td>
</tr>
<tr>
<td>Designed to provide the basic concepts and skills for ‘entry level’ Juvenile Corrections Officer. This section covers Officer Safety; Psychological Skills Training; Meets California Corrections Standards Authority, Division of Standards and Training for Corrections (STC) requirements for ‘entry-level’ Juvenile Corrections Officers as of July 2007. (L)</td>
</tr>
<tr>
<td><strong>AJ 217B1</strong> Specialized Investigator’s Basic Course Module 1 7.5 units</td>
</tr>
<tr>
<td>57.5 lecture hours, 57 lab hours</td>
</tr>
<tr>
<td>Prerequisite: Satisfactory completion of: AJ 217B1</td>
</tr>
<tr>
<td>Corequisite: Concurrent enrollment or satisfactory completion of: AJ 217B1</td>
</tr>
<tr>
<td>Second of two investigator academy modules to receive a completion of training. Investigator Skills Module specifically designed as an ‘entry-level’ course for State and County Investigators. Meets requirements for State Investigators as prescribed by the Commission of Peace Officer Standards and Training. Students must take AJ 217B1A concurrently. The appointment of ‘entry level’ Juvenile Corrections Officers as of July 2007. (L)</td>
</tr>
</tbody>
</table>

Programs and Courses

**Agriculture and Plant Science**

At Yuba College we believe these are very exciting times for agriculture, agricultural business and for rural America. Within Yuba and Sutter Counties sustainable and small-scale conventional farming and ranching are of increasing relevance. Agriculturists are becoming more aware of the need for scientific farming to improve productivity and profitability. The close, friendly relation of Yuba College, combined with an integrated agricultural curriculum and remarkable access to hands-on education, creates a fertile learning environment for our students and the agriculture industry we serve.

Career opportunities in agriculture and plant science are many and varied. They include jobs in farm, fiber, and nursery industries; jobs in air, land, water, and natural resources; as well as jobs in pest management, veterinary technology, environmental regulation and protection; bio-technology; accounting, and farm management. Students planning to transfer to a four year learning institution should contact a counselor to ensure correct course placement. As a pioneer in innovative curriculum programs for the California Community College system, Yuba College has developed partnerships with local community agricultural businesses and through joint input has developed a curriculum to help enhance and expand the local agricultural business.

Today’s expanding agriculture arena focuses on production methodology that enhances existing resources. The Yuba College Agriculture Program is about the local farming community. Our Agricultural Program provides both the small business and technical skills needed to develop and manage a profitable, environmentally sound and community-based small farm or agricultural business.

Students use their Yuba College education to develop farms, nurseries, green houses and ranches, while others are assigned to investigative staff of a District Attorney’s office. Pursuant to POST regulations, investigators must complete this course within one year of employment as a DA investigator. Successful students will receive a certificate of completion. Topics include: roles of the investigator, professional and ethics, victimology, witness and informant management, special victim investigations, trial preparation and support, evidence search and seizure, civil process, investigative techniques, family support investigations, officer-involved incidents, and other relevant topics. There is a $200 non-refundable material fee for this course. (L)

**Programs and Courses**

**Agricultural Business**

The Yuba College Agricultural Business course of study is a fully on-line Certificate of Achievement that provides the course work, direction and work experience necessary to prepare students or augment existing skills to develop knowledge and self-confidence working in the field of agricultural business. Students learn effective communication techniques, agricultural accounting methodology, computer and arithmetic workflow, agricultural marketing and entrepreneurship. You may select from advanced coursework in business subjects for more specialized study. If you are considering transferring to a four year institution, this certificate prepares you for further training in agricultural economics and business administration, as well as other related fields.

Agricultural related internships provide students with opportunities to observe and develop management skills and to gain professional experience. Internships are particularly important for students with limited rural/agricultural background. Depending upon the internship selected, students will gain experience in marketing, production, management, and/or finance in an agricultural business or resource agency.

With a Certificate of Achievement in Agricultural Business from Yuba College, you can enhance your efforts to find a career with agricultural business firms in production, management, or sales. Opportunities include farm real estate appraisal, agricultural finance, commodity broker- age, commodity merchandising, mortgage brokering, food brokering, landscape contracting, feedlot management, and farm input sales.

**AGRICULTURE (Associate in Science)**

Students who complete this program should be able to:
1. Identify and apply the principles and techniques of modern crop, soil, and livestock management.
2. Demonstrate scientific and management skills, including interpreting graphs, data, and soil health.
3. Describe fundamental principles in agriculture for livestock, crops, and soil health and sustainability.

**Required Courses**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG 214</td>
<td>Internship</td>
<td>3</td>
</tr>
<tr>
<td>AG 45 or 45P</td>
<td>Principles of Animal Science</td>
<td>3.4</td>
</tr>
<tr>
<td>PLSCI 20 or 20L</td>
<td>Principles of Plant Science</td>
<td>3.4</td>
</tr>
<tr>
<td>PLSCI 22 or 22L</td>
<td>Introduction to Soils</td>
<td>3.4</td>
</tr>
<tr>
<td>Complete 9 units of Agriculture electives</td>
<td>9</td>
<td></td>
</tr>
</tbody>
</table>

Total units required: 30

**AGRICULTURAL BUSINESS (Certificate of Achievement)**

Students who complete this program should be able to:
1. Identify and apply the principles and techniques of modern crop, soil, and livestock management.
2. Demonstrate scientific and management skills, including interpreting graphs, data, and soil health.
3. Describe fundamental principles in agriculture for livestock, crops, and soil health and sustainability.

**Required Courses**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG 11</td>
<td>Agricultural Accounting</td>
<td>3</td>
</tr>
<tr>
<td>AG 12</td>
<td>Computers in Agriculture OR</td>
<td>3</td>
</tr>
<tr>
<td>BCA 15</td>
<td>Business Computer Applications</td>
<td>3</td>
</tr>
<tr>
<td>AG 13</td>
<td>Marketing</td>
<td>3</td>
</tr>
<tr>
<td>AG 14</td>
<td>Entrepreneurship</td>
<td>3</td>
</tr>
<tr>
<td>Agriculture or Plant Science electives</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Complete 3 units of Agriculture electives</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Total units required: 18

**AG 11**

**Agricultural Accounting** 3 units 54 lecture hours Transferable to CSU

Basic principles of accounting as applied to agricultural business and farm operations. The class will develop the skills needed to create a general ledger, develop and analyze a balance sheet, and understand a profit-and-loss statement. Standard accounting procedures are covered with emphasis on both hand and computer applications. (L)
PLSCLI 22L
Introduction to Soils
4 units
54 lecture hours. 54 lab hours
Transferable to CSU/U - UC Unit Limit
Physical, chemical, and biological properties of soils as related to plant growth and soil formation. Including the study of soil development, classification and characteristics; soil use and management including erosion, moisture retention, structure, cultivation, organic matter and microbiology. Not open to students with credit in PLSCLI 22L. Grades are P/NP option. (L,M)

ANTHR 1
Introduction to Physical Anthropology
3 units
54 lecture hours
Transferable to CSU/U
This course examines human biological variation within an evolutionary context. It includes an introduction to the history and principles of evolutionary theory; basic human genetics and molecular biology; the anatomy, behavior, and ecology of our closest living relatives, non-human primates; the evolution of the human lineage through the hominid fossil record; variation among modern human groups, past and present; and a brief introduction to forensic anthropology. Throughout the course, attention is paid to the complex interaction between biology, behavior, and culture.

ANTHR 2
Cultural Anthropology
3 units
54 lecture hours
Transferable to CSU/U
Investigates the diversity of cultures in regards to language, economics, kinship, art, religion, technology, and cultural universals, functional aspects of culture and cultural change; varieties of customs and institutions of different peoples; significance of human culture.

ANTHR 3
Introduction to Archaeology
3 units
54 lecture hours
Transferable to CSU/U
Introduces the methods and theories of modern archaeology, including site exploration and interpretation. Patterns of evidence for human behavior from the first humans to the beginnings of written history. (L)
### Programs and Courses

#### STUDIO ARTS

**Associate in Arts in Studio Arts (for Transfer)**

- Students who complete this program should be able to:
  1. Articulate and communicate a broad knowledge of both the history and the practice of various studio art media.
  2. Demonstrate a specific practical and personal skill in various studio art media.
  3. Engage in both community and professional practice in the exhibition of personal work.

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 1B History of Art</td>
<td>3</td>
</tr>
<tr>
<td>ART 2 Color Theory</td>
<td>3</td>
</tr>
<tr>
<td>ART 2A Drawing and Composition</td>
<td>3</td>
</tr>
<tr>
<td>ART 2B Intermediate Basic Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 3 Color Theory</td>
<td>3</td>
</tr>
<tr>
<td>ART 4 Drawing and Composition</td>
<td>3</td>
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</table>

<table>
<thead>
<tr>
<th>List A Courses</th>
<th>1 unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 1A History of Art</td>
<td>3</td>
</tr>
<tr>
<td>ART 1L Ceramics Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>ART 1B History of Art</td>
<td>3</td>
</tr>
</tbody>
</table>

**List B Courses**

- Choose three (9 units):
  - ART 2 Color Theory
  - ART 2A Drawing and Composition
  - ART 3 Color Theory
  - ART 9A Beginning Painting
  - ART 12A Beginning Ceramics
  - ART 12B Intermediate Ceramics
  - ART 14A Beginning Sculpture
  - ART 15A Beginning Printmaking
  - ART 31 Basic Photography
  - ART 36A Digital Photography

**Required Courses**

<table>
<thead>
<tr>
<th>Units</th>
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<tbody>
<tr>
<td>28</td>
</tr>
</tbody>
</table>

### PHOTOGRAPHIC IMAGING

**Certificate of Achievement**

- Students will complete this program should be able to:
  1. Effectively communicate using visual and technical language related to photography.
  2. Demonstrate a strong knowledge and understanding how to use photography equipment and software.
  3. Demonstrate an understanding of photography's place in Art History and the Contemporary Art world.
  4. Apply the tools to promote their work in both commercial and fine arts settings.

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 31 Basic Photography</td>
<td>3</td>
</tr>
<tr>
<td>ART 32A-32B Interim, Black/White Photography</td>
<td>6</td>
</tr>
<tr>
<td>ART 33 Advanced Photography</td>
<td>3</td>
</tr>
<tr>
<td>ART 35 Creative Photography Documentary</td>
<td>3</td>
</tr>
<tr>
<td>ART 36A Digital Photography</td>
<td>3</td>
</tr>
<tr>
<td>ART 36B Introduction to Photoshop (3 units each)</td>
<td>6</td>
</tr>
</tbody>
</table>

**Survey**

- **List A Courses**
  - ART 1A History of Art
  - ART 1B History of Art
  - ART 2 Color Theory
  - ART 3 Color Theory

- **List B Courses**
  - Choose three (9 units):
    - ART 2 Color Theory
    - ART 3 Color Theory
    - ART 9A Beginning Painting
    - ART 12A Beginning Ceramics
    - ART 12B Intermediate Ceramics
    - ART 14A Beginning Sculpture
    - ART 15A Beginning Printmaking
    - ART 31 Basic Photography
    - ART 36A Digital Photography

### ART Courses

<table>
<thead>
<tr>
<th>Units</th>
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<tbody>
<tr>
<td>28</td>
</tr>
</tbody>
</table>

#### Programs and Courses

**ART 3A**

- **Women in Art I**
  - 3 units
  - 54 lecture hours
  - Transferable to CSU/UC
  - Role of women as visual artists in the western world, beginning in the middle ages and concluding in the Twentieth Century, art world. Not open for credit to students with credit in HUMAN 26A or WOMEN 26A. (L)

**ART 3B**

- **Women in Art II**
  - 3 units
  - 54 lecture hours
  - Transferable to CSU/UC
  - Role of women as visual artists in Europe and the Americas, focusing on the Twentieth Century. Not open for credit to students with credit in HUMAN 26B. (L)

**ART 4A**

- **Drawing and Composition**
  - 3 units
  - Beginning
  - 27 lecture hours, 81 lab hours
  - Transferable to CSU/UC
  - Focus on developing the skills necessary to articulate and communicate in the visual medium.

**ART 4B**

- **Drawing and Composition**
  - 3-6 units
  - Intermediate
  - 27 lecture hours, 81 lab hours
  - Transferable to CSU/UC
  - Focus on developing the skills necessary to articulate and communicate in the visual medium.

**ART 5**

- **Art Appreciation**
  - 3 units
  - 54 lecture hours
  - Transferable to CSU/UC
  - C-ID ARTS 205
  - Students in this course will build on fundamental drawing skills to develop personalized solutions to content and materials in exercises covering multiple historical and contemporary approaches to drawing. Grades are P/NP option. (L)

**ART 6A**

- **Beginning Basic Design**
  - 3 units
  - 27 lecture hours, 81 lab hours
  - Transferable to CSU/UC
  - C-ID ARTS 270
  - Open laboratory course for introductory instruction in basic design principles and elements and their application to two-dimensional problems. (L)

**ART 6B**

- **Intermediate Basic Design, 3D**
  - 3 units
  - 27 lecture hours, 81 lab hours
  - Transferable to CSU/UC
  - C-ID ARTS 270
  - Students will explore the concepts, applications, and historical references that relate to three-dimensional design and spatial composition, including the study of elements and organizing principles of design as they apply to three dimensional space and form. (L)

**ART 8A**

- **Watercolor Painting**
  - 3 units
  - 27 lecture hours, 81 lab hours
  - Transferable to CSU/UC
  - Basic principles and elements of watercolor painting in various techniques, wet-on-wet, washes, and drybrush. Advanced techniques applied, portfolio of personal work developed. Grades are P/NP option. (L)

**ART 9A**

- **Beginning Painting**
  - 3 units
  - 27 lecture hours, 81 lab hours
  - Transferable to CSU/UC
  - C-ID ARTS 210
  - Introduction to the principles, elements, and practices of painting. Focus on painting materials, perceptual skills and color theory, paint mixing and technique, as well as creative response to materials and subject matter. Grades are P/NP option. (L)

**ART 9B**

- **Intermediate Painting**
  - 3 units
  - 27 lecture hours, 81 lab hours
  - Transferable to CSU/UC
  - Advanced introduction to painting media and techniques. Emphasis on painting from life. (L)

**ART 10**

- **Mural Painting**
  - 3 units
  - 27 lecture hours, 81 lab hours
  - Transferable to CSU/UC
  - Studio course focused on the actual creation of a large mural. Students will design the composition, prepare the wall and produce the mural. (M)

**ART 12A**

- **Beginning Ceramics**
  - 3 units
  - 27 lecture hours, 81 lab hours
  - Transferable to CSU/UC
  - Basic studio techniques and processes in hand building and use of the Potter's wheel for creative and artistic expression using clay. Grades are P/NP option. (L)

**ART 12B**

- **Intermediate Ceramics**
  - 3 units
  - 27 lecture hours, 81 lab hours
  - Transferable to CSU/UC
  - Intermediate techniques and processes; creative and artistic expression through the use of clay and glazes. Grades are P/NP option. (L)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Lecture Hours</th>
<th>Lab Hours</th>
<th>Prerequisite</th>
<th>Transferable to CSU/UC</th>
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<tbody>
<tr>
<td>ART 14A</td>
<td>Sculpture</td>
<td>3</td>
<td>27</td>
<td>81</td>
<td>Transferable to CSU/UC</td>
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<tr>
<td>ART 14B</td>
<td>Intermediate Sculpture</td>
<td>3</td>
<td>27</td>
<td>81</td>
<td>Transferable to CSU/UC</td>
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<tr>
<td>ART 19A</td>
<td>Introduction to Commercial Art</td>
<td>3</td>
<td>27</td>
<td>81</td>
<td>Transferable to CSU/UC</td>
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<tr>
<td>ART 19B</td>
<td>Commercial Art: Illustration</td>
<td>3</td>
<td>27</td>
<td>54</td>
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<tr>
<td>ART 20</td>
<td>African, Oceanic, and Native American Art History Survey</td>
<td>3</td>
<td>54</td>
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<tr>
<td>ART 21</td>
<td>Asian Art History</td>
<td>3</td>
<td>54</td>
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<tr>
<td>ART 25</td>
<td>Multimedia Design &amp; Writing</td>
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<td>ART 27</td>
<td>Photography Materials and Processes</td>
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<td>ART 31</td>
<td>Basic Photography</td>
<td>3</td>
<td>36</td>
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<td>Transferable to CSU/UC</td>
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<tr>
<td>ART 32A</td>
<td>Intermediate Black and White Photography</td>
<td>3</td>
<td>36</td>
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<tr>
<td>ART 32B</td>
<td>Intermediate Black and White Photography</td>
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<tr>
<td>ART 32C</td>
<td>Advanced Projects- Black and White</td>
<td>3</td>
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<td>54</td>
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<tr>
<td>ART 33</td>
<td>Advanced Photography</td>
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<td>ART 34</td>
<td>Creative Photo</td>
<td>3</td>
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<td>ART 35</td>
<td>Field Workshop- v1</td>
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<td>ART 36A</td>
<td>Digital Photography</td>
<td>3</td>
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<tr>
<td>ART 36B</td>
<td>Introduction to Photograph</td>
<td>3</td>
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<tr>
<td>ART 36C</td>
<td>Advanced Projects- Digital</td>
<td>3</td>
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<td>54</td>
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<tr>
<td>ART 39</td>
<td>Field Workshop- Digital v1</td>
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<td>9</td>
<td>27</td>
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<td></td>
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</tbody>
</table>

**Grades:** Transferable to CSU/UC

**Course Descriptions:**

- **ART 14A:** Sculpture (27 lecture hours, 81 lab hours)
- **ART 14B:** Intermediate Sculpture (27 lecture hours, 81 lab hours)
- **ART 19A:** Introduction to Commercial Art (27 lecture hours, 81 lab hours)
- **ART 19B:** Commercial Art: Illustration (27 lecture hours, 54 lab hours)
- **ART 20:** African, Oceanic, and Native American Art History Survey (54 lecture hours)
- **ART 21:** Asian Art History (54 lecture hours)
- **ART 25:** Multimedia Design & Writing (36 lecture hours, 108 lab hours)
- **ART 27:** Photography Materials and Processes (54 lab hours)
- **ART 31:** Basic Photography (36 lecture hours, 54 lab hours)
- **ART 32A:** Intermediate Black and White Photography (36 lecture hours, 54 lab hours)
- **ART 32B:** Intermediate Black and White Photography (36 lecture hours, 54 lab hours)
- **ART 32C:** Advanced Projects- Black and White (36 lecture hours, 54 lab hours)
- **ART 33:** Advanced Photography (36 lecture hours, 54 lab hours)
- **ART 34:** Creative Photo (36 lecture hours, 54 lab hours)
- **ART 35:** Field Workshop- v1 (9 lecture hours, 27 lab hours)
- **ART 36A:** Digital Photography (36 lecture hours, 54 lab hours)
- **ART 36B:** Introduction to Photograph (36 lecture hours, 54 lab hours)
- **ART 36C:** Advanced Projects- Digital (36 lecture hours, 54 lab hours)
- **ART 39:** Field Workshop- Digital v1 (9 lecture hours, 27 lab hours)

**Prerequisites:**

- **ART 14A:** Introductory course in sculpture; using and exploring the media of clay, plaster, wood and armature building. Grades are P/NP option.
- **ART 14B:** Further study of three dimensional form and use of materials such as clay, plaster, wood and armature building. Grades are P/NP option.
- **ART 19A:** Practice of printmaking, relief, stencil, intaglio processes. To explore the visual and expressive potential of the fine art print. Grades are P/NP option.
- **ART 19B:** Commercial Art: Illustration (27 lecture hours, 54 lab hours). Prerequisite: Satisfactory completion of ART 19A. Transferable to CSU/UC.
- **ART 20:** Studio practice in the basic concepts and techniques of commercial illustration, using typical projects that occur in employment situations. Stress on various media, portfolio, and camera ready work. Grades are P/NP option.
- **ART 21:** This course is a survey of visual culture within select regions in Africa, Oceania, and Indigenous Americas. Grades are P/NP option.
- **ART 25:** Principles and practice of designing and writing multimedia projects including newsletters, brochures, academic documents, presentations, reports, flyers, press releases, posters and web pages. Emphasis on applying art theory and effective writing techniques to individual and group projects.
- **ART 27:** An additional laboratory experience for those interested in further refining and developing concepts attained in regular course offerings in the photography emphasis in Fine Art.
- **ART 31:** Students will develop an understanding and appreciation of the visual and expressive potential of the fine art print. Exploration of personal style. Grades are P/NP option.
- **ART 32A:** Intermediate Black and White Photography (36 lecture hours, 54 lab hours). Prerequisite: Satisfactory completion of ART 31. Transferable to CSU/UC.
- **ART 32B:** An introduction to digital photography: exposure control, file formats, archiving, and basic image editing. Grades are P/NP option.
- **ART 36A:** Introduction to digital photography: exposure control, file formats, archiving, and basic image editing. Grades are P/NP option.

**Additional Notes:**

- **ART 14A:** Introduction to a broad range of assignments to acquaint the student with the unselfish use of their skills to solve the needs of a client and use principles of computerized drawing and design. Using the basic concepts, drawing tools, and vocabulary of Adobe CS6 Design & Web Premium, which includes: Photoshop CS6 Extended, Illustrator CS6, InDesign CS6, Dreamweaver CS6, Flash Professional CS6, Fireworks CS6, Acrobat X Pro, Bridge CS6, and Media Encoder CS6. Grades are P/NP option.
- **ART 21:** This course is a survey of the arts of China, India, Japan, Indonesia, Korea, and South East Asia from prehistoric times to the present. This course examines the wide variety of art forms from these areas and time periods within their historical contexts, with emphasis on function, meaning, aesthetic concepts, mechanical aspects of art making, and the classification and criticism of these arts. Grades are P/NP option.
- **ART 25:** Principles and practice of designing and writing multimedia projects including newsletters, brochures, academic documents, presentations, reports, flyers, press releases, posters and web pages. Emphasis on applying art theory and effective writing techniques to individual and group projects.
- **ART 27:** A study of "letterform", typeface, copy fitting, working at an intermediate skill level.
- **ART 31:** A course offering in the photography emphasis in Fine Art. Further study of three dimensional form and use of materials such as clay, plaster, wood and armature building. Grades are P/NP option.
- **ART 32A:** Individual exploration of advanced black and white course allowing further development of concepts attained in 32A. Emphasis on advanced zone system, large format camera and individual creative problem solving.
- **ART 32B:** Individual exploration of advanced black and white photography concepts such as refining the zone system, infrared landscape, traditional darkroom processes, archival printing, and the classification of these arts.
- **ART 33:** Individual exploration of advanced black and white photography especially suited for the particular season and geographic location. Student responsible for cost of meals, lodging, transportation, and materials.
- **ART 34:** Intensive location field workshops covering specific topics in black and white photography especially suited for the particular season and geographic location. Student responsible for cost of meals, lodging, transportation, and materials. Grades are P/NP option.
- **ART 35:** Intensive location field workshops covering specific topics in color/digital photography especially suited for the particular season and geographic location. Student responsible for cost of meals, lodging, transportation, and materials. Grades are P/NP option.
- **ART 36A:** Introduction to digital photography: exposure control, file formats, archiving, and basic image editing. Grades are P/NP option.
- **ART 36B:** Transferable to CSU.
- **ART 36C:** Individual exploration of advanced digital imaging concepts within a structured environment. Projects may include advanced montage, text layers, web authoring, integration with other 2D/3D mediums. Self-generated projects are emphasized.
ART 4B—Individual Problems in Printmaking: Advanced 3 units
27 lecture hours, 81 lab hours
Prerequisite: Satisfactory completion of: ART 4A and ART 9B
Transferable to CSU/UC
Advanced painting in which students approach individual
painting problems in consultation with instructor. Grades are
P/NP option.

ART 4A—Individual Problems in Painting: Advanced 3 units
27 lecture hours, 81 lab hours
Prerequisite: Satisfactory completion of: ART 9A and ART 9B
Transferable to CSU/UC
Advanced painting in which students work on self directed
painting and the development of creative portfolios. Grades
are P/NP option. (L)

ART 42A—Individual Problems in Ceramics: Beginning 3 units
27 lecture hours, 81 lab hours
Prerequisite: Satisfactory completion of: ART 12A and ART 12B
Transferable to CSU/UC
Advanced techniques and processes for creative expression
in Ceramics. Grades are P/NP option.

ART 42B—Individual Problems in Ceramics: Advanced 3 units
27 lecture hours, 81 lab hours
Prerequisite: Satisfactory completion of: ART 42A
Transferable to CSU/UC
Advanced techniques and processes in which students work
on self directed projects for the development of creative
portfolios. Grades are P/NP option.

ART 43A—Individual Problems in Printmaking 3 units
27 lecture hours, 81 lab hours
Prerequisite: Satisfactory completion of: ART 15B
Transferable to CSU/UC
Focused exploration of a single printmaking technique. Grades
are P/NP option.

ART 43B—Individual Problems in Printmaking: Advanced 3 units
27 lecture hours, 81 lab hours
Prerequisite: Satisfactory completion of: ART 43A
Transferable to CSU/UC
Advanced exploration of a single technique in printmaking.
Grades are P/NP option.

ART 44—Individual Problems in Drawing 3 units
27 lecture hours, 81 lab hours
Prerequisite: Satisfactory completion of: ART 4B
Transferable to CSU/UC
Development of a personal drawing style at an advanced level,
working in series with the goal of a coherent group of works.

ART 46A—Individual Problems in Sculpture: Beginning 3 units
27 lecture hours, 81 lab hours
Prerequisite: Satisfactory completion of: ART 14A and ART 14B
Transferable to CSU/UC
Advanced techniques and processes; creative and personal
expression in three dimensional forms.

ART 46B—Individual Problems in Sculpture: Advanced 3 units
27 lecture hours, 81 lab hours
Prerequisite: Satisfactory completion of: ART 14A and ART 14B
Transferable to CSU/UC
Advanced techniques and processes; creative and personal
expression in three dimensional form. Grades are P/NP option.

ART DESIGN:
Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 50 for details.)

ART 2—Color Theory
ART 6A—Beginning Basic Design
ART 6B—Intermediate Basic Design 3D

CERAMICS:
Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 50 for details.)

ART 1—Ceramics Laboratory
ART 12A—Beginning Ceramics
ART 12B—Intermediate Ceramics
ART 42A—Individual Problems in Ceramics: Advanced

COMMERCIAL ART:
Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 50 for details.)

ART 19A—Introduction to Commercial Art
ART 19B—Commercial Art: Illustration

DRAWING:
Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 50 for details.)

ART 4A—Drawing and Composition
ART 4B—Drawing and Composition
ART 44—Individual Problems in Drawing

PAINTING:
Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 50 for details.)

ART 5A—Watercolor Painting
ART 6B—Watercolor Painting
ART 9A—Beginning Painting
ART 9B—Intermediate Painting
ART 11—Mural Painting
ART 40A—Individual Problems in Watercolor
ART 40B—Individual Problems in Watercolor: Advanced
ART 41A—Individual Problems in Painting: Beginning
ART 41B—Individual Problems in Painting: Advanced

PHOTOGRAPHY:
Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 50 for details.)

ART 27—Materials and Processes
ART 38—Field Workshop: Black and White
ART 39—Field Workshop: Color/Digital
ART 31—Basic Photography
ART 32A—Intermediate Black and White Photography A
ART 32B—Intermediate Black and White Photography B
ART 36B—Intermediate Digital Photography
ART 36C—Advanced Digital Photography

PRINTMAKING:
Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 50 for details.)

ART 15A—Printmaking
ART 15B—Printmaking
ART 43A—Individual Problems in Printmaking
ART 43B—Individual Problems in Printmaking: Advanced

SCULPTURE:
Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 50 for details.)

ART 14A—Sculpture
ART 14B—Intermediate Sculpture
ART 46A—Individual Problems in Sculpture: Beginning
ART 46B—Individual Problems in Sculpture: Advanced

PROGRAMS AND COURSES

Asian American Studies

ASIAN 31—Asian-American Humanities 3 units
54 lecture hours
Transferable to CSU/UC
Survey of Asian-American cultures, including religions,
traditions, and some highlights of history. Not open for credit
to students with credit in HUMAN 31. (L)

Astronomy

ASTRO 1—Introduction to Astronomy 3 units
54 lecture hours
Transferable to CSU/UC
Survey of the solar system, stars, galaxies, history and tools
of astronomy, cosmology, and exploration of space. (L,M)

ASTRO 1L—Introduction to Astronomy 4 units
54 lecture hours, 54 lab hours
Transferable to CSU
Survey of the solar system, stars, galaxies, history, and
tools of astronomy, cosmology, and exploration of space.
Laboratory covers the study and interpretation of astronomical
observations through the use of prepared astronomy exercises,
the use of telescopes or computer simulations of telescopes,
naked eye observation of celestial bodies, and laboratory
activities using various quantitative measuring devices. Not
open for credit for students with credit in ASTRO 1. (L,M)

ASTRO 11—Astronomy Laboratory 1 unit
54 lab hours
Prerequisite: Satisfactory completion of: ASTRO 1
Transferable to CSU
Study and interpretation of astronomical observations through
the use of prepared astronomy exercises and computer
simulations. Some observations of celestial bodies by naked
eye and/or the use of telescope and other instruments. (L,M)

C, L, M Advisories: Computer Literacy: recommended basic computer skills.
Language: recommended eligibility for English 1A. Mathematics: recommended eligibility for Math 32.

2018-2019 Catalog
Athletics

ATHL 1.55R Sports Conditioning 3 units
165 lecture hours, 405 lab hours
Preparatory skills necessary for intercollegiate competition in football. Development of offensive and defensive systems, including passing, kicking, blocking and conditioning. Other: Repeatable may be taken three times. Grades are P/NP option.

ATHL 2.01R Baseball Skills 1.5 units
13.5 lecture hours, 40.5 lab hours
Preparatory skills necessary for intercollegiate competition. Other: Repeatable may be taken three times. Grades are P/NP option.

ATHL 2.03R Basketball Skills - Men 1.5 units
13.5 lecture hours, 40.5 lab hours
Preparatory skills necessary for intercollegiate competition. Other: Repeatable may be taken three times. Grades are P/NP option.

ATHL 2.04R Basketball Skills - Women 1.5 units
13.5 lecture hours, 40.5 lab hours
Preparatory skills necessary for intercollegiate competition. Other: Repeatable may be taken three times. Grades are P/NP option.

ATHL 2.07R Football Skills 1.5 units
13.5 lecture hours, 40.5 lab hours
Preparatory skills necessary for intercollegiate competition in football. Development of offensive and defensive systems, including passing, kicking, blocking and conditioning. Other: Repeatable may be taken three times. Grades are P/NP option.

ATHL 2.09R Soccer Skills 1.5 units
13.5 lecture hours, 40.5 lab hours
Preparatory skills necessary for intercollegiate competition in soccer. Development of offensive and defensive systems, including passing, kicking, blocking, and conditioning. Other: Repeatable may be taken three times. Grades are P/NP option.

ATHL 2.09R Softball Skills - Women 1.5 units
13.5 lecture hours, 40.5 lab hours
Preparatory skills necessary for intercollegiate competition. Other: Repeatable may be taken three times. Grades are P/NP option.

ATHL 2.10R Soccer Skills - Women 1.5 units
13.5 lecture hours, 40.5 lab hours
Preparatory skills necessary for intercollegiate competition. Other: Repeatable may be taken three times. Grades are P/NP option.

ATHL 2.11R Track and Field Skills (Men/Women) 1.5 units
13.5 lecture hours, 40.5 lab hours
Preparatory skills necessary for participation in intercollegiate track and field competition for men and women. Other: Repeatable may be taken one time. Grades are P/NP option.

ATHL 2.12R Soccer Skills - Men 1.5 units
13.5 lecture hours, 40.5 lab hours
Preparatory skills necessary for intercollegiate competition in men's soccer. Development in offensive and defensive systems, including passing, kicking, blocking and conditioning. Other: Repeatable may be taken three times. Grades are P/NP option.

ATHL 2.12R Soccer Skills - Women 1.5 units
13.5 lecture hours, 40.5 lab hours
Preparatory skills necessary for intercollegiate competition. Other: Repeatable may be taken three times. Grades are P/NP option.

ATHL 2.13R Volleyball Skills 1.5 units
13.5 lecture hours, 40.5 lab hours
Preparatory skills necessary for competitive volleyball play including conditioning, rules of play, and advanced offensive and defensive strategies. Other: Repeatable may be taken three times. Grades are P/NP option.

ATHL 2.15R Intercollegiate Basketball - Men 1.5 units
81 lab hours
Preparation and competition for intercollegiate Men's basketball. Collegiate techniques and strategies will be implemented. Other: Repeatable may be taken three times.

ATHL 2.15R Intercollegiate Track and Field - Men 3 units
162 lab hours
Preparation and competition for intercollegiate Men's Track and Field. Collegiate techniques and strategies will be implemented. Other: Repeatable may be taken three times.

ATHL 2.16R Intercollegiate Soccer - Men 3 units
162 lab hours
Preparation and competition for intercollegiate soccer competition including: shooting, controlling, dribbling, passing, tackling, scoring, and goal keeping. Practice and competition required. Other: Repeatable may be taken three times.

ATHL 2.16R Intercollegiate Soccer - Women 3 units
162 lab hours
Preparation and competition for intercollegiate soccer competition including: shooting, controlling, dribbling, passing, tackling, scoring, and goal keeping. Practice and competition required. Other: Repeatable may be taken three times.

ATHL 3.05R Intercollegiate Cross Country - Women 3 units
162 lab hours
Preparation and competition in Intercollegiate Track and Field for Women. Advanced collegiate techniques and skills will be performed in each event. Other: Repeatable may be taken three times.

ATHL 3.06R Intercollegiate Cross Country - Men 3 units
162 lab hours
Preparation and competition in Intercollegiate Track and Field for Men. Advanced collegiate techniques and skills will be performed in each event. Other: Repeatable may be taken three times.
Programs and Courses

Automotive Technology

The Automotive Technology Program is designed to provide students with the qualifications needed to fill entry-level positions in the automotive and other related repair fields. The Certificate program also provides additional training for those already employed who desire to improve their skills and abilities. These programs can be completed in one or more semesters. The various Certificates of Training parallel the national voluntary mechanics testing program offered by A.S.E. (Automotive Service Excellence) and are designed to prepare students to pass the A.S.E. tests. The Autobody courses utilize an I-car based curriculum.

AUTO BODY AND REPAIR (Associate in Science)

Students who complete this program should be able to:
1. Demonstrate the job ready skills needed to obtain entry-level employment in the Auto Body industry.
2. Demonstrate personal and professional health and safety practices required for the Auto Body industry.
3. Demonstrate professional work ethics and standards that are expected when working in the Auto Body industry.
4. Demonstrate the ability to work independently as well as interdependently to demonstrate professionalism with customers, coworkers, managers and vendors.

Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO 20</td>
<td>Automotive Technical Skills</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 36</td>
<td>Air Conditioning and Heating Systems</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 41</td>
<td>Alignment and Suspensions</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 42</td>
<td>Hydraulics (Fluid Power)</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 70</td>
<td>Introduction to Autobody Technology</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 71</td>
<td>Carburetor - Non-structural 1 &amp; 2</td>
<td>4</td>
</tr>
<tr>
<td>WELD 30</td>
<td>Gas Welding</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 51-B OR 62A-B OR 63 series</td>
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<td></td>
</tr>
<tr>
<td><strong>Total units required</strong></td>
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</table>

Students earning an AA degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

TUNE-UP AND DRIVEABILITY (Associate in Science)

Students who complete this program should be able to:
1. Demonstrate appropriate mathematical concepts and methods to measure and calculate for needed repair and diagnosis.
2. Demonstrate how to identify mechanical or component damage that is either direct (you can see it) or indirect (the damage you cannot see) in a 3C's for.
3. Utilize the appropriate diagnostic equipment, documentation, and troubleshooting principles on various automobile systems.
4. Identify and implement safety procedures involved in the diagnosis, service, and repair of all manner automobile and light truck systems.

Required Courses

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</tr>
<tr>
<td>AUTO 33</td>
<td>Fuel Systems</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 36</td>
<td>Air Conditioning and Heating Systems</td>
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<tr>
<td>AUTO 44</td>
<td>Electrical Systems</td>
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</tr>
<tr>
<td>AUTO 55</td>
<td>Advanced Tune-Up</td>
<td>5</td>
</tr>
<tr>
<td>AUTO 61D</td>
<td>Engine Performance Experience</td>
<td>1</td>
</tr>
<tr>
<td>AUTO 95</td>
<td>State Emission Control License</td>
<td>0.5</td>
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<tr>
<td><strong>Total units required</strong></td>
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Students earning an AA degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

AUTO BODY REPAIR (Certificate of Achievement)

Students who complete this program should be able to:
1. Demonstrate the job ready skills needed to obtain entry-level employment in the Auto Body industry.
2. Demonstrate personal and professional health and safety practices required for the Auto Body industry.
3. Demonstrate professional work ethics and standards that are expected when working in the Auto Body industry.

Required Courses

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<td>Basic Autobody Restoration</td>
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<td>Introduction to Autobody Technology</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 71</td>
<td>Carb - Nonstructural 1 &amp; 2</td>
<td>2</td>
</tr>
<tr>
<td>AUTO 21</td>
<td>I-Car Autobody Shop Experience</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 278</td>
<td>I-Car Autobody Refinishing 1 &amp; 2</td>
<td>2</td>
</tr>
<tr>
<td>AUTO 30</td>
<td>Manual Drive Trains-Gas and Diesel Vehicles</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 45</td>
<td>Engine Diagnosis/Rebuilding</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 61B-B OR 62A-B OR 63 series</td>
<td>3</td>
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</tr>
<tr>
<td><strong>Total units required</strong></td>
<td><strong>33</strong></td>
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</tr>
</tbody>
</table>

TUNE-UP and DRIVEABILITY (Certificate of Achievement)

Students who complete this program should be able to:
1. Demonstrate the job ready skills needed to obtain entry-level employment in the Auto Body industry.
2. Demonstrate personal and professional health and safety practices required for the Auto Body industry.
3. Demonstrate professional work ethics and standards that are expected when working in the Auto Body industry.

Required Courses

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<tbody>
<tr>
<td>AUTO 20</td>
<td>Automotive Technical Skills</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 32</td>
<td>Hydraulics (Fluid Power)</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 30</td>
<td>Manual Drive Trains-Gas and Diesel Vehicles</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 31</td>
<td>Automatic Transmissions Gas and Diesel Vehicles</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 33</td>
<td>Fuel Systems</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 36</td>
<td>Air Conditioning and Heating Systems</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 55</td>
<td>Advanced Tune-Up</td>
<td>5</td>
</tr>
<tr>
<td>AUTO 61D</td>
<td>Engine Performance Experience</td>
<td>1</td>
</tr>
<tr>
<td>AUTO 95</td>
<td>State Emission Control License</td>
<td>0.5</td>
</tr>
<tr>
<td><strong>Total units required</strong></td>
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<td></td>
</tr>
</tbody>
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To learn more about specialized training, contact Career Services at 714-568-9400.

For more information about what we offer, visit the Career Services office or call 714-568-9400.
Programs and Courses

AUTO 21  Introduction to Automobiles  3 units
36 lecture hours, 54 lab hours
Transferable to CSU
A comprehensive study of the automobile, including fundamental operating principles, nomenclature, structural analysis, major design theories, systems function, systems service, minor repair procedures, major repair complexities, current laws and regulations, political action, and personal economics/decision making. Grades are P/NP option.

AUTO 22  Hydraulics (Fluid Power)  3 units
36 lecture hours, 54 lab hours
Transferable to CSU
The course covers the application of hydraulics (fluid power) to the fields of automotive machine trades, robotics, industry, and agriculture. It is recommended that a student has an understanding of pre-algebra before enrolling in this course. Grades are P/NP option.

AUTO 33  Fuel Systems  4 units
36 lecture hours, 108 lab hours
Transferable to CSU
An in-depth study of conventional and state-of-the-art fuel systems. A strong emphasis is placed on electronic fuel injection and computerized fuel management systems. Additional study in 5-gas analyzers and combustion theory is included. Concurrent enrollment in AUTO 44 is recommended. Grades are P/NP option.

AUTO 41  Alignment and Suspension  4 units
54 lecture hours, 54 lab hours
Transferable to CSU
Basic operating principles of automotive suspension and steering systems with an emphasis on 4-wheel alignment, including suspension and steering operating theory, tire repair and balancing, operation, replacement of all suspension and steering components, overhaul of steering gears and pumps, and front and rear wheel alignment. Grades are P/NP option.

AUTO 44  Electrical Systems  6 units
74 lecture hours, 50 lab hours
Transferable to CSU
A comprehensive study of current automotive electrical systems with a strong emphasis on diagnosis, service and repair of wiring, ignition, charging, starting, domestic and import computer management systems. Includes usage of test equipment, meters, scanners, and state-of-the-art test equipment. Recommended enrollment in AUTO 33. Grades are P/NP option.

AUTO 45  Engine Diagnosis and Rebuilding  4 units
36 lecture hours, 54 lab hours
Transferable to CSU
Includes engine theory of operation, pre-tar down diagnosis, disassembly techniques, engine cleaning methods, measurement tools, component identification, lubrication systems, and assembly break-in procedures. Alternative fuels and hybrid engine drive train will also be presented. Grades are P/NP option.

AUTO 46  Engine Machining and Reconditioning  3 units
36 lecture hours, 54 lab hours
Transferable to CSU
Advanced principles of engine machining and reconditioning techniques with a strong emphasis on high performance production machining. Intended for students who desire further study and skills working with automotive machining and assembly methods. Grades are P/NP option.

AUTO 50B  Advanced Engine Performance and Diagnosis  2 units
27 lecture hours, 27 lab hours
Advanced study with current automotive/diesel diagnostic tools and methods used to troubleshoot and repair complex problems related in fuel, electrical, and emissions control. Includes diagnostic skills in drivability, onboard diagnostics I & II, including scan tools, meter use, lab scope, computerized analyzers and dynamometer five-gas emission diagnostic equipment and other related equipment as it relates to gas or diesel electronic engine management systems. Bureau of Automotive Repair L-1 certification is offered upon successful completion of final test. Grades are P/NP option.

AUTO 52.30  Manual Drive Trains/Gas and Diesel Vehicles  3 units
36 lecture hours, 54 lab hours
This course will cover basic operating principles of manual drive trains which consist of clutches, standard transmission/ transaxles, drive shafts, drive axle assemblies, and transfer cases. Emphasis on related gear, bearing, and lubrication theory; normal maintenance, service, and adjustment operations; problem diagnosis; and overhaul procedures for gasoline and diesel vehicles. Grades are P/NP option.

AUTO 52.36  Air Conditioning and Heating Systems  3 units
36 lecture hours, 54 lab hours
This course covers operating principles of automotive air conditioning, heating, and ventilating systems. Includes air conditioner and heater operating, engine cooling system, system operation with normal service and adjustment procedures, problem diagnosis, repair procedures, and an introduction to automotive temperature control systems. Activities include in-depth operations not normally covered in the basic course. Intended primarily for students with prior practical experience in automotive engine machining and reconditioning. Grades are P/NP option.

AUTO 52.40  Brake Systems  4 units
54 lecture hours, 54 lab hours
This course covers basic operating principles of automotive braking systems including brake theory, hydraulic operation, hydraulic control valves, power brake units, electronic control systems and anti-lock brake systems (ABS). Industry standards and practices for the inspection, diagnosis, service, and repair of automotive and light truck brake systems will also be covered. Students are strongly encouraged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP option.

AUTO 53.31  Automatic Transmission Gas/ Diesel Vehicles  4 units
36 lecture hours, 54 lab hours
This course covers basic operating principles of automatic transmissions and transaxles. Topics include planetary gear sets, hydraulic operation, electronic controls, and torque converters; manual maintenance, service and adjustment operations; problem diagnosis procedures; and overhaul procedures for automotive and truck applications. Students are strongly encouraged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP option.

AUTO 55  Advanced Tune-Up  5 units
36 lecture hours, 162 lab hours
Prerequisite: Satisfactory completion of AUTO 33 and AUTO 44
Advanced automotive tune-up emphasizing problems pertaining to fuel injection, emission, computers, wiring systems, and diesel electronic engine management systems. Latest diagnostic, tune-up equipment, and services skills will be demonstrated and used. Grades are P/NP option.

AUTO 61A  Engine Repair Experience  1 unit
54 lab hours
Prerequisite: Satisfactory completion of AUTO 45 or concurrent enrollment
Individualized activities intended to meet the specific needs of advanced students through specialized training in automotive engine repair. Activities include in-depth operations not normally covered in the basic course. Intended primarily for students with prior practical experience in automotive engine machining and reconditioning. Grades are P/NP option.

AUTO 62  Manual Drivetrain and Axles Exp  1 unit
54 lab hours
Corequisite: Concurrent enrollment or satisfactory completion of AUTO 52.30
This course includes individualized activities intended to meet the specific needs of advanced students through specialized training in automotive manual drive-trains and axles. Activities include in-depth operations not normally covered in the basic course. Intended primarily for students with prior practical experience in automotive manual drive-trains and axles. Students are strongly encouraged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP option.

AUTO 62B  Auto Transmission/Transaxle Exp  1 unit
54 lab hours
Corequisite: Concurrent enrollment or satisfactory completion of AUTO 52.30
This course includes individualized activities intended to meet the specific needs of advanced students through specialized training in automatic transmission manual drive-trains and axles. Activities include in-depth operations not normally covered in the basic course. Intended primarily for students with prior practical experience in automotive transmission manual drive-trains and axles. Grades are P/NP option. (L,M,C)

AUTO 62C  Suspension and Steering  1 unit
54 lab hours
Corequisite: Concurrent enrollment or satisfactory completion of AUTO 52.30
This course includes individualized activities intended to meet the specific needs of advanced students through specialized training in automotive suspension and steering. Activities include in-depth operations not normally covered in the basic course. Intended primarily for students with prior practical experience in automotive suspension and steering. Grades are P/NP option. (L,M,C)

AUTO 62D  Suspension and Steering  1 unit
54 lab hours
Corequisite: Concurrent enrollment or satisfactory completion of AUTO 52.30
Other: is also recommended that students have already taken AT41. This course is intended to meet the specific needs of advanced students through specialized training in Alignment and Suspension.

AUTO 62E  Suspension and Steering  1 unit
54 lab hours
Corequisite: Concurrent enrollment or satisfactory completion of AUTO 52.30
This course includes individualized activities intended to meet the specific needs of advanced students through specialized training in automotive suspension and steering. Activities include in-depth operations not normally covered in the basic course. Intended primarily for students with prior practical experience in automotive suspension and steering. Grades are P/NP option. (L,M,C)

AUTO 63C  Engine Performance Experience  1 unit
54 lab hours
Prerequisite: Satisfactory completion of AUTO 44 or concurrent enrollment
Individualized activities intended to meet the specific needs of advanced students through specialized training in automotive fuel, emissions and electrical systems. Activities include in-depth operations not normally covered in the basic course. Intended primarily for students with prior practical experience in automotive engine performance. Grades are P/NP option.

AUTO 64A  Engine Performance Experience  1 unit
54 lab hours
Prerequisite: Satisfactory completion of AUTO 44 or concurrent enrollment
Individualized activities intended to meet the specific needs of advanced students through specialized training in automotive fuel, emissions and electrical systems. Activities include in-depth operations not normally covered in the basic course. Intended primarily for students with prior practical experience in automotive engine performance. Grades are P/NP option.

AUTO 65C  Electrical Systems Experience  1 unit
54 lab hours
Prerequisite: Satisfactory completion of AUTO 44 or concurrent enrollment
Individualized activities intended to meet the specific needs of advanced students through specialized training in electrical systems. Activities include in-depth operations not normally covered in the basic course. Intended primarily for students with prior practical experience in automotive electrical systems. Grades are P/NP option.

AUTO 66  Performance and Diagnosis  1 unit
27 lab hours
Prerequisite: Satisfactory completion of AUTO 44 or concurrent enrollment
Individualized activities intended to meet the specific needs of advanced students through specialized training in automotive performance and diagnosis. Activities include in-depth operations not normally covered in the basic course. Intended primarily for students with prior practical experience in automotive performance and diagnosis. Grades are P/NP option.

AUTO 67  Performance and Diagnosis  1 unit
27 lab hours
Prerequisite: Satisfactory completion of AUTO 44 or concurrent enrollment
Individualized activities intended to meet the specific needs of advanced students through specialized training in automotive performance and diagnosis. Activities include in-depth operations not normally covered in the basic course. Intended primarily for students with prior practical experience in automotive performance and diagnosis. Grades are P/NP option.


2018-2019 Catalog
### Programs and Courses

**AUTO 62D** Brakes Experience 1 unit  
54 lab hours  
Corequisite: Concurrent enrollment or satisfactory completion of: AUTO 48.  
Other: It is also recommended that students have already taken AT45. This course is intended to meet the specific needs of advanced students through specialized training in automotive brakes. Activities include in-depth operations not normally covered in the basic course. Intended primarily for students with prior practical experience in automotive brakes. (L,M,C)

**AUTO 62E** Heat and Air Conditioning 1 unit  
Experience  
54 lab hours  
Corequisite: Concurrent enrollment or satisfactory completion of: AUTO 52.  
This course includes individualized activities intended to meet the specific needs of advanced students through specialized training in automotive Brakes and Conditioning. Activities include in-depth operations not normally covered in the basic course. This course is intended to meet the specific needs of advanced students through specialized training in Air Conditioning and Heating Systems. Grades are P/NP option. (L,M,C)

**AUTO 63** Basic Autobody Restoration 3 units  
54 lecture hours, 54 lab hours  
Other: Students must have their own repair and refresh materials. Students working on their own vehicles are required to supply the materials needed to finish their project. District materials will not be furnished.  
This course is designed for the student who wants to learn the basic techniques needed to restore a student-provided classic car or contemporary vehicle. Topics covered in this course will include equipment and tool safety, the different types of automotive repair and materials available, how to determine if a panel should be replaced or repaired, the damage removal sequence, paintless dent repair tools, and what is the best welding equipment and technique to use in the repair, decoding VIN number information, engine and transmission identification, Students are strongly encouraged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP option. (L)

**AUTO 70** Introduction to Autobody 4 units  
Technology  
54 lecture hours, 54 lab hours  
Introduces the student to the fundamentals of Autobody Collision repair. Topics include hazardous material regulations including handling, storage, and disposal of hazard wastes, SDS card information, personal protective equipment, repair facility safety, basic electrical circuitry, electric hybrid vehicles, vehicle design and collision energy management, tool identification usage, and maintenance. Grades are P/NP option.

**AUTO 72** Collision Repair and Refinishing 15 units  
54 lecture hours, 54 lab hours  
This course is designed to develop entry level job skills in the areas of basic body repair and refinishing. Shop safety, theories, use of trade equipment and hands-on activities are used to perform practical repair operations. Students who complete this course will be eligible to take I-CAR Non-Structural and Refinish tests to earn ProLevel 1 points. Grades are P/NP option.

**AUTO 75** I-Car Structural Steel 1 4 units  
54 lecture hours, 54 lab hours  
This course will cover the principal and theory of automotive collision repair including component alignment, component replacement, structural panel repair or replacement, and chassis/frame alignment. Sectioning and full-panel replacement techniques and procedures are covered. Practical applications are emphasized. Students enrolled in the Auto Body Technology program (AUTO 75 and 76) will be eligible to apply for Inter-Industry Conference on Automotive Repair (I-CAR) points. This I-CAR alliance course also prepares students for Automotive Service Excellence (ASE) testing and National Automotive Technologies Education Foundation (NATEF) training standards. Grades are P/NP option. (L)

**AUTO 76** I-Car Autobody - 4 units  
Non-Structural 1 and 2  
54 lecture hours, 54 lab hours  
This course provides the technical information and hands on experience needed to perform cosmetic straightening of steel and aluminum panels. Topics include: removal and replacement of bolted on panels; removal and replacement of bumper facias; removal and replacement of headlight and tail lamp assemblies; removal, replacement and treatment of movable glass; introduction to steel GMA-MIG welding and squeeze-type resistance spot welding; and adhesive bonded panel replacement. Grades are P/NP option. (L)

**AUTO 77** I-Car Autobody - 5 units  
Non-Structural 1 and 2  
72 lecture hours, 54 lab hours  
- Effective Spring 2019 -  
This course provides the technical information and hands on experience needed to perform cosmetic straightening of steel, aluminum and plastic repair. Topics include: removal and replacement of bolted on panels; removal, replacement and repair of bumper facias; removal and replacement of headlight and tail lamp assemblies; removal, replacement and treatment of movable glass. Introduction to steel GMA-MIG welding, aluminum GTAW-TIG welding, STRSW: squeeze-type resistance spot welding, MIG Brazeing, nitrogen plastic welding, plasma arc cutting and adhesive bonded panel replacement. Body work as hand tools, abrasives and filters will be covered. Grades are P/NP option. (L)

**AUTO 78** Collision Repair and Refinishing 1 4 units  
54 lecture hours, 54 lab hours  
This course includes the principles and theories of paint finish application, tinning and blending, color evaluation, color adjustments, color mismatch problems, finishing techniques, removal of finish defects, refinishing, equipment specifications, and masking. Other topics include paint application techniques, restoration of corrosion protection, blending procedures, new and emerging paint technologies, color identification, and interpreting vehicle color codes. Grades are P/NP option. This course also addresses compliance with OSHA, and EPA rules. Students enrolled may be eligible to apply for I-CAR’s Provider Certification. YC/I-CAR alliance course also prepares students for ASE testing. Grades are P/NP option. (L)

**AUTO 79** I-Car Autobody - 5 units  
Refinishing 1 and 2  
72 lecture hours, 54 lab hours  
- Effective Spring 2019 -  
This course includes the principles of paint finish application, tinning, blending, color identification, color mismatch problems, finishing techniques, removal of finish defects, refinishing, equipment specifications, and masking. Other topics include paint application techniques, restoration of corrosion protection, blending procedures, new and emerging paint technologies, color identification, and interpreting vehicle color codes. Grades are P/NP option. This course also addresses compliance with OSHA, and EPA rules. Students enrolled may be eligible to apply for Inter-Industry Conference on Automotive Collision repair (I-CAR) points. This YC/I-CAR alliance course also prepares students for ASE testing. Grades are P/NP option. (L)

**AUTO 81** Hybrid/Alternative Fuels 2 units  
Vehicles for Service Technicians  
27 lecture hours, 27 lab hours  
Advanced study of hybrid and alternative fuel vehicles to equip automotive majors and field technicians with the information and skills necessary to service and repair current automotive hybrid and alternative fuel vehicles. This course is designed for students who have previously completed Automotive Collision repair (I-CAR) points. Grades are P/NP option. (L)

**AUTO 95** State Emission Control License 7 units  
117 lecture hours, 30 lab hours  
Prerequisite: Successful completion of: AUTO 55  
Emphasis on preparing individuals who desire to work in the State or Federal Emission Control license. Intended for A-6 & A-8 certified automotive technicians and majors. Grades are P/NP. (CL)
The Associate of Science Degree in Biology for Transfer is designed to prepare students for an automatic transfer to California State University institutions with Biology degrees. The Biology program at Yuba College offers a range of courses that fulfill general education and transfer requirements and prepares students for further study in Biology leading to BA, BS, MA, MS and/or Ph.D. degrees.

**BIOL 1**

Principles of Biology 5 units

Lecture 54 hours, Lab 108 hours

Prerequisite: Satisfactory completion of: BIOL 1, MATH 52 or MATH 52B or satisfactory score on mathematics placement exam.

Transferable to CSU/UC

*Corequisite:* Concurrent enrollment or satisfactory completion of: BIOL 1 or BIOL 15 Transferable to CUS/UC

An introduction to the unifying principles of biology including the chemistry of cell structure and function, energy, genetics, evolution, and organismal structure. Grades are P/NP option. (L,C)

**BIOL 2**

General Zoology 4 units

Lecture 36 hours, Lab 108 hours

Prerequisite: Satisfactory completion of: BIOL 1, MATH 52 or MATH 52B or satisfactory score on mathematics placement exam.

Transferable to CSU/UC

*Corequisite:* Concurrent enrollment or satisfactory completion of: BIOL 1 or BIOL 15 Trasnsferable to CUS/UC

An introduction to the physiological principles, function, integration and homeostasis of the human body at the cellular, tissue, organ, organ system and organismic levels. Includes physiological topics within the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems. (L,M,C)

**BIOL 3**

General Botany 4 units

Lecture 36 lecture hours, 108 lab hours

Prerequisite: Satisfactory completion of: BIOL 1 and MATH 52 or MATH 52B Transferable to CSU/UC

*C-ID BIOL 155*

Applies the concepts introduced in Biology 1 to the study of animals and evolution. Course includes a survey of animal phyla and non-photosynthetic, single-celled, eukaryotic taxa. Specific animal topics include: patterns of diversity and classification, morphology and physiology, life cycles and development, the significance of sexual reproduction, and animal behavior. Evolution topics include specialization, phylogeny, macro- and microevolution, adaptation to environmental and social challenges, and natural selection. Other topics include general drift, gene flow, mutation, nonrandom mating, and basic population genetics. Designed for biology majors and related fields, but open to all qualified students. Grades are A or better. (L,C)

**BIOL 4**

Human Anatomy 4 units

Lecture 36 lecture hours, 108 lab hours

Prerequisite: Satisfactory completion of: BIOL 1 or BIOL 15 Transferable to CSU/UC

*C-ID BIOL 110*

An introduction to the gross, microscopic and organizational structure of the human body. Includes an emphasis upon the interrelationship between structure and function of cells, tissues, organs, and systems. The course is primarily intended for nursing, allied health, kinesiology, and other health related majors. (L,C)

**BIOL 5**

Human Physiology 4 units

Lecture 36 lecture hours, 108 lab hours

Prerequisite: Satisfactory completion of: BIOL 1 or BIOL 15 Transferable to CSU/UC

*C-ID BIOL 120*

An introduction to the physiological principles, function, integration and homeostasis of the human body at the cellular, tissue, organ, organ system and organismic levels. Includes physiological topics within the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems. (L,M,C)

**BIOL 6**

Introductory Microbiology 4 units

Lecture 36 lecture hours, 108 lab hours

Prerequisite: Satisfactory completion of: BIOL 1 or BIOL 15 Transferable to CSU/UC

History, structure, metabolism, genetics, and ecology of microscopic life forms; their relationship to disease, immunology, agriculture, and industry. Laboratory emphasizes the development of techniques for the detection, isolation, and identification of both harmless and pathogenic species. (L,C)

**BIOL 10**

General Biology 3 units

Lecture 54 lecture hours

Transferable to CSU/UC - UC Unit Limit

The science of life for non-science majors. Provides an overview of the world of living organisms including their classification and unifying characteristics. Introduces basic biological processes such as homeostasis, photosynthesis, cellular respiration, DNA function, cellular reproduction, evolution, and ecosystem interactions with an emphasis on the relationships of function and interaction of the living organisms. Lecture only. Not open for credit to students with credit in: BIOL 10L. Grades are P/NP option. (L)

**BIOL 10L**

General Biology 4 units

Lecture 54 lecture hours, Lab 54 hours

Transferable to CSU/UC - UC Unit Limit

The science of life for non-science majors. Provides an overview of the world of living organisms including their classification and unifying characteristics. Introduces basic biological processes such as homeostasis, photosynthesis, cellular respiration, DNA function, cellular reproduction, evolution, and ecosystem interactions with an emphasis on the relationships of function and interaction of the living organisms. Labs and lectures. Not open for credit to students with credit in BIOL 10. Grades are P/NP option. (L,C)

**BIOL 11**

General Biology Laboratory 1 unit

Lecture 18 lecture hours

Corequisite: Concurrent enrollment or satisfactory completion with a C or better in: BIOL 10 Transferable to CSU/UC

Hands-on laboratory study of biology for non-science majors. Exploration of origin, characteristics, regulation, energy utilization, reproduction, and interactions of living organisms. Not open for credit to students with credit in BIOL 10L. Grades are P/NP option. (L)

**BIOL 11L**

General Biology Laboratory 1 unit

Lecture 54 lab hours

Transferable to CSU/UC - UC Unit Limit

The science of life for non-science majors. Provides an overview of the world of living organisms including their classification and unifying characteristics. Introduces basic biological processes such as homeostasis, photosynthesis, cellular respiration, DNA function, cellular reproduction, evolution, and ecosystem interactions with an emphasis on the relationships of function and interaction of the living organisms. Labs and lectures. Not open for credit to students with credit in BIOL 10L. Grades are P/NP option. (L,C)

**BIOL 24**

Human Biology 3 units

Lecture 54 lecture hours

Transferable to CSU/UC - UC Unit Limit

An introduction to general biology of human beings. Emphasis is placed on the concepts, mechanisms and terminology used in anatomy, physiology and ecology. Topics include cell structure and function, human evolution, anatomy and physiology of the organ systems, genetics, and the human impact on the environment. (L)

**BIOL 24L**

Human Biology with Laboratory 4 units

Lecture 54 lecture hours, Lab 54 hours

Transferable to CSU/UC

An introduction to the general biology of human beings. Emphasis is placed on the concepts, mechanism and terminology used in anatomy, physiology and ecology. Topics include cell structure and function, human evolution, anatomy and physiology of the organ systems, genetics, and the human impact on the environment. This lab portion of the course is designated to provide an introduction general biology laboratory with an emphasis on humans. Topics include microscopy, cell structure and function, human anatomy and physiology and genetics. Grades are P/NP option. (L,C)

**BIOL 25**

Human Genetics 3 units

Lecture 54 lecture hours

Transferable to CSU/UC

Designed for non-science majors to provide an understanding of basic principles of genetics, current developments in genetics, and the influence of genes and the environment in determining human characteristics. Grades are P/NP option. (L)

**BIOL 34**

Active Anatomy 1 unit

Lecture 18 lecture hours

Transferable to CSU

Active Anatomy is designed to engage students in the process of learning human anatomy. Students will work cooperatively to learn, review and discover the anatomy of the human body. Students will participate in activities and games to build anatomy knowledge and understanding. (L)

**BIOL 35**

Problem Solving in Physiology 1 unit

Lecture 18 lecture hours

Transferable to CSU

A companion course to BIOL 5, Human Physiology, appropriate for those wishing additional review in Physiology. Lectures, discussions, and case histories used to explore difficult concepts such as osmoregulation, nervous system function, acid-base balance, hormonal control, immunity. Time will be allowed for consideration of topics chosen by students. (L)
### Business Administration (Associate in Science for Transfer)

Students who complete this program should be able to:
1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technological skill.
3. Analyze both internal and external data/information in addressing and evaluating problems and issues in making informed business decisions.

#### Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 1</td>
<td>Principles of Accounting - Financial</td>
<td>4</td>
</tr>
<tr>
<td>ACCT 1A</td>
<td>Principles of Accounting - Financial Lab</td>
<td>.5</td>
</tr>
<tr>
<td>ACCT 2L</td>
<td>Principles of Accounting - Managerial</td>
<td>5</td>
</tr>
<tr>
<td>ECON 1A</td>
<td>Elements of Microeconomic Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ECON 1B</td>
<td>Business Economics - Micro</td>
<td>3</td>
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<tr>
<td>GNBUS 18A</td>
<td>Business Law</td>
<td>3</td>
</tr>
<tr>
<td>MATH 25</td>
<td>Finite Math (CSU Chico)</td>
<td>3</td>
</tr>
</tbody>
</table>

#### List A Courses

Choose 3-4 units (3 units may be GE):
- MATH 9 Calculus forBusiness, Social and Life Science (CSU Sacramento) OR MATH 15 Finite Math (CSU Chico)...

#### List B Courses

Choose two (6 units):
- BCA 15 Business Computer Applications - Applications | BCA 15 | 3 units...
- GNBUS 10 Introduction to Global Business | 3 units...
- GNBUS 21 Business Communications | 3 units...

Total units required for degree major: 24-27

Additional Required Courses:
- ACCT 8 Individual Income Taxes-Federal/State | 4 units
- ACCT 9 Business Payroll Procedures | 3.5 units
- C-ID ACCT 110 (ACCT 1 & ACCT 1A) | 27 lab hours
- C-ID ACCT 120 | 24.5 units

Students must complete a minimum of 80 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AS, AAS. Please see your counselor for additional information.

### BUSINESS ADMINISTRATION (Associate in Science)

Students who complete this program should be able to:
1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technological skill.
3. Analyze both internal and external data/information in addressing and evaluating problems and issues in making informed business decisions.

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</table>

#### Additional Required Courses

- MATH 9 Calculus for Business, Social and Life Science (CSU Sacramento) OR MATH 15 Finite Math (CSU Chico)...
- BCA 15 Business Computer Applications - Applications | BCA 15 | 3 units...
- GNBUS 10 Introduction to Global Business | 3 units...
- GNBUS 21 Business Communications | 3 units...

Total units required: 24.5

### ACCOUNTING

- C-ID ACCT 10A or BCA 15 and ACCT 1 or ACCT 1A or ACCT 1L Transferable to CSU UC - UC Unit Limit
- C-ID ACCT 120 Emphasizes accounting principles and tools used by management in decision-making, planning, directing, and controlling operations. Focuses on cost terms and concepts, cost behavior, cost structure and cost-volume-profit analysis. Includes budgetary techniques, issues relating to cost systems, cost control, profit planning, and performance analysis for manufacturing and service environments; and utilizing computer applications as a tool in preparing and analyzing managerial related accounting reports. (L,M,C)

### BUSINESS ADMINISTRATION (Associate in Science)

#### Required Courses

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#### Additional Required Courses

- MATH 9 Calculus for Business, Social and Life Science (CSU Sacramento) OR MATH 15 Finite Math (CSU Chico)...
- BCA 15 Business Computer Applications - Applications | BCA 15 | 3 units...
- GNBUS 10 Introduction to Global Business | 3 units...
- GNBUS 21 Business Communications | 3 units...

Total units required: 24.5

### ACCOUNTING

- ACCT 1 Principles of Accounting - Financial | 4 units
- ACCT 1A Principles of Accounting - Financial Lab | .5 unit
- ACCT 2L Principles of Accounting - Managerial | 5 units
- ECON 1A Elements of Microeconomic Analysis | 3 units
- ECON 1B Business Economics - Micro | 3 units
- GNBUS 18A Business Law | 3 units

#### Additional Required Courses

- MATH 9 Calculus for Business, Social and Life Science (CSU Sacramento) OR MATH 15 Finite Math (CSU Chico)...
- BCA 15 Business Computer Applications - Applications | BCA 15 | 3 units...
- GNBUS 10 Introduction to Global Business | 3 units...
- GNBUS 21 Business Communications | 3 units...

Total units required: 24.5

### BUSINESS ADMINISTRATION (Associate in Science)

Students who complete this program should be able to:
1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technological skill.
3. Analyze both internal and external data/information in addressing and evaluating problems and issues in making informed business decisions.

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</tbody>
</table>

#### Additional Required Courses

- MATH 9 Calculus for Business, Social and Life Science (CSU Sacramento) OR MATH 15 Finite Math (CSU Chico)...
ACCT 6 Individual Income Taxes - Federal and State 4 units
72 lecture hours
Other: ACCT 10A and/or prior tax experience recommended. Transferable to CSU.
Individual income tax preparation, forms and computations; business and professional returns; federal and state returns. Individual Income Taxes - Federal/State (ACCT 6) is a CTEC approved course, which fulfills the 60-hour "qualifying education" requirement for tax preparers. A listing of additional requirements to register as a tax preparer may be obtained by contacting CTEC at P.O. Box 2890, Sacramento, CA 95812-2890, by fax at (877) 850-2832, or on the Internet at www.ctec.org (L,M)

ACCT 9 Business Payroll Procedures 3 units
48 lecture hours, 18 lab hours
Transferable to CSU
Introduction to payroll terminology, procedures, calculations, record-keeping, timelines, percentages, limitations, and laws that relate to maintaining payroll for business firms in California; computerized payroll procedures will also be presented. Prior accounting knowledge is not necessary. (L,M)

ACCT 10A General Accounting 4 units
72 lecture hours
Transferable to CSU
Introductory accounting course covering accounting principles and practices, the complete accounting cycle, and creation of financial reports. Use of proper procedures in the General Journal, Special Journals, General Ledger and Subsidiary Ledgers. Includes payroll processes, and proper Financial Reporting. (L,M)

ACCT 10A General Accounting 4 units
Effective Spring 2019 - 72 lecture hours
Transferable to CSU
Introductory accounting course covering accounting principles and practices, the complete accounting cycle, and creation of financial reports. Use of proper procedures in the General Journal, Special Journals, General Ledger and Subsidiary Ledgers. Includes payroll processes, and proper Financial Reporting. (L,M)

BUSINESS COMPUTER APPLICATIONS (Associate in Science)
Students who complete this program should be able to:
1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technological skill.
3. Analyze both internal and external data/information in addressing and evaluating problems and issues in making informed business decisions.

Required Courses Units
ACCT 3 Computerized Accounting
ACCT 1L Principles of Accounting-Financial OR ACCT 10A General Accounting
BCA 15 Business Computer Applications - Beginning
BCA 17 Business Computer Applications - Advanced
BCA 18 Business Windows XP
BCA 19 Advanced Access
BCA 41B Windows XP
GNBUS 95 Business Mathematics
Total units required for degree major: 19.0
Prerequisite: Satisfactory completion of: BCA 1

BUSINESS COMPUTER APPLICATIONS (Certification of Training)
Students who complete this program should be able to:
1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technological skill.
3. Analyze both internal and external data/information in addressing and evaluating problems and issues in making informed business decisions.

Required Courses Units
ACCT 3 Computerized Accounting
ACCT 1L Principles of Accounting-Financial OR ACCT 10A General Accounting
BCA 15 Business Computer Applications - Beginning
BCA 17 Business Computer Applications - Advanced
BCA 22B Advanced Microsoft Word
BCA 34 Advanced Excel
BCA 37A Introduction to Access
BCA 37B Advanced Access
BCA 41B Windows XP
OA 22 Machine Calculation
Total units required: 20.5

BUSINESS COMPUTER APPLICATIONS (Certificate of Achievement)
Students who complete this program should be able to:
1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technological skill.
3. Analyze both internal and external data/information in addressing and evaluating problems and issues in making informed business decisions.

Required Courses Units
ACCT 3 Computerized Accounting
ACCT 1L Principles of Accounting-Financial OR ACCT 10A General Accounting
BCA 15 Business Computer Applications - Beginning
BCA 17 Business Computer Applications - Advanced
BCA 22B Advanced Microsoft Word
BCA 34 Advanced Excel
BCA 37A Introduction to Access
BCA 37B Advanced Access
BCA 41B Windows XP
OA 22 Machine Calculation
Total units required: 19

Business Info Systems 3 units
Transferable to CSU
Examination of information systems in business. Focus on information systems, data warehousing, database management, business intelligence, networking, e-commerce, ethics and security. Computer systems hardware and software components. Application of these concepts and methods through projects developing computer-based solutions to business problems. (L,C)

BPCA 15 Business Computer Applications - Beginning 3 units
45 lecture hours, 27 lab hours
Transferable to CSU
Develop beginning to intermediate skills using the Microsoft Office Suite. Basic features of Word, Excel and PowerPoint are covered. Hands-on activities will focus on creating simple, integrated documents for business, personal and academic purposes. Typing skills are advised. (L,M)

BPCA 17 Business Computer Applications - Advanced 3 units
36 lecture hours, 54 lab hours
Prequisite: Satisfactory completion of: BCA 15
Transferable to CSU
Develop an intermediate/advanced level of skills using the Microsoft Office Suite. Advanced features of Word, Excel, Access, and PowerPoint are covered along with how to use Object Linking and Embedding (OLE) to create integrated Office documents. Prior experience using Windows, the Internet, and MS Office Suite is assumed. (L,M)

BPCA 22A Introduction to Microsoft Word 1 unit
9 lecture hours, 18 lab hours
Transferable to CSU
Overview of the basic features of Microsoft Word: Creating, editing, and saving documents; file management; basic text, paragraph, and page formatting; page numbering; printing options; tables and columns. Grades are P/NP. (L)

BPCA 26 Microsoft PowerPoint 1 unit
12 lecture hours, 16 lab hours
Transferable to CSU
Learn the basics of PowerPoint and more: create presentations, add visuals, include elements and data from other sources, modify master slides and timings. Customize, prepare for distribution and deliver presentations. Familiarity with keyboard recommended. Grades are P/NP.

BPCA 33A Introduction to Microsoft Excel 1 unit
12 lecture hours, 16 lab hours
Transferable to CSU
Learn basic features of Microsoft Excel: Including: using the interface, working with text, labels, values, formulas, functions, editing and formatting. Spreadsheets designed for decision-making, creating charts, and data management. Hands-on coursework that focuses on business, academic and personal applications. Grades are P/NP. (L,M,C)

Computer Literacy: recommended eligibility for English 1A.
Computer Literacy: recommended basic computer skills.
<table>
<thead>
<tr>
<th>Program Code</th>
<th>Title</th>
<th>Units</th>
<th>Hours</th>
<th>Prerequisite</th>
<th>Transferable to CSU</th>
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</thead>
<tbody>
<tr>
<td>BCA 34</td>
<td>Advanced Microsoft Excel</td>
<td>1</td>
<td>12</td>
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<tr>
<td>BCA 34</td>
<td>Windows 7</td>
<td>1</td>
<td>12</td>
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<tr>
<td>BCA 34</td>
<td>Internet Literacy and Safety</td>
<td>3</td>
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<td>BCA 36</td>
<td>Desktop Operating Systems</td>
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<td>BCA 41A Windows 7</td>
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<td>BCA 37A</td>
<td>BCA 42A Internet Literacy and Safety</td>
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<td>GNBUS 10</td>
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<td>GNBUS 15A</td>
<td>Business Law</td>
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<td>GNBUS 25</td>
<td>Career Planning</td>
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<td>GNBUS 35</td>
<td>Principles of Management</td>
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<td>GNBUS 52</td>
<td>Business English</td>
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<td>GNBUS 56</td>
<td>Business Mathematics</td>
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</table>

**General Business**

**GENERAL BUSINESS MANAGEMENT (Associate in Science)**

Students who complete this program should be able to:

1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technological skill.
3. Analyze both internal and external data/information in addressing and evaluating problems and issues in making informed business decisions.

**Required Courses**

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<th>Title</th>
<th>Units</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>BCA 15</td>
<td>Business Computer Applications - Beginning</td>
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<td>GNBUS 10</td>
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<tr>
<td>GNBUS 15A</td>
<td>Business Law</td>
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<td>GNBUS 56</td>
<td>Business Mathematics</td>
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<td>MGMT 35</td>
<td>Principles of Management</td>
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<tr>
<td>PSYCH 1A</td>
<td>General Psychology</td>
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<tr>
<td>SPECH 1</td>
<td>Public Speaking</td>
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<tr>
<td>SPECH 6</td>
<td>Group Communication</td>
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</tbody>
</table>

**TOTAL UNITS REQUIRED FOR DEGREE MAJOR**

Students earning an AA degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree-applicable units to earn an AA or AS. Please see your counselor for additional information.
**Small Business Management**

The Small Business Management Associate in Science Degree is primarily for students who plan to manage a small business or work in a small business environment. The Small Business curriculum provides students with the basic understanding of existing business practices. Students will be able to understand and apply the principles of business ethics, social responsibilities, mathematics, and technological skill.

**SMALL BUSINESS MANAGEMENT (Certificate of Achievement)**

Students who complete this program should be able to:
1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technological skill.
3. Analyze both internal and external data/information in addressing and evaluating problems and issues in making informed business decisions.

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<tr>
<td>GNBUS 18A Business Law</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 10 Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 15 Human Resource Management</td>
<td>3</td>
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<tr>
<td>MGMT 35 Management Psychology</td>
<td>3</td>
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<td>MGT 82 Marketing Management</td>
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<td>OA 21 Business Communications</td>
<td>3</td>
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<tr>
<td>SPECH 1 Public Speaking</td>
<td>3</td>
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</tbody>
</table>

**Total units required for degree**

1.5 units

**Additional Required Courses**

- **BCA 34 Advanced Excel** 1
- **MGMT 5 Introduction to Supervision** 3
- **MGMT 10 Principles of Management** 3
- **MGMT 35 Management Psychology** 3

**SMALL BUSINESS MANAGEMENT (Certificate of Achievement)**

Students who complete this program should be able to:
1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technological skill.
3. Analyze both internal and external data/information in addressing and evaluating problems and issues in making informed business decisions.

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<tr>
<td>Total units required from the following:</td>
<td>15</td>
</tr>
<tr>
<td>ACCT 10A General Accounting</td>
<td>4.5</td>
</tr>
<tr>
<td>GNBUS 10 Intro. to Global Business</td>
<td>3</td>
</tr>
<tr>
<td>GNBUS 25 Career Planning</td>
<td>3</td>
</tr>
<tr>
<td>GNBUS 56 Business Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>OA 52 Business English</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total units required for degree**

15 units

**MGMT 10 Principles of Management** 3 units

Transferable to CSU

Managerial and organizational theory and practice; planning, organizing, influencing, and controlling. Focusing on the role, functions, and responsibilities of management in a contemporary organization. (L)

**MGMT 14 Entrepreneurship** 3 units

Transferable to CSU

Principles of establishing and managing a small business, including the preparation of a business plan; emphasis on goal-setting, types of business organizations, obtaining licenses and permits, financing options, accounting aspects, legal requirements, managing the enterprise, and other aspects in business entrepreneurship. Not open for credit to students with credit in AG 14. (L/M)

**MGMT 15 Human Resource Management** 3 units

Transferable to CU

Foundations for the contemporary theory and practices relating to the management of people, managing human resources within an organization, and basic personnel processes. (L)

**MGMT 35 Management Psychology** 3 units

Transferable to CSU

Assists students in understanding and applying theories of management and psychology to human behavior in the workplace. Increases awareness of individual- and group-related behaviors, conflict, resolution, and leadership- and organizational dynamics. (L)

**Office Administration**

**Administrative Assistant (Associate in Science)**

Students who complete this program should be able to:
1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technological skill.
3. Analyze both internal and external data/information in addressing and evaluating problems and issues in making informed business decisions.

**Required Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>GNBUS 15 Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>GNBUS 18A Business Law</td>
<td>3</td>
</tr>
<tr>
<td>GNBUS 56 Business Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Total units required for degree major</td>
<td>9</td>
</tr>
</tbody>
</table>

**Total units required for degree**

9 units

**MGMT 5 Introduction to Supervision**

Transferable to CSU

Introduction to the role of the supervisor and understanding of the basic fundamentals of supervision. A practical course designed for the potential working supervisor. (L)
LEGAL OFFICE SKILLS (Associate in Science)

Students who complete this program should be able to:
1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technological skill.
3. Analyze both internal and external data/information in addressing and evaluating problems and issues in making informed business decisions.

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<table>
<thead>
<tr>
<th>Course</th>
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</tr>
</thead>
<tbody>
<tr>
<td>OA 15B Intermediate Keyboarding</td>
<td>3</td>
</tr>
<tr>
<td>OA 17A Word Processing I</td>
<td>3</td>
</tr>
<tr>
<td>OA 17B Word Processing II</td>
<td>3</td>
</tr>
<tr>
<td>OA 22 Machine Calculation</td>
<td>1.5</td>
</tr>
<tr>
<td>OA 21 Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>OA 52 Business English</td>
<td>3</td>
</tr>
<tr>
<td>OA 53 Filing</td>
<td>3</td>
</tr>
<tr>
<td>OA 60 General Office Procedures</td>
<td>4</td>
</tr>
<tr>
<td>OA 61 Advanced Office Procedures</td>
<td>1</td>
</tr>
<tr>
<td>Total units required for degree major</td>
<td>25.5</td>
</tr>
</tbody>
</table>

LEGAL OFFICE SKILLS (Associate in Science)

Students who complete this program should be able to:
1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technological skill.
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<td>3</td>
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<tr>
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<td>3</td>
</tr>
<tr>
<td>OA 52/GNBSU 52 Business English</td>
<td>3</td>
</tr>
<tr>
<td>OA 55 Medical Word Processing</td>
<td>3</td>
</tr>
<tr>
<td>OA 65 Medical Office Procedures</td>
<td>3</td>
</tr>
<tr>
<td>Total units required for degree major</td>
<td>3</td>
</tr>
<tr>
<td>Students earning an AAS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AAS or AS. Please see your counselor for additional information.</td>
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</tr>
</tbody>
</table>

Programs and Courses

ADMINISTRATIVE ASSISTANT (Certificate of Achievement)

Students who complete this program should be able to:
1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technological skill.
3. Analyze both internal and external data/information in addressing and evaluating problems and issues in making informed business decisions.

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<td>3</td>
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<td>3</td>
</tr>
<tr>
<td>OA 22 Machine Calculation</td>
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<td>3</td>
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<td>OA 52 Business English</td>
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<tr>
<td>OA 53 Filing</td>
<td>1</td>
</tr>
<tr>
<td>OA 60 General Office Procedures</td>
<td>4</td>
</tr>
<tr>
<td>OA 61 Advanced Office Procedures</td>
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</tr>
<tr>
<td>Total units required for certificate</td>
<td>25.5</td>
</tr>
</tbody>
</table>

LEGAL OFFICE SKILLS (Associate in Science)

Students who complete this program should be able to:
1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technological skill.
3. Analyze both internal and external data/information in addressing and evaluating problems and issues in making informed business decisions.

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<td>GNBUS 56 Business Mathematics</td>
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<td>NURS 51 Medical Terminology</td>
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<tr>
<td>OA 15B Intermediate Keyboarding</td>
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<tr>
<td>OA 17B Word Processing II</td>
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<tr>
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<tr>
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<tr>
<td>ACCT 10A General Accounting</td>
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<td>ACCT 10A2 General Accounting</td>
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<td>BCA 15 Business Computer Applications - Beginning</td>
<td>3</td>
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<tr>
<td>BCA 33A Introduction to Executive Office</td>
<td>1</td>
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<tr>
<td>BCA 41B Windows XP</td>
<td>3</td>
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<tr>
<td>GNBUS 51 Medical Terminology</td>
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<tr>
<td>OA 15A3 Beginning Keyboarding</td>
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<tr>
<td>OA 17A1 Business Communications</td>
<td>3</td>
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<tr>
<td>OA 52 Business English</td>
<td>3</td>
</tr>
<tr>
<td>OA 53 Filing</td>
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</tr>
<tr>
<td>OA 60 General Office Procedures</td>
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<td>OA 61 Advanced Office Procedures</td>
<td>4</td>
</tr>
<tr>
<td>MGMT 5 Introduction to Supervision</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 10 Principles of Management</td>
<td>3</td>
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<tr>
<td>SPECH 1 Public Speaking</td>
<td>3</td>
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<td>Total units required for degree major</td>
<td>21</td>
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<tr>
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<tr>
<td>ACCT 1L Prin. of Accounting-Financial</td>
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<td>BCA 15 Business Computer Applications - Beginning</td>
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<tr>
<td>BCA 101 Business Computer Applications - Beginning</td>
<td>3</td>
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<tr>
<td>BCA 22A Introduction to Word</td>
<td>3</td>
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<tr>
<td>BCA 22B Advanced Microsoft Word</td>
<td>1</td>
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<tr>
<td>BCA 37A Introduction to Access</td>
<td>3</td>
</tr>
<tr>
<td>BCA 41B Windows XP</td>
<td>3</td>
</tr>
<tr>
<td>GNBUS 10 Intro. to Global Business</td>
<td>3</td>
</tr>
<tr>
<td>GNBUS 18A Business Law</td>
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</tr>
<tr>
<td>OA 17A Word Processing I</td>
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<td></td>
</tr>
</tbody>
</table>
CHEMISTRY

A survey of basic concepts and practices of chemistry. Designed for non-science majors desiring an introduction to fundamental chemistry concepts and skills. Not intended for students who will enroll in subsequent chemistry coursework. (C)

CHEM 18A Organic Chemistry for Health 4 units
And Life Sciences

CHEM 18B Organic Chemistry for Health 4 units
And Life Sciences

Prerequisite: Satisfactory completion of: CHEM 1B Transferable to CSUCU/C

C-ID CHEM 150 & C-ID CHEM 160 (CHEM 18A & CHEM 18B)
The first semester of a one-year course in organic chemistry designed for students planning professional school studies in health and life sciences. A rigorous, in-depth presentation of basic principles with emphasis on reaction mechanisms, multi-step synthesis, stereochemistry and spectroscopy and preparation and reactions of nonaromatic hydrocarbons, halogen derivatives, reactions of aldehydes and ketones, alcohols, ethers and organometallic compounds. Reactions include SN1, SN2, E1 and E2. (M)

CHEM 10 General Chemistry 3 units
54 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: CHEM 1A Transferable to CSUCU/C

CHEM 100 General Chemistry 5 units
54 lecture hours, 108 lab hours
Prerequisite: Satisfactory completion of: CHEM 100 Transferable to UC - UC Unit Limit

C-ID CHEM 120S (CHEM 1A & CHEM 1B)
Continuation of the exploration and application of the fundamental principles of chemistry developed in CHEM 1A. Topics include intermolecular forces, solutions, colligative properties, kinetics; further aspects of equilibrium including acid-base and solubility equilibria, thermodynamics, electromechrometry, descriptive chemistry, and quantitative analysis; coordination chemistry; nuclear chemistry and an introduction to organic chemistry. Laboratory techniques in the investigation of these chemical systems will be extensively developed. (L,M)

CHEM 1A General Chemistry 5 units
54 lecture hours, 108 lab hours
Prerequisite: Satisfactory completion of: MATH 52; CHEM 2A Transferable to CSUCU/C

CHEM 1A General Chemistry 5 units
54 lecture hours, 108 lab hours
Prerequisite: Satisfactory completion of: CHEM 1A Transferable to UC - UC Unit Limit

C-ID CHEM 100 & C-ID CHEM 120S (CHEM 1A & CHEM 1B)
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The Computer Science A.S-T degree curriculum focuses on computer architecture and object oriented programming fundamentals including algorithm design, problem analysis, system design, and testing. The Computer Science A.S-T degree targets four-year university transfer students interested in software system design and programming as well as those students seeking marketable programming skills aimed towards real-world application and innovation.

**COMPUTER SCIENCE (Associate in Science)**

Students who complete this program should be able to:

1. Demonstrate analysis, specification, design implementation, and testing skills resulting in quality computer software solutions.
2. Use data structures, algorithms, programming languages, and software engineering techniques to implement significant programming projects.
3. Demonstrate the ability to apply relevant data, and critically evaluate object oriented programming design and data structures.
4. Analyze data/information in addressing and evaluating problems and issues in making decisions as applied to mathematical and OOP (object oriented programming) topic requirements.

**Required Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMSC 9A C++ Programming OR</td>
<td>COMSC 12 JAVA Programming</td>
<td>3 units</td>
</tr>
<tr>
<td>COMSC 9B Data Structures</td>
<td></td>
<td>3 units</td>
</tr>
<tr>
<td>COMSC 2 Computer Assembly Language</td>
<td></td>
<td>3 units</td>
</tr>
<tr>
<td>COMSC 5 Introduction to UNIX Operating System</td>
<td></td>
<td>3 units</td>
</tr>
<tr>
<td>COMSC 6 BASIC Programming</td>
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<td>3 units</td>
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<tr>
<td>COMSC 7 Intro. to Visual Basic Programming</td>
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<td>3 units</td>
</tr>
<tr>
<td>COMSC 8 Digital Logic Fundamentals</td>
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<tr>
<td>COMSC 96 Data Structures</td>
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<td>COMSC 10L Computer Literacy</td>
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<td>COMSC 11 Advanced C++ Programming</td>
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<td>COMSC 12 JAVA Programming</td>
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<td>COMSC 96 Data Structures</td>
<td></td>
<td>3 units</td>
</tr>
<tr>
<td>COMSC 10L Computer Literacy</td>
<td></td>
<td>3 units</td>
</tr>
<tr>
<td>COMSC 11 Advanced C++ Programming</td>
<td></td>
<td>3 units</td>
</tr>
<tr>
<td>COMSC 12 JAVA Programming</td>
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<td>3 units</td>
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**Required Courses Units**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>COMSC 9A C++ Programming OR</td>
<td>COMSC 12 JAVA Programming</td>
<td>3 units</td>
</tr>
<tr>
<td>COMSC 9B Data Structures</td>
<td></td>
<td>3 units</td>
</tr>
<tr>
<td>COMSC 2 Computer Assembly Language</td>
<td></td>
<td>3 units</td>
</tr>
<tr>
<td>COMSC 5 Introduction to UNIX Operating System</td>
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<td>3 units</td>
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<tr>
<td>COMSC 6 BASIC Programming</td>
<td></td>
<td>3 units</td>
</tr>
<tr>
<td>COMSC 7 Intro. to Visual Basic Programming</td>
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<td>3 units</td>
</tr>
<tr>
<td>COMSC 8 Digital Logic Fundamentals</td>
<td></td>
<td>3 units</td>
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**Recommended Courses for Degree**

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<tr>
<th>Course Code</th>
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<th>Units</th>
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<tbody>
<tr>
<td>MATH 1A Single Variable Calculus - Early Transcendentals</td>
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<td>4 units</td>
</tr>
<tr>
<td>MATH 1B Single Variable Calculus - Early Transcendentals</td>
<td></td>
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</tr>
<tr>
<td>MATH 25 Finite Math</td>
<td></td>
<td>3 units</td>
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</table>

**Computer Science (Certificate of Achievement)**

Students who complete this program should be able to:

1. Use appropriate mathematical and OOP (object oriented programming) concepts and methods to understand, analyze, and communicate issues in quantitative terms.
2. Clearly and effectively communicate concepts applied to mathematics and OOP (object oriented programming) topic requirements.
3. Analyze data/information in addressing and evaluating problems and issues in making decisions as applied to mathematical and OOP (object oriented programming) topic requirements. This SLO applies to issues pertaining to server/database design and migration to mobile device technology.
4. Demonstrate analysis, specification, design implementation, and testing skills resulting in quality computer software solutions.
5. Use data structures, algorithms, programming languages, and software engineering techniques to implement significant programming projects.
6. Demonstrate the ability to apply relevant data, and critically evaluate object oriented programming design and data structures.
7. Analyze data/information in addressing and evaluating problems and issues in making decisions as applied to mathematical and OOP (object oriented programming) topic requirements. This SLO applies to issues pertaining to server/database design and migration to mobile device technology.
8. Demonstrate the ability to apply relevant data, and critically evaluate object oriented programming design and data structures.
9. Analyze data/information in addressing and evaluating problems and issues in making decisions as applied to mathematical and OOP (object oriented programming) topic requirements. This SLO applies to issues pertaining to server/database design and migration to mobile device technology.

**Required Courses**

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<td></td>
<td>3 units</td>
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</tbody>
</table>

**Programs and Courses**

**COMSC 6 Basic Language Programming**

4 lecture hours

Transferable to CSU/UC

Introduction to programming using object-oriented programming techniques, including problem solving, algorithm development, coding solutions, program life cycle, and source code maintenance. (L,M)

**COMSC 7 Introduction to Visual Basic Programming**

54 lecture hours

Transferable to CSU/UC

Introduction to event-driven programming in the Windows environment using Microsoft Visual BASIC.Net. Intended for those with prior experience or course work in at least one formal programming language. Includes objects, properties, user interface, forms, event procedures, custom controls, graphics, data access, report creation, and debugging methods. (L,M)

**COMSC 8 Digital Logic Fundamentals**

4 units

60 lecture hours, 36 lab hours

Prerequisite: Satisfactory completion of: COMSC 9A and MATH 52

Transferable to CSU/UC


**COMSC 9A C++ Programming**

4 units

54 lecture hours, 36 lab hours

Transferable to CSU/UC

C-ID COMP 142

Introduction to the C++ programming language. Emphasis on structured programming methods, object-oriented design, and structured data types. The programming cycle from problem-solving to debugging is emphasized. COMSC 6 recommended. (L,M)

**COMSC 9B Data Structures**

4 units

50 lecture hours, 36 lab hours

Prerequisite: Satisfactory completion of: COMSC 9A

Transferable to CSU/UC

C-ID COMP 122

A continuation of Computer Science 9A using Object Oriented Programming techniques. An introduction to abstract data types, algorithm analysis, data structures including lists, hash tables, trees, and graphs. Required for Computer Science majors. (L,M)
Cooperative
Work Experience Education

CWE 44A 1st Semester General Work Experience
90-450 lab hours
Corequisite: Must have a PAID or VOLUNTEER position.
Transferable to CSU
Coordination of introductory on-the-job learning with college experience to develop desirable work habits, attitudes and career awareness through supervised "PAID" or "VOLUNTEER" employment. A maximum of sixteen (16) semester units can be earned in General Work Experience during a student's enrollment within Yuba Community College District, with a six (6) unit maximum in any one semester. Students enrolled in this class are not eligible for other Cooperative Work Experience/Internship classes during the same semester. Students may not exceed sixteen (16) units in the combination of programs (CWE 44A/44B/44C/44D, CWE 45A/45B or INTRN 46A/B). Grades are P/NP option.

CWE 44B 2nd Semester General Work Experience
90-450 lab hours
Corequisite: Must have a PAID or VOLUNTEER position.
Transferable to CSU
Coordination of intermediate level on-the-job learning with college experience to develop desirable work habits, attitudes and career awareness through supervised "PAID" or "VOLUNTEER" employment. A maximum of sixteen (16) semester units can be earned in General Work Experience during a student's enrollment within Yuba Community College District, with a six (6) unit maximum in any one semester. Students enrolled in this class are not eligible for other Cooperative Work Experience/Internship classes during the same semester. Students may not exceed sixteen (16) units in the combination of programs (CWE 44A/44B/44C/44D, CWE 45A/45B or INTRN 46A/B). Grades are P/NP option.

CWE 44C 3rd Semester General Work Experience
90-450 lab hours
Corequisite: Must have a PAID or VOLUNTEER position.
Transferable to CSU
Coordination and continuation of the development of more advanced level skills, work habits, attitudes and career awareness through supervised "PAID" or "VOLUNTEER" employment. A maximum of sixteen (16) semester units can be earned in General Work Experience during a student's enrollment within Yuba Community College District, with a six (6) unit maximum in any one semester. Students enrolled in this class are not eligible for other Cooperative Work Experience/Internship classes during the same semester. Students may not exceed sixteen (16) units in the combination of programs (CWE 44A/44B/44C/44D, CWE 45A/45B or INTRN 46A/B). Grades are P/NP option.

CWE 44D 4th Semester General Work Experience
60-450 lab hours
Corequisite: Must have a PAID or VOLUNTEER position.
Transferable to CSU
Coordination and final development of proficient and advanced level skills, work habits, attitudes and career awareness through supervised "PAID" or "VOLUNTEER" employment. A maximum of sixteen (16) semester units can be earned in General Work Experience during a student's enrollment within Yuba Community College District, with a four (4) unit maximum in any one semester. Students enrolled in this class are not eligible for other Cooperative Work Experience/Internship classes during the same semester. Students may not exceed sixteen (16) units in the combination of programs (CWE 44A/44B/44C/44D, CWE 45A/45B or INTRN 46A/B). Grades are P/NP option.

CWE 45A Occupational Work Experience-Volunteer
60-240 lab hours
Corequisite: Must have a Volunteer position.
Transferable to CSU
Coordination of on-the-job learning within career path and college major to improve employment skills and career goals through supervised "Volunteer" employment. A maximum of sixteen (16) semester units can be earned in Occupational Work Experience during a student's enrollment within Yuba Community College District, with a four (4) unit maximum in any one semester. Students enrolling in this class are not eligible for other Cooperative Work Experience/Internship classes during the same semester. Students may not exceed sixteen (16) units in the combination of programs (CWE 44A/44B/44C/44D, CWE 45A/45B or INTRN 46A/B). Grades are P/NP option.

CWE 45B Occupational Work Experience-Paid
75-300 lab hours
Corequisite: Must have a Paid position.
Transferable to CSU
Coordination of on-the-job learning within career path or college major to choose to improve employment skills and career goals, through supervised "PAID" employment. A maximum of sixteen (16) semester units can be earned in Occupational Work Experience during a student's enrollment within Yuba Community College District, with a four (4) unit maximum in any one semester. Students enrolling in this class are not eligible for other Cooperative Work Experience/Internship classes during the same semester. Students may not exceed sixteen (16) units in the combination of programs (CWE 44A/44B/44C/44D, CWE 45A/45B or INTRN 46A/B). Grades are P/NP option.

CORRECTIONS
(see Administration of Justice)
COSMETOLOGY

(Certificate of Achievement)

Students may earn a Certificate of Achievement upon successful completion of 1600 hours of vocational training in Cosmetology.

Students who complete this program should be able to:
1. Demonstrate basic skills of Cosmetology so that the student may ta
2. Demonstrate the necessary skills to find employment in the industry while researching continuing education to stay abreast of all current trends and applications.
3. Recognize and analyze information dealing with problems and issues in Cosmetology. Need regarding client services and formulations.

Required Courses Units

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cosmetology</td>
<td>40</td>
</tr>
<tr>
<td>COSMT 50</td>
<td>5</td>
</tr>
<tr>
<td>Beginning Cosmetology I</td>
<td>36 lecture hours, 164 lab hours</td>
</tr>
<tr>
<td>1. Demonstrate basic skills of Cosmetology I so that the student may ta</td>
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</tr>
<tr>
<td>2. Demonstrate the necessary skills to find employment in the industry while researching continuing education to stay abreast of all current trends and applications</td>
<td></td>
</tr>
<tr>
<td>3. Recognize and analyze information dealing with problems and issues in Cosmetology. Need regarding client services and formulations.</td>
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</tr>
<tr>
<td>COSMT 51</td>
<td>5</td>
</tr>
<tr>
<td>Beginning Cosmetology II</td>
<td>36 lecture hours, 164 lab hours</td>
</tr>
<tr>
<td>1. Demonstrate basic skills of Cosmetology II so that the student may ta</td>
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<tr>
<td>2. Demonstrate the necessary skills to find employment in the industry while researching continuing education to stay abreast of all current trends and applications</td>
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<tr>
<td>3. Recognize and analyze information dealing with problems and issues in Cosmetology. Need regarding client services and formulations.</td>
<td></td>
</tr>
<tr>
<td>COSMT 52</td>
<td>5</td>
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<tr>
<td>Beginning Cosmetology III</td>
<td>36 lecture hours, 164 lab hours</td>
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<tr>
<td>1. Demonstrate basic skills of Cosmetology III so that the student may ta</td>
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<tr>
<td>2. Demonstrate the necessary skills to find employment in the industry while researching continuing education to stay abreast of all current trends and applications</td>
<td></td>
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<tr>
<td>3. Recognize and analyze information dealing with problems and issues in Cosmetology. Need regarding client services and formulations.</td>
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<tr>
<td>COSMT 53</td>
<td>5</td>
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<tr>
<td>Intermediate Cosmetology I</td>
<td>36 lecture hours, 164 lab hours</td>
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<tr>
<td>1. Demonstrate basic skills of Cosmetology I so that the student may ta</td>
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</tr>
<tr>
<td>2. Demonstrate the necessary skills to find employment in the industry while researching continuing education to stay abreast of all current trends and applications</td>
<td></td>
</tr>
<tr>
<td>3. Recognize and analyze information dealing with problems and issues in Cosmetology. Need regarding client services and formulations.</td>
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<tr>
<td>COSMT 54</td>
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<td>Intermediate Cosmetology II</td>
<td>36 lecture hours, 164 lab hours</td>
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<tr>
<td>1. Demonstrate basic skills of Cosmetology II so that the student may ta</td>
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<tr>
<td>2. Demonstrate the necessary skills to find employment in the industry while researching continuing education to stay abreast of all current trends and applications</td>
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<tr>
<td>3. Recognize and analyze information dealing with problems and issues in Cosmetology. Need regarding client services and formulations.</td>
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<tr>
<td>COSMT 55</td>
<td>5</td>
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<tr>
<td>Advanced Cosmetology I</td>
<td>36 lecture hours, 164 lab hours</td>
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<td>1. Demonstrate basic skills of Advanced Cosmetology I so that the student may ta</td>
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<td>2. Demonstrate the necessary skills to find employment in the industry while researching continuing education to stay abreast of all current trends and applications</td>
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<tr>
<td>3. Recognize and analyze information dealing with problems and issues in Cosmetology. Need regarding client services and formulations.</td>
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<tr>
<td>COSMT 56</td>
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<tr>
<td>Advanced Cosmetology II</td>
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<td>3. Recognize and analyze information dealing with problems and issues in Cosmetology. Need regarding client services and formulations.</td>
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<tr>
<td>COSMT 57</td>
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<tr>
<td>Cosmetology State Board Prep</td>
<td>36 lecture hours, 164 lab hours</td>
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<tr>
<td>1. Demonstrate basic skills of Cosmetology State Board Prep so that the student may ta</td>
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<td>2. Demonstrate the necessary skills to find employment in the industry while researching continuing education to stay abreast of all current trends and applications</td>
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<td>3. Recognize and analyze information dealing with problems and issues in Cosmetology. Need regarding client services and formulations.</td>
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<td>COSMT 58</td>
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<td>Cosmetology State Board Prep</td>
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<tr>
<td>2. Demonstrate the necessary skills to find employment in the industry while researching continuing education to stay abreast of all current trends and applications</td>
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<tr>
<td>3. Recognize and analyze information dealing with problems and issues in Cosmetology. Need regarding client services and formulations.</td>
<td></td>
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</tbody>
</table>

Satisfactory completion of: COSMT 54

Introduction to chemical texture services including nail mixing ratios according to manufacture specifications. Grades are P/NP option. (L,M)

Satisfactory completion of: COSMT 55

Introduction into hair removal, facials, and facial makeup. Grades are P/NP option. (L,M)

Satisfactory completion of: COSMT 56

Preparation for a successful transfer experience to a university emphasizing on the understanding the UC and private university systems in California. (L)

Satisfactory completion of: COSMT 57

Preparation for a successful transfer experience to university emphasizing on the understanding the UC and CSU systems, private university systems in California, and out-of-state colleges and universities. Students will evaluate and choose universities based on research about degrees offered, geographic location, transfer requirements, the application process, housing, financial aid, scholarship and support services. (L)

Satisfactory completion of: COSMT 58

Preparation for a successful transfer experience to a university emphasizing on the understanding the UC and CSU systems, private university systems in California, and out-of-state colleges and universities. Students will evaluate and choose universities based on research about degrees offered, geographic location, transfer requirements, the application process, housing, financial aid, scholarship and support services. (L)

COUNS 10

College Success | 3 units

54 lecture hours

Transferable to CSUCU

Study skills and knowledge necessary for college success, including time management, memory techniques, note taking, reading skills, test-taking skills, critical thinking, writing, learning styles, interpersonal skills, communication skills, career planning, assessment, use of technology and other resources. (L,M)

COUNS 15

Orientation to College | 1 unit

18 lecture hours

Transferable to CSU

Designed to provide students with information and skills to facilitate their transition to college. Familiarize students with the college community, rules, regulations, and policies. Introduces the use of student and campus services. Develops a thorough understanding of program requirements and the knowledge necessary for sound educational planning.

COUNS 22

Peer Advising Seminar | v1-2 units

18 lecture hours (1 unit)

Transferable to CSU

Designed for Peer Advisors. Methods of working with students from a wide variety of backgrounds, with the emphasis on individualized assistance to help in all areas of counseling; orientation to materials and resources; development of interpersonal skills. Grades are P/NP. (L)

COUNS 25

Career Planning and Development | 3 units

54 lecture hours

Transferable to CSU

Survey of techniques of career exploration and selection. In the context of a study of the changes that occur during a lifetime, each student will construct a personal profile of current and projected interests, aptitudes, skills, values, personality and life and personal circumstances. Not open for credit to students with credit in GNBUS 25. (L)

COUNS 30

Transfer Preparation | 2 units

36 lecture hours

Transferable to CSU

Preparation for a successful transfer experience to a university emphasizing on the understanding the UC and private university systems in California. (L)

COUNS 30

Transfer Preparation - Effective Spring 2019 | 2 units

36 lecture hours

Transferable to CSU

Preparation for a successful transfer experience to a university emphasizing on the understanding the UC and CSU systems, private university systems in California, and out-of-state colleges and universities. Students will evaluate and choose universities based on research about degrees offered, geographic location, transfer requirements, the application process, housing, financial aid, scholarship and support services. (L)

COUNS 35

College Study Skills | 1 unit

18 lecture hours

Transferable to CSU

Improvement of study skills including reading comprehension, note taking, time management, and test taking strategies. Grades are P/NP. (L,M)

COUNS 45

Career College Planning | 1 unit

18 lecture hours

Transferable to CSU

Designed to assist the student in the decision-making process as it relates to maximizing potential in career, education, and personal development. Contact Counseling Department to schedule appointment within one week after adding class. Grades are P/NP. (L)

COUNS 52

Pre-Employment Skills Training | 1 unit

18 lecture hours

Transferable to CSU

Exploration of various skills and methods vital to obtaining and retaining employment including: Developing Positive Attitudes, Writing Resumes, and Interviewing Techniques. Grades are P/NP. (L)

Couns 99

Special Project, 99 | 1 unit

18 lecture hours

Exploration of various topics and skills vital to obtaining and retaining employment including: Developing Positive Attitudes, Writing Resumes, and Interviewing Techniques. Grades are P/NP. (L)

Couns 99

Special Project, 99 | 1 unit

18 lecture hours

Exploration of various skills and methods vital to obtaining and retaining employment including: Developing Positive Attitudes, Writing Resumes, and Interviewing Techniques. Grades are P/NP. (L)

Couns 99

Special Project, 99 | 1 unit

18 lecture hours

Exploration of various skills and methods vital to obtaining and retaining employment including: Developing Positive Attitudes, Writing Resumes, and Interviewing Techniques. Grades are P/NP. (L)

Couns 99

Special Project, 99 | 1 unit

18 lecture hours

Exploration of various skills and methods vital to obtaining and retaining employment including: Developing Positive Attitudes, Writing Resumes, and Interviewing Techniques. Grades are P/NP. (L)

Couns 99

Special Project, 99 | 1 unit

18 lecture hours

Exploration of various skills and methods vital to obtaining and retaining employment including: Developing Positive Attitudes, Writing Resumes, and Interviewing Techniques. Grades are P/NP. (L)

Couns 99

Special Project, 99 | 1 unit

18 lecture hours

Exploration of various skills and methods vital to obtaining and retaining employment including: Developing Positive Attitudes, Writing Resumes, and Interviewing Techniques. Grades are P/NP. (L)

Couns 99

Special Project, 99 | 1 unit

18 lecture hours

Exploration of various skills and methods vital to obtaining and retaining employment including: Developing Positive Attitudes, Writing Resumes, and Interviewing Techniques. Grades are P/NP. (L)

Couns 99

Special Project, 99 | 1 unit

18 lecture hours

Exploration of various skills and methods vital to obtaining and retaining employment including: Developing Positive Attitudes, Writing Resumes, and Interviewing Techniques. Grades are P/NP. (L)

Couns 99

Special Project, 99 | 1 unit

18 lecture hours

Exploration of various skills and methods vital to obtaining and retaining employment including: Developing Positive Attitudes, Writing Resumes, and Interviewing Techniques. Grades are P/NP. (L)
**Culinary Arts**

**Culinary Arts (Associate in Science)**

- **Program Requirements**
  - **Program Description**
    - Students earning an AAS degree will complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the total units required, in addition to the program units listed here. Students must complete a total of 60 degrees applicable units to earn an AAS. Please see your counselor for additional information.

**Required Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CUL 3A</td>
<td>Basic Food Preparation</td>
<td>3</td>
</tr>
<tr>
<td>CUL 3B</td>
<td>Advanced Food Preparation</td>
<td>3</td>
</tr>
<tr>
<td>CUL 54</td>
<td>Sanitation, Safety, and Storage</td>
<td>1</td>
</tr>
<tr>
<td>CUL 59</td>
<td>Restaurant Operations</td>
<td>2</td>
</tr>
<tr>
<td>CUL 60</td>
<td>Advanced Foods and Catering</td>
<td>2</td>
</tr>
<tr>
<td>CUL 59A</td>
<td>Advanced Restaurant Operations</td>
<td>4</td>
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<tr>
<td>CUL 59B</td>
<td>Advanced Food Preparation Operations</td>
<td>3</td>
</tr>
<tr>
<td>CUL 61</td>
<td>Introductory Purchasing for Food Services</td>
<td>1</td>
</tr>
<tr>
<td>CUL 64</td>
<td>Beverage Control and Operations</td>
<td>2</td>
</tr>
<tr>
<td>DRAFT 30</td>
<td>Technical Drawing with AutoCAD</td>
<td>3</td>
</tr>
</tbody>
</table>

**CUL 3A Basic Food Preparation** 3 units
- 18 lecture hours, 108 lab hours
- Transferable to CSU
- Basic modern restaurant cooking techniques such as sauce making, meat cutting, lunch and dinner entrée preparation, use and operation of food service machines and equipment. (L)

**CUL 3B Advanced Food Preparation** 3 units
- 18 lecture hours, 108 lab hours
- Prerequisite: Satisfactory completion of: CUL 3A
- Transferable to CSU
- Advanced modern restaurant cooking methods, such as Garde Manger, French stock and sauce making, advanced principles of meat cookery, advanced meat & seafood fabrication and identification, and advanced vegetable and starch identification and cookery. (L, M)

**CUL 4A Beginning Baking** 3 units
- 18 lecture hours, 108 lab hours
- Transferable to CSU
- Modern baking techniques that include bread making, modern breads, and pastries techniques. Preparation takes place in the student-operated restaurant kitchen. (L)

**CUL 4B Advanced Baking** 3 units
- 18 lecture hours, 108 lab hours
- Prerequisite: Satisfactory completion of: CUL 4A
- Transferable to CSU
- Modern advanced baking techniques and methods including French pastry and dessert making, artisanal bread making and savory baking items in which preparation takes place in the student-operated bake shop. (L, M)

**CUL 54 Sanitation, Safety, and Storage** .5 unit
- 9 lecture hours
- Preparation for the ServSafe Certification course and examination. The ServSafe program trains both managers and employees to guard against food borne illnesses. Meets the State of California (Campbell Bill) requirement for Certified Food Handler. Grades are P/N/P. (L, M)

**CUL 54 Sanitation, Safety, and Storage** .5 unit
- Effective Spring 2019 - 9 lecture hours
- Preparation for the ServSafe Certification course and examination. The ServSafe program trains both managers and employees to guard against food borne illnesses. Meets the State of California (Campbell Bill) requirement for Certified Food Handler. Grades are P/N/P. (L, M)

**CUL 59A Basic Restaurant Operations** 4 units
- 18 lecture hours, 162 lab hours
- Set-up and operations of the campus restaurant, including planning, preparing, cooking, and serving food in the student-operated restaurant. (L)

**CUL 59A Basic Restaurant Operations** 4 units
- Effective Spring 2019 - 18 lecture hours, 162 lab hours
- Set-up and operations of the campus restaurant, including planning, preparing, cooking, and serving food in the student-operated restaurant. (L)

**CUL 59B Advanced Restaurant Operations** 4 units
- Effective Spring 2019 - 18 lecture hours, 162 lab hours
- Prerequisite: Satisfactory completion of: CUL 59A
- Set-up and management of the campus restaurant including scheduling, marketing, inventory management and costing. (L)

**CUL 60 Advanced Foods and Catering** 2 units
- 18 lecture hours, 54 lab hours
- Plan, prepare, and serve several large and small catered events during the semester. (L, M)

**CUL 64 Beverage Control and Operations** 2 units
- 36 lecture hours
- Regulations, licensing procedures, purchasing, inventory, and cost control. Emphasis on bar set-up, service methods, and beverage merchandising. (L, M)

**CUL 65 Food Service Operation and Management** 2 units
- 36 lecture hours
- Nature and importance of food service management, including planning, organizing, controlling, and developing a realistic and dynamic personnel program. (L)

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**Drafting**

**Drafting Design Drafting**

**DRAFT 20 Blueprint and Specifications Reading** 3 units
- 54 lecture hours
- Transferable to CSU
- This is a beginning blueprint reading class for the student in the metal and mechanics trade. Basic visualization and drawing concepts including orthographic projection, detailing, sketching and communication skills that are needed for employment are developed in the class. Introduction to CAD Modeling.

**DRAFT 30 Technical Drawing with AutoCAD** 3 units
- 36 lecture hours, 54 lab hours
- Transferable to CSU
- Fundamental technical drafting practices and documentation for part fabrication drawing. Drafting conventions and standards applied to orthographic, section, auxiliary views, isometric and oblique projection will be covered in addition to basic AutoCAD object creation and editing and freehand sketching. ASME Y14.5M standards are emphasized. AutoCAD will be used to complete the applied laboratory exercises.

**DRAFT 31 Descriptive Geometry** 3 units
- 27 lecture hours, 81 lab hours
- Prerequisite: Satisfactory completion of: DRAFT 30
- Transferable to CSU
- Principles of descriptive geometry used for graphic representation and solution of space problems. Application of drafting line theorems and advanced multi-view orthographic projection to solve architectural and engineering line, plane, points and solid space problems using graphical methods. AutoCAD will be used to complete the applied laboratory exercises. (L, M)

**DRAFT 38 Computer Aided Drafting** 3 units
- 36 lecture hours, 81 lab hours
- Prerequisite: Satisfactory completion of: DRAFT 30 or DRAFT 32
- Transferable to CSU - UC Unit Limit
- The course provides exposure to and experience using intermediate and advanced object creation and editing tools in AutoCAD. Blocks, dynamic blocks, attribute creation and data extraction, sheet sets and external referencing (Xref) will also be covered. The course will cover three dimensional solid modeling for both mechanical and architectural objects, rendering to produce photo realistic images and the creation of views from solid models. (L, M)
EARLY CHILDHOOD EDUCATION (Certificate of Training)

These programs are required to possess the California Child Development Teacher (Permit issued by Commission on Teacher Credentialing). For the Master Teacher Permit, 350 days of 3 or more hours per day of experience is required. Apply for the permit at your local county Office of Education.

Required Courses

- ECE 1A Principles and Practices of Teaching Young Children .......... 3
- ECE 1B Introduction to Curriculum .............................................. 3
- ECE 1C Positive Social Development in Young Children .......... 3
- ECE 16 Preschool Music Activities .............................................. 3
- ECE 27 Teaching in a Diverse Society ............................................. 3
- ECE 31 Child, Family, Community ................................................ 3
- ECE 46 Practicum-Field Exp-Preschool-Child Development ...... 3
- ECE 54 Practicum-Field Exp-Children With Special Needs ......... 3

Total units required: 30

CHILD DEVELOPMENT SPECIALIZATION CERTIFICATES (Certificate of Achievement)

These certifications are required to possess the California Child Development Teacher (Permit issued by Commission on Teacher Credentialing). For the Master Teacher Permit, 350 days of 3 or more hours per day of experience is required. Apply for the permit at your local county Office of Education.

Specialization 1: Health, Safety, and Nutrition

- ECE 10 Health, Safety, and Nutrition ............................................ 3
- ECE 11 Observation and Assessment .............................................. 3
- ECE 16 Preschool Music Activities .............................................. 3
- ECE 27 Teaching in a Diverse Society ............................................. 3
- ECE 31 Child, Family, Community ................................................ 3
- ECE 46 Practicum-Field Exp-Preschool-Child Development ...... 3
- ECE 54 Practicum-Field Exp-Children With Special Needs ......... 3

Total units required: 30

Specialization 2: Creative Materials

- ECE 7A Creative Materials ............................................................. 3
- ECE 8A Administration-Children's Center .................................... 3
- ECE 46A Practicum-Field Exp-Infant/Toddler ................................. 3
- or ECE 46B Practicum-Field Exp-Infant/Toddler ............................. 3
- or ECE 46C Practicum-Field Exp-Children With Special Needs .... 3

Total units required: 30

Specialization 3: Family Involvement

- ECE 3 Child Growth and Development ........................................... 3
- ECE 30 Parent Involvement in Young Children .............................. 3
- ECE 33 The Exceptional Child .......................................................... 3
- ECE 46A Practicum-Field Experience-preschool ............................ 3
- or ECE 46B Practicum-Field Exp-School Age Children ............... 3
- or ECE 46C Practicum-Field Exp-Children With Special Needs .... 3

Total units required: 30

Specialization 4: Music and Movement

- ECE 11 Observation and Assessment .............................................. 3
- ECE 27 Teaching in a Diverse Society ............................................. 3
- ECE 31 Child, Family, Community ................................................ 3
- ECE 46A Practicum-Field Exp-Infant/Toddler ................................. 3
- or ECE 46B Practicum-Field Exp-Infant/Toddler ............................. 3
- or ECE 46C Practicum-Field Exp-Children With Special Needs .... 3

Total units required: 30

Specialization 5: Community Involvement

- ECE 3 Child Growth and Development ........................................... 3
- ECE 30 Parent Involvement in Young Children .............................. 3
- ECE 33 The Exceptional Child .......................................................... 3
- ECE 46A Practicum-Field Experience-preschool ............................ 3
- or ECE 46B Practicum-Field Exp-School Age Children ............... 3
- or ECE 46C Practicum-Field Exp-Children With Special Needs .... 3

Total units required: 30

EARLY CHILDHOOD EDUCATION

The Associate in Science in Early Childhood Education for Transfer degree provides the opportunity for students to complete their freshman/sophomore level coursework needed for a Bachelor's degree in ECE with the California State University System.

EARLY CHILDHOOD EDUCATION (Associate in Science for Transfer)

Students who complete this program should be able to:

1. Graduate from ECE with a clear understanding of developmentally and culturally appropriate practices and what it means to successfully work with children, families, and the community in an early care and education setting.
2. Proficiently design developmentally appropriate curriculum, and demonstrate effective implementation using intentional teaching methods that scaffold children's co-construction of knowledge through exploration, risk-taking, reflection, and the required inclusion and support of individual life experiences.
3. Build partnerships with local, national and international resource organizations in order to advocate effectively for the needs of children and families and to grow in professional skills.
4. Promote higher levels of child learning through the use of intentional teaching methods that support the unique development of every child.

Required Courses

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<td>ECE 1B</td>
<td>Introduction to Curriculum</td>
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<td>ECE 3</td>
<td>Child Growth and Development</td>
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<td>Observation and Assessment</td>
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<td>ECE 27</td>
<td>Teaching in a Diverse Society</td>
<td>3</td>
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<td>ECE 31</td>
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<tr>
<td>ECE 46</td>
<td>Practicum-Field Experience-Preschool</td>
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Total required for degree major: 24 units

Director of Private Day Care Center/Preschool Options

Requires 15 postsecondary units, the same 12 units as listed in above, plus ECE 2A Administration/Children's Center. Other requirements for the director include:

- High school graduation or GED, and at least four years of teaching in a licensed child care center.
- Bachelor’s degree with a major or emphasis in early childhood education or child development and at least two years of teaching experience in a licensed child care center.
- Apply for a license to operate private day care center, write to: State of California Health/Welfare Agency, Department of Social Services, Community Care Licensing.
**CHILDREN WITH SPECIAL NEEDS**

**SPECIALIZATION**

*(Certificate of Achievement)*

Students who complete this program should be able to:

1. Recognize the importance of early childhood as a unique time in children’s development that requires specialized developmentally appropriate activities, routines, interactions, and guidance.
2. Design and implement an early childhood program that effectively integrates developmentally appropriate activities, routines, interactions, and guidance.
3. Plan and implement a curriculum based on a blend of routine caregiving and play/learning experiences.
4. Learn and practice professional ethics, personal and social responsibility, and effective team membership in their work as child care professionals.

**Requirements**

- **ECE 1A Principles and Practices of Teaching Youth**...
- **ECE 1B Introduction to Curriculum**...
- **ECE 3 Child Growth and Development**...
- **ECE 10 Health, Safety, and Nutrition**...
- **ECE 11 Observation and Assessment**...
- **ECE 17 The Exceptional Child**...
- **ECE 18 Curriculum and Instruction for Children with Special Needs**...
- **ECE 27 Teaching in a Diverse Society**...
- **ECE 3 Child, Family, and Community**...
- **ECE 46C Practicum-Field Exp-Children With Special Needs**...

Total units required: .................................................30

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**DIVERSITY IN ECE**

**Certificate of Achievement**

The program is designed to help teachers and caregivers of young children develop positive self-esteem, enter into group play, and develop fine motor skills. Designed to help teachers and caregivers of young children develop positive self-esteem, enter into group play, and develop fine motor skills.

**Requirements**

- **ECE 1A Principles and Practices of Teaching Youth**...
- **ECE 1B Introduction to Curriculum**...
- **ECE 3 Child Growth and Development**...
- **ECE 10 Health, Safety, and Nutrition**...
- **ECE 11 Observation and Assessment**...
- **ECE 27 Teaching in a Diverse Society**...
- **ECE 31 Child, Family, and Community**...
- **ECE 43 Care and Education for Infants and Toddlers**...
- **ECE 33 Infants and Toddlers**...
- **ECE 42 Infant/Childhood Development**...
- **ECE 46A Practicum-Field Exp-Infant/Toddler**...

Total units required: .................................................30

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**INFANT AND TODDLER**

**Specialization**

*(Certificate of Achievement)*

Students who complete this program should be able to:

1. Effectively respond to common childhood injuries and illnesses.
2. Assist in the development of infants and toddlers who have special needs.
3. Plan and implement a curriculum that supports the unique needs of infants and toddlers.
4. Learn and practice professional ethics, personal and social responsibility, and effective team membership in their work as child care professionals.

**Requirements**

- **ECE 1A Principles and Practices of Teaching Youth**...
- **ECE 3 Child Growth and Development**...
- **ECE 10 Health, Safety, and Nutrition**...
- **ECE 11 Observation and Assessment**...
- **ECE 27 Teaching in a Diverse Society**...
- **ECE 31 Child, Family, and Community**...
- **ECE 43 Care and Education for Infants and Toddlers**...
- **ECE 33 Infants and Toddlers**...
- **ECE 42 Infant/Toddler Development**...
- **ECE 46A Practicum-Field Exp-Infant/Toddler**...

Total units required: .................................................30

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**SCHOOL AGE SPECIALIZATION**

**Specialization**

*(Certificate of Achievement)*

Students who complete this program should be able to:

1. Design, implement, and evaluate effective school age program practices to successfully implement developmentally appropriate school age curriculum and to successfully implement developmentally appropriate school age curriculum.
2. Successfully implement developmentally appropriate school age curriculum.
3. Plan and implement a curriculum based on a blend of routine caregiving and play/learning experiences.
4. Learn and practice professional ethics, personal and social responsibility, and effective team membership in their work as child care professionals.

**Requirements**

- **ECE 1A Principles and Practices of Teaching Youth**...
- **ECE 1B Introduction to Curriculum**...
- **ECE 3 Child Growth and Development**...
- **ECE 1A Creative Materials**...
- **ECE 10 Health, Safety, and Nutrition**...
- **ECE 11 Observation and Assessment**...
- **ECE 27 Teaching in a Diverse Society**...
- **ECE 31 Child, Family, and Community**...
- **ECE 46A Practicum-Field Exp-School-Age Children**...

Total units required: .................................................30

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**SITE SUPERVISOR**

**Specialization**

*(Certificate of Achievement)*

Students who complete this program should be able to:

1. Profoundly design developmentally appropriate curriculum and demonstrate effective implementation using intentional teaching methods that scaffold children’s co-construction of knowledge through exploration, risk-taking, reflection, and critical thinking.
2. Build partnerships with local, national, and international resource organizations to advocate effectively for the needs of children and families.
3. Demonstrate understanding of family function and structure, along with familial need for information and support that respects and values diverse cultures through cultural awareness.

**Requirements**

- **ECE 1A Principles and Practices of Teaching Youth**...
- **ECE 1B Introduction to Curriculum**...
- **ECE 2A Administration I: Programs in Early Childhood Education**...
- **ECE 2C Administration of Children’s Centers**...
- **ECE 3 Child Growth and Development**...
- **ECE 10 Health, Safety, and Nutrition**...
- **ECE 11 Observation and Assessment**...
- **ECE 27 Teaching in a Diverse Society**...
- **ECE 31 Child, Family, and Community**...
- **ECE 37 Adult Supervision**...
- **ECE 46 Practicum-Field Experience-preschool or**
- **ECE 46A Practicum-Field Exp-Infant/Toddler**...
- **ECE 46B Practicum-Field Exp-School-Age Children**...
- **ECE 46C Practicum-Field Exp-Children With Special Needs**...

Total units required: .................................................30

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**TRANSITIONAL KINDERGARTEN AND EARLY EDUCATION**

**Specialization**

*(Certificate of Achievement)*

Students who complete this program should be able to:

1. Recognize the importance of early childhood as a unique time in children’s development that requires specialized developmentally appropriate activities, routines, interactions, and guidance.
2. Plan and implement a curriculum based on a blend of routine caregiving and play/learning experiences.
3. Learn and practice professional ethics, personal and social responsibility, and effective team membership in their work as child care professionals.

**Requirements**

- **ECE 1A Principles and Practices of Teaching Youth**...
- **ECE 1B Introduction to Curriculum**...
- **ECE 1C Positive Social Development in Young Child**...
- **ECE 3 Child Growth and Development**...
- **ECE 11 Observation and Assessment**...
- **ECE 17 The Exceptional Child**...
- **ECE 31 Child, Family, Community**...

Total units required: .................................................30

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**PEDIATRIC FIRST AID/CPR**

**Specialization**

*(Certificate of Training)*

Students who complete this program should be able to:

1. Effectively respond to common childhood injuries and illnesses.
2. Plan and implement a curriculum that supports the unique needs of infants and toddlers.

**Requirements**

- **ECE 210 California Child Care Health Safety Course**...
Programs and Courses

ECE 2A Administration 1: Programs 3 units
54 lecture hours
Transferable to CSU
Introduction to the administration of early childhood programs. Covers program types, budget, management, regulations, laws, development and implementation of policies and procedures. Examines administrative tools, philosophies, and techniques needed to organize, open, and operate an early care and education program.

ECE 2B Administration of Children's Center 3 units
54 lecture hours
Prerequisites: Satisfactory completion of ECE 2A
Transferable to CSU
This course examines administrative skills, knowledge, and techniques needed for effective supervision to manage and operate a child development center. This includes staff development and staff relations. There will be an emphasis on the role of program director, site supervisor or owner, or other staffing management theory, budget, personnel, policies, procedures, regulatory laws, working with families and professional ethics and growth. (L)

ECE 3 Child Growth and Development 3 units
54 lecture hours
Transferable to CSU/UC
C-ID CDEV 100
This course examines the major physical, psychosocial, and cognitive/linguistic/developmental milestones for children, both typical and atypical, from conception through adolescence. There will be an emphasis on interactions between biological, natural, and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, making personality judgments, analyzing individual differences and analyze characteristics of development at various stages. Designed as a foundation course for careers in ECE, Education, Human Services, Health and related fields. (L)

ECE 5 Physical Activities for Young Children 1 unit
18 lecture hours
Transferable to CSU
Designed to give adults working with preschool and school-age children a variety of hands on activities useful in creating stimulating and rich environments. Students will practice using equipment like bean bags and hula hoops as well as becoming familiar with games from diverse ethnic groups. Not open for credit to student with credit in PE 5. (L)

ECE 6 Early Childhood Language 3 units
54 lecture hours
Transferable to CSU
Language development and influences in early childhood including theories of language acquisition, interrelatedness of growth, stages of development, and appropriate curriculum for enhancing speaking, listening, pre-reading, and pre-writing skills.

ECE 7A Creative Materials 3 units
45 lecture hours, 27 lab hours
Transferable to CSU
Creative activities for young children (2-8 years old) including the planning and implementation of painting, drawing, printmaking, weaving, stitchery, batik, collage, sculpture, puppet-making, and mixed materials. Not open for credit to student with credit in ART 7 or ART 7A. (L)

ECE 8 Children's Nutrition 1 unit
18 lecture hours
Transferable to CSU
Basic concepts of nutrition and health issues with emphasis on nutritional needs of young children as well as planning and implementing good nutrition programs for young children birth through eight-years-old. (L)

ECE 9 Children's Cooking Activities 1 unit
18 lecture hours
Process of cooking as it relates to the developmentally oriented early childhood curriculum; cooking activities that promote language acquisition, cognitive development, psycho-motor skills, and social and emotional growth. Includes the importance of good nutrition education and how to prepare nutritious snacks and simple meals. Grades are P/NP. (L)

ECE 10 Health, Safety, and Nutrition 3 units
54 lecture hours
Transferable to CSU
C-ID CDEV 100
Introduction to the laws, regulations, standards, policies and procedures and early childhood curriculum related to child health, safety, and nutrition. The key components that ensure physical health, mental health, and safety for both children and staff will be identified with the importance of collaboration with families and health professionals. Focus on integrating the concepts into everyday planning and program development for all children. (L)

ECE 11 Observation and Assessment 3 units
54 lecture hours
Transferable to CSU
C-ID CDEV 100
This course focuses on the appropriate use of assessment and observation strategies to document development, growth, play and learning in order to join with families and professionals in implementing the child's individualized needs of children in inclusive and natural environments. Child observations will be conducted and analyzed. (L)

ECE 12 Science for Young Children 1 unit
18 lecture hours
Transferable to CSU
Designed to provide teachers and caregivers of young children with principles of appropriate science curriculum. Emphasis on informal science experiences and the cognitive connections made by young children as they observe, manipulate, process, and communicate. Classroom organization and management, ready-found materials, and connections with other curriculum areas are also included.

ECE 13 Piaget's Learning Theory 1 unit
18 lecture hours
Transferable to CSU
Overview of Piaget’s theory of cognitive development and practice in relating theory to the development of games and activities for the preschool and primary classroom.

ECE 14 The School Age Child 3 units
54 lecture hours
Transferable to CSU
Developmental characteristics and needs of the 5-12 year old child at home or in a group care setting; includes developmental stages, program environment, developmentally appropriate curriculum, activities and materials, meeting the needs of families, classroom management, communication techniques, administrative requirements, skills, and characteristics of caregivers. (L)

ECE 15 Preschool Music Activities 3 units
54 lecture hours
Transferable to CSU
Provides a foundation for musical experiences to involve young children in music by developing listening skills, movement, singing, playing an instrument, and incorporating the three basic elements of rhythm, melody, and harmony. Students build a resource file and create developmentally appropriate lesson plans that include music activities for transitions and cultural diversity. Introduces a variety of instruments appropriate for young children. (L)

ECE 17 The Exceptional Child 3 units
54 lecture hours
Transferable to CSU
Focuses on identification of children with special needs, resources and referral, full inclusion, activities and planning strategies within the classroom setting. Typical and exceptional development, family partnerships, the IEP (Individual Education Plan) and IFSP (Individual Family Service Plan) and approaches to environment, behavior, and planning topics for individual and group study. (L)

ECE 18 Curriculum and Strategies for Children with Special Needs 3 units
54 lecture hours
Transferable to CSU
Developing creative outdoor learning environments including playgrounds, activities and cooperative games. Circle time or daily planned group experiences are explored and developed through integrated, thematic instruction. (L)

ECE 21 Teaching A Diverse Society 3 units
54 lecture hours
Transferable to CSU
C-ID CDEV 230
Examination of the development of social identities in diverse societies including theoretical and practical implications of oppression and privilege as they apply to young children, families, programs, classrooms and teaching. Various classroom strategies will be explored emphasizing culturally and linguistically appropriate and anti-bias approaches supporting all children in becoming competent members of a diverse society. Course includes self-examination and reflection on issues related to self-identity, stereotypes and bias, social and educational access, media and schooling. (L)

ECE 31 Child, Family, Community 3 units
54 lecture hours
Transferable to CSU/UC
C-ID CDEV 110
An examination of the developing child in a societal context focusing on the interrelationship of family, school and community and emphasizes historical and socio-cultural factors. The processes of socialization and identity development will be highlighted, showing the importance of respectful, reciprocal relationships that support and empower families. Not open for credit to students with credit in FCS 31. (L)

ECE 32 Parenting 3 units
54 lecture hours
Transferable to CSU
Techniques and advice encouraging a positive parenting style and effective child-rearing procedures, interaction patterns and levels of communication between family members and care givers. (L)

ECE 33 Infants and Toddlers 3 units
54 lecture hours
Transferable to CSU
Introduction to infants and toddlers birth to three years old, including growth and development and the importance of biology and environment. Emphasis will be placed on the appreciation of the interrelatedness of theory, research, and application and concerns infants and toddler in group care situations, multicultural approaches to care, and infants-toddlers with special needs. (L)

2018-2019 Catalog
**Programs and Courses**

**ECE 35** Parents as Partners in ECE 3 units
- Transferable to CSU
- 54 lecture hours
- An in-depth study of the relationship between parents, teachers and children in the education process. Topics include communication skills necessary for parent-teacher conferences, increasing parent volunteer involvement, family lifestyles, families with special needs, leadership and advocacy. Intended for experienced teachers. (L)

**ECE 37** Adult Supervision 2 units
- Transferable to CSU
- 36 lecture hours
- Methods and principles of supervising student teachers in the ECE 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. Satisfies adult supervision requirements for the State Department of Social Services. (L)

**ECE 39** Children’s Literature 3 units
- Transferable to CSU
- 54 lecture hours
- An introduction to children’s literature: history, elements, and types of books of interest to children from birth through twelve years old. Students will read, share, and evaluate classical, cultural, and award-winning books. Methods of selecting and evaluating books will be applied. (L)

**ECE 42** Infant/Toddler Development 3 units
- Transferable to CSU
- 54 lecture hours
- A study of infants and toddlers from pre-conception to age three including physical, cognitive, language, social, and emotional growth and development. Applies theoretical frameworks to interpret behavior and intenity as they relate between heredity and environment. Emphasizes the role of family and relationships in development. (L)

**ECE 43** Care and Education for Infants and Toddlers 3 units
- Transferable to CSU
- 54 lecture hours
- Study of current theory and research to the care and education of infants and toddlers in group settings. Emphasis will be placed on the essential policies, principles and practices that lead to quality care and developmentally appropriate curriculum for children birth to 36 months. (L)

**ECE 46** Practicum - Field Experience - Preschool Children with Special Needs 3 units
- Transferable to CSU
- 18 lecture hours, 108 lab hours
- A demonstration of developmentally appropriate early childhood teaching competencies under guided supervision. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning, and assessment; and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children. (L)

**ECE 46C** Practicum - Field Experience - Preschool Children with Special Needs 3 units
- Transferable to CSU
- 18 lecture hours, 108 lab hours
- A demonstration of developmentally appropriate early childhood teaching competencies under guided supervision. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning, and assessment; and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children, with emphasis on children with special needs. (L)

**ECE 51** Special Topics in ECE 3 units
- Transferable to CSU
- 9-45 lecture hours
- Contemporary issues and practices for teachers and caregivers in the Early Childhood area, including: curriculum, health and safety, legislation and advocacy, licensing regulations, and other related subjects. Students will apply the principles to their own work setting and age groups. Grades are P/NP. (L)

**ECE 56** Effective Parenting 1 unit
- Transferable to CSU
- 9 lecture hours
- Development of effective parent-child relationships. Topics include behavior, emotions, encouragement, and communication. Grades are P/NP. (L)

**ECE 75** Play: Key to Positive Growth .5 unit
- Transferable to CSU
- 9 lecture hours
- Play as a learning medium; cognitive, social/emotional, and physical factors directly involved in play and child growth. Multiple theories of play and development will be studied and analyzed. Grades are P/NP. (L)

**ECE 83** Techniques of Story Telling 1 unit
- Transferable to CSU
- 18 lecture hours
- Methods of effective story-telling, including classroom use and ways to develop stories. Students will produce at least one story. Grades are P/NP. (L)

**ECE 210** California Child Care Health Safety Course .5 unit
- Transferable to CSU
- 9 lecture hours
- Designed to meet the requirements of Assembly Bill 962. Subject matter relates to child day care and is appropriate for anyone dealing with children on a regular basis who knowledlge of CPR, Pediatric First Aid, and Health and Safety Training may be needed. Satisfies all requirements of the American Red Cross California Childcare course. Not open for credit to student with credit in AJ 210R. Grades are P/NP. (L)

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**Language:** recommended eligibility for English 1A.

**Mathematics:** recommended eligibility for Math 97.

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**2018-2019 Catalog**
**Economics**

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**Education**

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<tr>
<td>EDUC 1</td>
<td>Introduction to Teaching</td>
<td>3 units</td>
<td>Transferable to CSU/UC</td>
<td></td>
</tr>
<tr>
<td>36 lecture hours, 54 lab hours</td>
<td></td>
<td></td>
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<tr>
<td><strong>Programs and Courses</strong></td>
<td></td>
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<tr>
<td>EDUC 20</td>
<td>Tutoring Seminar</td>
<td>1 unit</td>
<td>Transferable to CSU</td>
<td></td>
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<tr>
<td>18 lecture hours</td>
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</tbody>
</table>

**Emergency Medical Technician**

The Emergency Medical Technician class prepares students to take the certification examination as an EMT-1 and meet State EMT-1 training standards. In addition, the class provides for review and updating of information and skills necessary for recognition and pre-hospital care of medical emergencies, satisfying State EMT-1 Refresher requirements.

**EMT-1 (Certificate of Training)**

Students who complete this program should be able to:

1. Explain and apply the overall roles and responsibilities of an EMT in performing both emergency medical care and operational aspects of the job.
2. Demonstrate an ability to evaluate patients and apply all emergency treatment procedures, short of those rendered by physicians.
3. Demonstrate an ability to use and maintain all equipment and instruments required to accomplish his/her job as an EMT.
4. Demonstrate knowledge of anatomy, physiology, and pathophysiology of sudden illness or injury, and of the mechanics of injury for patient evaluation.

**EMT-1 Refresher (Certificate of Training)**

Students who complete this program should be able to:

1. Explain and apply the overall roles and responsibilities of an EMT in performing both emergency medical care and operational aspects of the job.
2. Demonstrate an ability to evaluate patients and apply all emergency treatment procedures, short of those rendered by physicians.
3. Demonstrate an ability to use and maintain all equipment and instruments required to accomplish his/her job as an EMT.
4. Demonstrate knowledge of anatomy, physiology, and pathophysiology of sudden illness or injury, and of the mechanics of injury for patient evaluation.

**Programs and Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Prerequisites</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMT 61</td>
<td>Emergency Medical Technician</td>
<td>7 units</td>
<td>Satisfactory completion of: FIRTC 64 or EMT 61</td>
<td></td>
</tr>
<tr>
<td>108 lecture hours, 54 lab hours</td>
<td></td>
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<tr>
<td><strong>Programs and Courses</strong></td>
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<tr>
<td>EMT 252</td>
<td>EMT-1 Refresher</td>
<td>1 unit</td>
<td>16 lecture hours, 8 lab hours</td>
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<tr>
<td><strong>Programs and Courses</strong></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>EMT 252</td>
<td>EMT-1 Refresher</td>
<td>1 unit</td>
<td>Satisfactory completion of: FIRTC 64 or EMT 61</td>
<td></td>
</tr>
<tr>
<td>16 lecture hours, 8 lab hours</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>Programs and Courses</strong></td>
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<tr>
<td>C. L. M Advisories: Computer Literacy: recommended basic computer skills.</td>
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<tr>
<td>Language: recommended eligibility for English I &amp; II. Mathematics: recommended eligibility for Math 32.</td>
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</tr>
</tbody>
</table>

2018-2019 Catalog
ENGR 3  Plane Surveying  4 units
54 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of MATH 21
Transferable to CSU/UC
This is the foundation course in surveying and geomatics for engineers, especially civil engineers. It is intended to introduce students to the theory and practice of surveying. (L,M)

ENGR 4  Engineering Graphics  3 units
and Design
27 lecture hours, 81 lab hours
Transferable to CSU/UC
This course covers the principles of engineering drawings in visually communicating engineering designs and an introduction to computer-aided design (CAD). Topics include the development of visualization skills; orthographic projections; mechanical dimensioning and tolerancing practices; and the engineering design process. Assignments develop sketching and 2-D and 3-D CAD skills. The use of SolidWorks Engineering Design and Analysis software is an integral part of the course. Students will be expected to pass the CSWA exam as part of this course. (C,M)

ENGR 6  Computational Problem Solving for Engineers  3 units
36 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of MATH 1A
Transferable to CSU/UC
This course focuses on numerical methods with computer application programs such as MATLAB and EXCEL to solve problems in engineering and science. Programming in MATLAB is a key skill developed in this course. Grades are P/NP option. (L,M)

ENGR 17  Circuits for Engineers  3 units
54 lecture hours
Prerequisite: Satisfactory completion of PHYS 4B
Corequisite: Concurrent enrollment or satisfactory completion of MATH 2
Transferable to CSU/UC
This course covers introductory laws and theorems of electrical circuits; DC circuit analysis; natural and forced response analysis of first and second-order systems; and solutions using differential equations. Steady-state AC analysis covers the use of phasors, AC power calculations, power transfer, and energy concepts. Introduction is given to circuit devices and systems including resistors, capacitors, inductors, dependent sources, operational amplifiers, switches, transfer functions and frequency-selective circuits. (L,M)

ENGR 17L  Circuits Laboratory for Engineers  1 unit
54 lab hours
Corequisite: Concurrent enrollment or satisfactory completion of ENGR 17
Transferable to CSU/UC
Electronic and electrical experiments to reinforce the principles taught in Engineering 17. Grades are P/NP option. (L,M)

ENGR 35  Statics  3 units
54 lecture hours
Prerequisite: Satisfactory completion of PHYS 4A
Corequisite: Concurrent enrollment or satisfactory completion of MATH 1C
Transferable to CSU/UC
This is a first course in mechanics as used in engineering - with emphasis on force systems and equilibrium conditions in two and three dimensions including moments, couples and resultants. Engineering problems concerning structures, machines, centers of gravity, moments of inertia, distributed forces, internal forces, friction and methods of virtual work are covered. Trigonometric and vector methods are used in this course. Understanding and application of the concepts to engineering problems is a key component of this course. Optional topics include cable systems and Mohr's circle. (L,M)

ENGR 45  Properties of Materials  4 units
54 lecture hours
Prerequisite: Satisfactory completion of MATH 50
Transferable to CSU/UC
Exploration of the Science, Technology, Engineering and Mathematics (STEM) fields, particularly engineering, for both the decided engineering/STEM majors and others who may be curious about engineering. This course will provide the student with added college success skills which will improve his/her chances of succeeding in a technical field such as engineering. The course surveys the contemporary role of STEM professions in society, the engineering approach to problem solving, the design process, and ethics/responsibilities of engineers and scientists. The course offers a variety of hands-on activities and interactive laboratories. (L,M)

ENGR 1A  College Composition and Reading  4 units
ENGL 1B  Critical Thinking and Writing About Literature  3 units
ENGL 1C  Critical Thinking/Advanced Composition  3 units
Prerequisite: Satisfactory completion of: MATH 50
Required Courses
Units
ENGL 1A College Composition and Reading  4
ENGL 1B Critical Thinking and Writing About Literature  3
ENGL 1C Critical Thinking/Advanced Composition  3
Total units required for degree major ................................. 19
Students earning an AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

The Associate in Arts in English for Transfer degree gives students a broad based background in writing, literature, and language analysis. It prepares students for the further study of English or a related field at a four-year school. As such, a bachelor’s degree in English is a good gateway towards a career in teaching, law, technical writing, creative writing, editing/publishing, marketing, and any occupation requiring clear communication skills.

ENGLISH (Associate in Arts in Transfer)
Students completing this program should be able to:
1. Make effective rhetorical choices based on an accurate analysis of rhetorical context.
2. Analyze and interpret works from different historical and cultural traditions using appropriate conventions of literary analysis.
3. Apply reading strategies in order to critically analyze texts.
4. Gather, evaluate, and effectively integrate research materials.

Required Courses
Units
ENGL 1B Critical Thinking and Writing About Literature  3
ENGL 1C Critical Thinking/Advanced Composition  3
List A (6 units: choose 2 courses):
ENGL 30A Introduction to American Literature I OR
ENGL 30B Introduction to American Literature II  3
ENGL 46A Intro to English Literature I OR
ENGL 46B Intro to English Literature II  3
ENGL 42 Introduction to Shakespeare  3
Total units required for degree major ................................. 18
Students earning an AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC (CSU version), all courses in the major with “C” or better grades, and achieve a minimum transferable cumulative GPA of 2.0.

LEVELS OF SEQUENCE OF ENGLISH COURSES

-Non Degree Applicable
-Non Transferable

-Associate Degree Applicable

-Meets Associate Degree
-Associate Degree Applicable
-Transferable to UC and CSU systems

-Transferable to UC and CSU systems

Chabot College Counseling
CUNA Transfer Liaison

CUNA Transfer Liaison 2017-2018
Prerequisite: Satisfactory completion of: ENGL 51 or ENGL 56

54 lecture hours
Transferable to CSU
C-ID ENGL 100
Development of analytical reading and the writing of college-level essays, including critical analysis, metrical forms, and collegiate research. (L)

ENGL 1B Critical Thinking & Writing About Literature
3 units
54 lecture hours
Prerequisite: Satisfactory completion of: ENGL 1A
Transferable to CSU/C
C-ID ENGL 120
Critical thinking and writing about literature; develops critical thinking, reading, and writing skills applicable to the analysis of literary works, and criticism from diverse cultural sources and perspectives; emphasis on the techniques and principles of effective written argument; some research required. (L)

ENGL 1C Critical Thinking/Advanced Composition
3 units
54 lecture hours
Prerequisite: Satisfactory completion of: ENGL 1A
Transferable to CSU/C
C-ID ENGL 105
Principles of critical thinking, reading, and writing beyond freshman composition; focuses on the principles of, and the development of, the intellectual and logical reasoning, argumentative writing, and on the principles of rhetoric (invention, arrangement, style, memory, delivery, modes of discourse, audience). (L)

ENGL 19 News Writing and Reporting
3 units
27 lecture hours, 81 lab hours
Prerequisite: Satisfactory completion of: ENGL 51
Transferable to CSU/C
C-ID ENGL 110
Recognizing, gathering, and writing the news in accepted journalistic style, learning to conduct personal interviews and converse with poeple, meetings, and other events; understanding the legal and ethical issues related to reporting; emphasis on language, grammar, style, accuracy, news gathering, and research and organization of various types of stories. Not open for credit to students with credit in MCOMM 19. (L)

ENGL 20A News Media Production 1
3 units
27 lecture hours, 81 lab hours
Prerequisite: Satisfactory completion of: ENGL 51 or eligibility for ENGL 1A
Transferable to CSU
C-ID ENGL 135
A survey of American Literature from its beginnings in 1620 through the early Twenty-First Century. Writers covered include, among others, Chaucer, Shakespeare, Donne, Milton, and Pope; special attention will be paid to major literature genres, themes, and historical backgrounds. (L)

ENGL 30B Introduction to American Literature II
54 lecture hours
Prerequisite: Satisfactory completion of: ENGL 51 or eligibility for ENGL 1A
Transferable to CSU/C
C-ID ENGL 130
A survey of American Literature from its beginnings in 1620 through the early Twenty-First Century. This course readings and discussion cover the evolution of literary traditions, contexts, and genres during that time period. Writers include, among others, Chaucer, Shakespeare, Donne, Milton, and Pope; special attention will be paid to major literature genres, themes, and historical backgrounds. (L)

ENGL 31A Creative Writing I: Intro to the Genres
3 units
54 lecture hours
Transferable to CSU/C
C-ID ENGL 200
Introduction to the craft of writing poetry, drama, fiction, and creative non-fiction. Conducted primarily as a workshop in which students analyze examples by professional writers in the various genres, write original pieces in the various genres, practice and apply specific craft techniques, and critique their own work and the work of other students. (C,L)

ENGL 31B Creative Writing II: Writing and Editing for Publication
3 units
54 lecture hours
Prerequisite: Satisfactory completion of: ENGL 31A
Transferable to CSU
C-ID ENGL 200
Introduction to the craft of writing poetry, drama, fiction, and creative non-fiction with an eye toward publication. Craft of literary editing and evaluation of submissions to create a literary journal/publication. Analysis of examples by professional writers, editors, and publications. Conducted primarily as a workshop focusing on in-depth criticism of original student work and submitted to student editors for publication consideration. (C,L)

ENGL 34 Introduction to Film
3 units
54 lecture hours
Transferable to CSU/C
C-ID ENGL 135
Study of film as art and its influence on society, including interpretation, criticism, and technical developments; students view and discuss full-length feature films. Not open to credit with HUMAN 34 or THART 34. (L)

ENGL 36 American Ethnic Voices
3 units
54 lecture hours
Transferable to CSU/C
C-ID ENGL 130
Survey of selected American ethnic writers of African, European, Native American, Central/South American, Mexican-African, Asian, and Middle Eastern descent, focusing on how these writings contribute to the dialogue of American voices and how the writings both reflect and shape a definition of American culture. (L)

ENGL 37 Women’s Voices
3 units
54 lecture hours
Transferable to CSU/C
C-ID ENGL 130
An exploration of the thematic and stylistic elements of literature by and about women. Women's lives have been shaped by societal expectations: gender roles, sexuality identity and expression, socio-economic status, and ethnic and/or religious identities. This course will also focus on the ways that historical and ancient cultures are a foundation for understanding contemporary women’s literature. (L)

ENGL 40A Tutoring Writing I
1 unit
18 lecture hours
Prerequisite: Satisfactory completion of: ENGL 51 or ENGL 56
Corequisite: Concurrent enrollment or satisfactory completion of: ENGL 1A
Transferable to CSU
C-ID ENGL 100
An advanced training program in English composition to prepare students to tutor writing skills in a coherent and supportive manner. (L)

ENGL 40B Tutoring Writing II
1 unit
18 lecture hours
Prerequisite: Satisfactory completion of: ENGL 40A
Corequisite: Concurrent enrollment or satisfactory completion of: ENGL 1A
Transferable to CSU
C-ID ENGL 100
An advanced training program in English composition to prepare students to tutor writing skills in a coherent and supportive manner. (L)

ENGL 42 Introduction to Shakespeare
3 units
54 lecture hours
Transferable to CSU/C
C-ID ENGL 130
Introduction to the major works of William Shakespeare with special attention given to the tragedies, comedies, and histories. (L)

ENGL 43 Shakespearean Festival v1-2 units
18 lecture hours (1 unit)
36 lecture hours (2 units)
Transferable to CSU
C-ID ENGL 130
Survey of English Literature from its beginnings to the end of the 18th Century; writers include, among others, Chaucer, Shakespeare, Donne, Milton, and Pope; special attention paid to major literary genres. (L)
**ENGL 46B**  Introduction to English Literature II  3 units
54 lecture hours
Prerequisite: Satisfactory completion of ENGL 51 or eligibility for ENGL 1A
Transferable to CSU/UC
C-ID ENGL 165
Survey of English Literature from the end of the 18th Century to the present; writers include, among others, Blake, Wordsworth, Coleridge, Tennyson, Arnold, Joyce, Yeats, and Eliot; special attention paid to major literary genres. (L)

**ENGL 51** Preparatory Composition and Reading  4 units
72 lecture hours
Prerequisite: Satisfactory completion of ENGL 105 or ENGL 105 or by placement exam
Improving reading skills and writing pre-college level essays; includes basic writing elements, rhetorical modes, and a review of sentence structure and mechanics. (L)

**ENGL 56** Accelerated Preparation for College Composition and Reading  5 units
90 lecture hours
Accelerated preparation for College Composition and Reading (English 1A). Intensive instruction in the academic mindsets, reading, reasoning, and writing expected in transfer and associate-degree courses. Students engage in extensive academic reading of college-level texts and write a minimum of 10,000 words. Successful completion allows students to enroll in English 1A.

**ENGL 105** Pre-Collegiate Composition and Reading  4 units
72 lecture hours
This pre-collegiate course, two levels below College Composition (English 1A), requires students to develop strategies for reading, analyzing and responding to texts in order to write coherent essays. Students will practice academic reading strategies, using rhetorical strategies, and writing as a process. Students will also learn to edit their writing according to standards of written English.

**ENGL 40A** Low-Advanced Grammar  3 units
54 lecture hours
Prerequisite: Satisfactory completion of ESL 263 or ESL 563 or by placement exam.
Transferable to CSU/UC - UC/CSU Unit Limit
Low-advanced grammar for ESL students. This course introduces students to a theme-based grammar and teaches them to read, write, and speak English with grammatical accuracy and fluency in real-life contexts. Includes a functional study of the 12 tenses. Concurrent enrollment in ESL 116A/B, ESL 516A/B, or ENGL 105/51/56/1A is highly recommended.

**ENGL 40B** Advanced Grammar  3 units
54 lecture hours
Prerequisite: Satisfactory completion of ESL 40A or ESL 540A or by placement exam.
Transferable to CSU/UC - UC/CSU Unit Limit
Advanced grammar for ESL students. This course introduces students to a theme-based grammar and teaches them to read, write, and speak English with grammatical accuracy and fluency in real-life contexts. Includes a functional study of both nominal and adjectival phrases and clauses, articles, modals, and passive constructions. Concurrent enrollment in ESL 116A/B, ESL 516A/B, or ENGL 105/51/56/1A is highly recommended.

**ENGL 40C** High-Advanced Grammar  3 units
54 lecture hours
Prerequisite: Satisfactory completion of ESL 40B or ESL 540B or by placement exam.
Transferable to CSU/UC - UC/CSU Unit Limit
High-advanced grammar for ESL students. This course introduces students to a theme-based grammar and teaches them to read, write, and speak English with grammatical accuracy and fluency in real-life contexts. Includes gerunds, infinitives, conjunctions, conditionals, and adverb clauses. Concurrent enrollment in ESL 116A/B, ESL 516A/B, or ENGL 105/51/56/1A is highly recommended.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESL 212</td>
<td>Low-Beginning Listening and Pronunciation</td>
<td>3 units</td>
<td>Listening and pronunciation for low-beginners. Emphasis on increasing listening comprehension and oral fluency of simple spoken English in common daily personal communication. Necessary vocabulary and structure. Concurrent enrollment in ESL 212/512, 214/514, and 215/515 is highly recommended.</td>
</tr>
<tr>
<td>ESL 213</td>
<td>Low-Beginning Grammar 3 years</td>
<td></td>
<td>The first course in basic grammar for low-beginning ESL students. This course introduces students who have very little, if any, background in English to basic simple sentences and present continuous tense. Concurrent enrollment in ESL 214/514, ESL 212/512, and ESL 214/514 is highly recommended.</td>
</tr>
<tr>
<td>ESL 214</td>
<td>English Conversation, Level 1</td>
<td>2 units</td>
<td>36 lecture hours Pair, small and large group discussion for Limited English Pair speakers. Concentration on all language skills—reading, writing, listening, speaking, and grammar. This is the first course in a series of six. Prepares students for ESL 215/535 and other level three ESL courses.</td>
</tr>
<tr>
<td>ESL 215</td>
<td>Integrated ESL</td>
<td>5 units</td>
<td>90 lecture hours Language development for low-beginning, limited English speakers. Concentration on all language skills—reading, writing, listening, speaking, and grammar. This is the first course in a series of six. Prepares students for ESL 225/525 and other level two ESL courses.</td>
</tr>
<tr>
<td>ESL 222</td>
<td>Beginning Listening and Pronunciation</td>
<td>3 units</td>
<td>54 lecture hours This course covers listening and pronunciation for beginners. Emphasis placed on increasing listening comprehension and oral fluency of simple spoken English in common daily personal and academic communication. Concurrent enrollment in ESL 222/522, 224/524, 225/525, and 226/526LR is highly recommended.</td>
</tr>
<tr>
<td>ESL 223</td>
<td>Beginning Grammar 3 years</td>
<td>5 units</td>
<td>54 lecture hours Concurrent enrollment in ESL 225/525, ESL 222/522, and/or 224/524 is highly recommended. Beginning Grammar for ESL students. This course introduces students who have little background in English to basic simple sentences and short paragraphs in simple, present, present continuous, and simple past tenses.</td>
</tr>
<tr>
<td>ESL 224</td>
<td>English Conversation, Level 2</td>
<td>2 units</td>
<td>36 lecture hours Prerequisite: Satisfactory completion of: ESL 214 or ESL 514 or by placement exam. The second course in conversation for low-beginning ESL students. Builds on basic listening and speaking skills using everyday conversation in small groups, and one-on-one. Emphasis on listening comprehension, pronunciation, intonation, and role-playing situations. Students will further develop English vocabulary and grammar necessary for successful communication. Topics include comparison of students' and American cultures, geographic directions, clarification techniques, and other subjects of interest. Concurrent enrollment in ESL 225/525, 222/522, 223/523, and 226L/526LR is highly recommended.</td>
</tr>
<tr>
<td>ESL 225</td>
<td>Integrated ESL, Level 2</td>
<td>5 units</td>
<td>90 lecture hours Prerequisite: Satisfactory completion of: ESL 215 or ESL 515 or by placement exam. Language development for beginning, limited English speakers. Concentration on all language skills: reading, writing, listening, speaking, and grammar. This is the second course in a series of six. Prepares students for ESL 235/535 and other level three ESL courses.</td>
</tr>
<tr>
<td>ESL 226L</td>
<td>English as a Second Language Lab, 1</td>
<td>1 unit</td>
<td>54 lab hours Supplements English as a Second Language Level 1 through 3 courses by providing additional academic support, practice, and exercises in grammar, reading, writing, vocabulary, listening comprehension, pronunciation, speaking, and conversation. Students receive individualized and group instruction under supervision as needed. Grades are P/NP.</td>
</tr>
<tr>
<td>ESL 229AC</td>
<td>Computer Skills for ESL Students</td>
<td>3 units</td>
<td>54 lecture hours Provides students with basic computer and word processing skills necessary to type simple documents, use software and perform research related to employment. Additional students will work on English skills, such as reading, vocabulary development and pronunciation, using vocallyenhanced software in such fields as auto, healthcare, office, clerical, food service and construction. Intended for non-native English speaker with at least low-intermediate English proficiency. Concurrent enrollment in Level 3 ESL courses (e.g., ESL 232, 235) is highly recommended.</td>
</tr>
<tr>
<td>ESL 233</td>
<td>High Beginning Grammar 3 years</td>
<td>5 units</td>
<td>54 lecture hours Prerequisite: Satisfactory completion of: ESL 223 or ESL 523 or by placement exam. High-beginning grammar for ESL students. This course introduces students who have begun to develop language skills to simple sentences and short paragraphs in simple past and past continuous tenses. Concurrent enrollment in ESL 235/535, 236/536, and/or 234/534 is highly recommended.</td>
</tr>
<tr>
<td>ESL 235</td>
<td>Integrated ESL Skills, Level 3</td>
<td>5 units</td>
<td>90 lecture hours Prerequisite: Satisfactory completion of: ESL 225 or ESL 525 or by placement exam. Language development for high-beginning limited English speakers; concentration on all language skills: listening, speaking, reading, writing, and grammar. This is the third course in a series of six. Prepares students for ESL 245 and ESL 451 for Level 4 courses.</td>
</tr>
<tr>
<td>ESL 235CE</td>
<td>English Skills for Parents and Child Care Providers</td>
<td>5 units</td>
<td>90 lecture hours Prerequisite: Satisfactory completion of: ESL 225 or ESL 525 or by placement exam. This high-beginning course develops oral and written communication skills in standard English within the context of child care, child rearing, and parenting. Students develop and practice speaking, reading, writing, and working skills useful for communicating with and about children at different stages of development on topics including day-to-day care, health, nutrition, and education. This course is intended for non-native speakers of English who are parents, grandparents, child care providers, preschool teachers, and students of Child Development. This course is recommended for non-native speakers at high-beginning level. It is recommended that students enroll in or have successfully completed ESL 235/535.</td>
</tr>
<tr>
<td>ESL 239MAT</td>
<td>The Language of Arithmetic 5 units</td>
<td></td>
<td>90 lecture hours Prerequisite: Satisfactory completion of: ESL 223 or ESL 523 or by placement exam. Language development for high-intermediate limited English speakers. Concentration on all language skills – reading, writing, speaking, and comprehension in sentences in past, present, and future tenses. Concurrent enrollment in ESL 235/535 and/or 236/536 is highly recommended.</td>
</tr>
<tr>
<td>ESL 242</td>
<td>Intermediate Grammar 3 years</td>
<td>3 units</td>
<td>54 lecture hours Prerequisite: Satisfactory completion of: ESL 232 or ESL 532 or by placement exam. Language development for high-intermediate limited English speakers. Concentration on all language skills– reading, writing, speaking, and comprehension in sentences in past, present, and future tenses. Concurrent enrollment in ESL 235/535 and/or 236/536 is highly recommended.</td>
</tr>
<tr>
<td>ESL 245</td>
<td>Integrated ESL Skills, Level 4</td>
<td>5 units</td>
<td>90 lecture hours Prerequisite: Satisfactory completion of: ESL 225 or ESL 525 or by placement exam. Language development for high-intermediate limited English speakers. Concentration on all language skills – reading, writing, speaking, and comprehension in sentences in past, present, and future tenses. Concurrent enrollment in ESL 235/535 and/or 236/536 is highly recommended.</td>
</tr>
<tr>
<td>ESL 246L</td>
<td>English as a Second Language Lab, 2</td>
<td>1 unit</td>
<td>54 lecture hours Supplements English as a Second Language Level 4 through 6 courses by providing additional academic support, practice, exercises and other academic activities in grammar, reading, writing, vocabulary, listening comprehension, pronunciation, and conversation. Students receive individualized and group instruction in a variety of academic skills.</td>
</tr>
<tr>
<td>ESL 249COM</td>
<td>Computer Skills for ESL Students</td>
<td>3 units</td>
<td>54 lecture hours Provides students with the basic computer and word processing skills necessary to format, type, retrieve, and revise simple documents. Students learn to use varied software and perform basic research related to their academic needs and future employment using the internet. Additionally, students will work on English skills, such as reading and following directions (both reading and listening), and development of vocabulary related to computers. Intended for non-native English speakers with at least low-intermediate English proficiency. Concurrent enrollment in Level 4 ESL courses (e.g., 245, 243) is strongly recommended.</td>
</tr>
<tr>
<td>ESL 253</td>
<td>Intermediate Grammar 3 years</td>
<td></td>
<td>54 lecture hours Prerequisite: Satisfactory completion of: ESL 242 or ESL 542 or by placement exam. Intermediate grammar for ESL students. This course introduces students to writing paragraphs containing complex sentences in present, past, and future tenses. Concurrent enrollment in ESL 253/555 and/or 255/556, and ESL 252/552 is highly recommended.</td>
</tr>
<tr>
<td>ESL 255</td>
<td>ESL Integrated Skills, Level 5</td>
<td>5 units</td>
<td>90 lecture hours Prerequisite: Satisfactory completion of: ESL 245 or by placement exam. Language development for high-intermediate limited English speakers. Concentration on all language skills– reading, writing, speaking, and comprehension in sentences in past, present, and future tenses. Concurrent enrollment in ESL 253/553 and/or 255/556 is highly recommended.</td>
</tr>
<tr>
<td>ESL 256</td>
<td>Intermediate Writing 4 units</td>
<td></td>
<td>72 lecture hours Prerequisite: Satisfactory completion of: ESL 245 or ESL 545 or by placement exam. Writing for intermediate ESL. Develops ability to write more detailed paragraphs using simple and compound sentences containing complex language structures and grammarians and mechanics. Concurrent enrollment in ESL 253/553 and ESL 255/555 highly recommended.</td>
</tr>
</tbody>
</table>
ESL 259 Language of Math 3 units
For ESL Students
54 lecture hours
Intended to familiarize speakers of other languages with the language of basic mathematics needed in dealing with whole numbers, addition, subtraction, multiplication, division, and basic fraction manipulation. Grades are FINP.

ESL 259EM English for Employment 3 units
54 lecture hours
Prepares students for vocational training and/or employment. Includes vocabulary for the world of work and skill development for job search, application and job retention. Intended for non-native English speakers with at least intermediate English proficiency. Concurrent enrollment in ESL 252, 253, 257, 259, and/or 255 and above is highly recommended. (L)

ESL 259MAT The Language of Mathematics 3 units
For ESL Students
54 lecture hours
Prerequisite: Satisfactory completion of ESL 233 or ESL 235 or by placement exam.
This course develops the English speaking abilities of non-native English speakers specifically in regards to the language and vocabulary of mathematics as it is used in the American educational system. Students will learn to read, write, and verbally express mathematical words, numbers, and notations.

ESL 263 High Intermediate Grammar 3 units
54 lecture hours
Prerequisite: Satisfactory completion of ESL 253 or ESL 553 or by placement exam.
High-intermediate grammar for ESL students. This course introduces students to writing short paragraphs containing compound and complex sentences in present, past, present perfect, and future tenses. Concurrent enrollment in ESL 265/569 or ESL 267/269 is highly recommended.

ESL 265 Integrated ESL Skills, Level 6 5 units
90 lecture hours
Prerequisite: ESL 265 or by placement exam.
Language development for high-intermediate limited English speakers. Concentration on all language skills – reading, writing, speaking, and grammar. This course is the last in a series of six integrated skill courses (215, 225, 235, 245, 255, and 265) leading to a certificate of completion in English at the high-intermediate level. Prepares students for college-level courses.

ESL 268 High-Intermediate Writing 4 units
72 lecture hours
Prerequisite: Satisfactory completion of ESL 258 or ESL 558 or ESL 253 or ESL 553 or by placement exam.
Writing for high-intermediate ESL students. Further develops ability to write longer, correctly formatted paragraphs and short compositions with simple, compound, and complex sentences using proper grammar, spelling and verb tenses. Concurrent enrollment in ESL 203/563 and 265/569 is highly recommended.

FIRST RESPONDER (Certificate of Training)

Required Courses
FIRTC 205 Emergency Response

FINISHED

FIRE TECHNOLOGY (Certificate of Achievement)

Students who complete this program should be able to:
1. Analyze, interpret, and evaluate prevention/protection/firefighting theories, principles, and concepts to address real-life situations in the field.
2. Analyze, interpret, and evaluate prevention/protection/firefighting theories, principles, and concepts to develop strategies to prevent, control, and fight fires.
3. Discuss the role of the fire service in the community and the importance of its Mission Statement.

Required Courses
FIRTC 1 Fire Protection Organization
FIRTC 2 Fire Prevention Technology
FIRTC 3 Fire Protection Equipment and Systems
FIRTC 4 Building Construction for Fire Protection
FIRTC 5 Fire Behavior and Combustion
FIRTC Electives

Total units required: 18

FIRE FIGHTER I ACADEMY

The Fire Fighter I Academy is an intensive training program which academically prepares students for entry-level jobs in the fire fighting field. The California Fire Fighter I curriculum and Emergency Medical Technician guidelines are followed throughout the program and cover the basic skills and knowledge needed to work in the fire service field. While students who are not yet 18 years of age may enroll in the academy, they must be 18 years of age or older to complete the EMT portion of the class and successfully complete the academy. Students must also provide a physician's approval to participate in the physical training portion of the academy.

Students who successfully complete the academy may be certified by the State of California after completing either one year as a volunteer firefighter or six months as a paid firefighter with a California fire department. To assist graduates of the academy in obtaining the required experience at a California fire department, Yuba College also offers the Fire Technology Practicum.
Programs and Courses

FIRTC 1 Fire Protection & Emergency Services 3 units
54 lecture hours Transferable to CSU
Introduction to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection; fire loss analysis; organization and function of public and private fire protection services; fire department as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics.

FIRTC 2 Fire Prevention Technology 3 units
54 lecture hours Transferable to CSU
Provides fundamental information regarding the history and philosophy of fire prevention, organization, and operation of a fire prevention bureau; use of fire codes; identification and correction of fire hazards; and the relationship of fire prevention with fire safety education, detection, and suppression systems. Not open to credit students with credit in Fire Science 12. (L)

FIRTC 3 Fire Protection Equipment 3 units and Systems
54 lecture hours Transferable to CSU
Provides information relating to the features and design of fire detection and alarm systems, heat and smoke control systems, special protection and sprinkler systems, water supply for fire protection and portable fire extinguishers. Not open to students with credit in FIRSC 15. (L)

FIRTC 4 Building Construction 3 units for Fire Protection
54 lecture hours Transferable to CSU
Fundamentals of building construction that relate to fire safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, preplanning fire operations, and operating at fires. The development and evolution of building and fire codes will be studied in relationship to past fire and residential, commercial, and industrial occupancies. Not open for credit to students with credit in FIRSC 27. (L)

FIRTC 5 Fire Behavior and Combustion 3 units
54 lecture hours Transferable to CSU
Theory and fundamentals of how and why fires start, spread, and are controlled; an in-depth study of fire chemistry and physics, fire characteristics of materials, extinguishing agents, and fire control technologies. Not open for credit to students with credit in FIRSC 13. (L)

FIRTC 6 Principles of Fire and Emergency Services Safety and Survival
54 lecture hours Transferable to CSU
This course introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services.

FIRTC 63A Driver/Operator IA 2 units 36 lecture hours, 2 lab hours
Other: Valid Class B driver’s license.
Designated to provide the student with driving techniques for emergency vehicles and includes basic inspection and maintenance of equipment. Course involves actual driving exercises under simulated emergency conditions. This course is a component of the California State Fire Marshal’s Apparatus Driver/Operator certification. (L)

FIRTC 63B Driver/Operator IB 2 units 36 lecture hours, 2 lab hours
Designated to provide student with the theory, methods, and techniques for operating fire service pumping; includes types of pumps, engine and pump gauges, maintenance, unsafe pumping conditions, pressure relief devices, cooling systems, water supplies, draft, field hydraulics and pumping operations. This course is a component of the California State Fire Marshal's Apparatus Driver/Operator certification. (L)

FIRTC 64 firefighter I Academy 26 units 998 lecture hours, 222 lab hours
Other: Must be 18 years of age or older to complete the EMT portion of the class and successfully complete the academy. Physician’s clearance is required. Provides student with the basic skills and knowledge to work in the fire service. The California State Firefighter I curriculum and emergency medical technician (EMT) guidelines will be followed. Provides training in fire department organization, fire control, equipment operation, prevention, protection, hose, nozzles, and breathing apparatus. Includes I-200 training. (L)

FIRTC 70 Fire Management 1 2 units 40 lecture hours
Designed to prepare or enhance the first line supervisor’s ability to supervise subordinates in a fire service setting. Course introduces key management concepts and practices. Course addresses decision-making, time management, leadership styles and theories, developing teams, personnel evaluations and counseling guidelines. This course covers ten components of the California Fire Service Training and Education System classes needed for Fire Officer certification. (L)

FIRTC 71A Fire Instructor 1A 2 units 40 lecture hours
Designed to prepare individuals to teach technical subject matter to fire service personnel. Course introduces types of learning, levels of instruction, testing, establishing course objectives, and developing lesson plans. This course is one of ten components of the California Fire Service Training and Education System classes needed for Fire Officer certification. Not open for credit to students with credit in FIRSC 71. (L)

FIRTC 71B Fire Instructor 1B 2 units 40 lecture hours
Prerequisite: Satisfactory completion of FIRTC 71A
Designed to prepare individuals to teach technical subject matter to fire service personnel. Course includes development of job sheets, technical lesson plans, various types of examinations, group instruction techniques, and methods to evaluate instruction. This course is one of ten components of the California Fire Service Training and Education System classes needed for Fire Officer certification. Not open for credit to students with credit in FIRTC 72. (L)

FIRTC 81 Basic Incident Command System I-200 1 unit 18 lecture hours
Designed to provide the student with a basic understanding of the Incident Command System (ICS). This course covers terminology, positions, organization, and management in the ICS. This course includes the State Fire Marshal's standards of I-200 training. (L)

FIRTC 82 I-300 Intermediate Incident 1.5 units Command 27 lecture hours
Prerequisite: Satisfactory completion of: FIRTC 81
Designed to provide the student with an expanded understanding of the Incident Command System (ICS) by providing more description and detail of the organization and operation of the ICS. This course covers modules 7-11 and includes duties of all positions, developing the system within a Unified Command Structure, managing resources and demobilization, Air Operations support, and the principles involved in incident or emergency management. This course is one of the ten components of the California Fire Service Training and Education System classes needed for Fire Officer certification. (L)

FIRTC 84 Low Angle Rope Rescue Operations 1 unit 12 lecture hours, 12 lab hours
Designed primarily for those working in the fire service, but is open to anyone. This course will equip the student with the techniques and methods for using rope, wedging, hardwires, friction devices, and litters in low angle rescues. Areas covered include: rope and related equipment, anchor systems, safety lines, stretcher lashing and rigging, mechanical advantage systems along with single line and two line rescue systems. Upon successful completion of the course, students will receive State Fire Marshal certification. Grades are P/NP. (L)

FIRTC 85 Wildland Wildfirefighting for Volunteer Firefighter 1.5 units 24 lecture hours, 16 lab hours
Designed primarily for volunteer and local government firefighters who respond to wildland fires. Covers wildland firefighter safety, terminology, skills, equipment used, strategies, tactics, and basic fire behavior. Students will participate in a simulated wildfire exercise/event. Grades are P/NP. (L)

Programs and Courses

FRNCH 1 Elementary French, Part 1 4 units 72 lecture hours
Transferable to CSU
Introduction to the language and culture of the French-speaking world. It includes the development of speaking, listening, reading and writing with an emphasis on the communicative skills, as well as the fundamentals of French grammar. This course is equivalent to one year of high school French.

FRNCH 2 Elementary French, Part 2 4 units 72 lecture hours
Prerequisite: Satisfactory completion of: FRNCH 1 or: Other: Prerequisite: One year of high school French, or Placement exam: Students must score 70% or higher on a placement test administered by the Foreign Language Department. Or by placement exam
Transferable to CSU
A continuation of FRNCH 1. Provides further basic communication skills through listening, speaking, reading and writing. It includes practice at the intermediate level and review of the fundamentals of French grammar. (L)

GENERAL BUSINESS (See Business)
General Education

The General Education area major is approved by the California Community Colleges Chancellor’s Office and is designed to provide students with the opportunity to earn an Associate in Arts or Associate in Science degree in a broad area of study. Students who wish to transfer to a four-year college or university should consult with a counselor prior to beginning one of these majors for appropriate course selection.

Note: These majors will be printed on the diploma. One of these General Education degrees may be earned.

For the General Degree, you will need to complete one of the five areas listed. You may select the general education major of:

1. ARTS & HUMANITIES — Associate in Arts Degree
2. SOCIAL AND BEHAVIORAL SCIENCES — Associate in Science Degree
3. NATURAL SCIENCE — Associate in Science Degree
4. COMMUNICATION — Associate in Arts Degree

ARTS & HUMANITIES (Associate in Arts Degree):

This degree emphasizes 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 learn to value aesthetic understanding and incorporate these concepts when constructing value judgments.

Students who complete this program should be able to:

1. Demonstrate an awareness of diverse human responses to the world around them through artistic and cultural creation.
2. 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.
3. Value aesthetic understanding and incorporate these concepts when constructing value judgments.

COMMUNICATION (Associate in Arts Degree):

This degree emphasizes the content of communication as well as the form and should provide an understanding of the psychological basis and social significance of communication. Students will be able to assess communication as the process of human symbolic interaction. Students will also develop skills in the areas of reasoning and advocacy, organization, accuracy, reading and listening effectively. Students will be able to integrate important concepts of critical thinking as related to the development of analysis, critical evaluation, to reason inductively and deductively that will enable them to make important decisions regarding their own lives and society at large.

Students who complete this program should be able to:

1. Demonstrate the Ability to Accomplish Communicative Goals.
2. Create Messages Appropriate to the audience, purpose, and context.

Students must complete 18 units from at least three of the areas listed below. Courses must be completed with a “C” or higher grade.

- English 1A, 1B, 1C, 3A, 3B, 5, 31
- American Studies 31
- Early Childhood Education 39
- French 1, 10
- History 4A, 4B, 5A, 5B, 7, 14, 15, 16A, 16B, 17A, 17B
- Humanities 3, 5, 10, 11, 12, 15, 20, 26A, 26B, 31, 33, 34
- Music 1, 1A, 3, 8A, 8B, 12, 15, 16
- Philosophy 1, 2, 3, 20
- Speech 2
- Theatre Arts 10, 33, 34

Students earning an AA degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA. Please see your counselor for additional information.

SOCIAL AND BEHAVIORAL SCIENCES (Associate in Science Degree):

This degree emphasizes the perspective, concepts, theories and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and as members of a larger society. Topics and discussion to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate.

Students who complete this program should be able to:

1. Demonstrate understanding of and ability to delineate how different social and behavioral science disciplines.
2. Demonstrate understanding of how the self is shaped by membership in modern society.
3. Demonstrate understanding of and ability to delineate how different social and behavioral science disciplines.

Students must complete 18 units from at least three of the areas listed below. Courses must be completed with a “C” or higher grade.

- Administration 10
- Anthropology 2, 3
- Early Childhood Education 3, 31
- Economics 1A, 1B
- Ethnic Studies 1
- Geography 2
- History 4A, 4B, 5A, 5B, 7, 14, 15, 16A, 16B, 17A, 17B
- Mass Communications 2
- Political Science 1
- Psychology 1, 12, 22, 31, 33, 41, 46
- Sociology 1, 2, 5, 10, 30

Students must complete 18 units from at least three of the areas listed below. Courses must be completed with a “C” or higher grade.

NATURAL SCIENCE (Associate in Science Degree):

This degree allows the student to take courses that will prepare them for possible majors within the fields of science, including the allied Health fields, nursing preparation, health science and related fields, pre-med and more.

Students who complete this program should be able to:

1. Analyze data effectively using current technology.
2. Communicate scientific ideas and principles clearly and effectively.
3. Analyze and apply fundamental mathematical, physical, and chemical concepts and techniques to scientific issues.
4. Apply fundamental concepts and techniques.

Students must complete 18 units from at least three of the areas listed below. At least one course must be selected from Mathematics or Statistics. Courses must be completed with a “C” or higher grade.

Anthropology 1
Astronomy 1, 11
Biology 1, 2, 3, 4, 5, 6, 10, 10L, 11, 15, 25
Chemistry 1A, 1B, 2A, 2B, 10
Ecology 10, 11, 12
Geography 1
Geology 10, 10L, 11L
Mathematics 1A, 1B, 9, 10, 15, 16, 21, 25
Physical Science 10A, 10B, 10C
Physics 2A, 2B, 3A, 3B, 4A, 4B
Plant Science 20, 20L, 22, 22L
Statistics 1

Students earning an AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

Students must complete 18 units from at least three of the areas listed below. Courses must be completed with a “C” or higher grade.

- Administration 10
- Anthropology 2, 3
- Early Childhood Education 3, 31
- Economics 1A, 1B
- Ethnic Studies 1
- Geography 2
- History 4A, 4B, 5A, 5B, 7, 14, 15, 16A, 16B, 17A, 17B
- Mass Communications 2
- Political Science 1
- Psychology 1, 12, 22, 31, 33, 41, 46
- Sociology 1, 2, 5, 10, 30

Speech 8

Students earning an AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

Geography

GEOG 1 Physical Geography 3 units

A spatial study of Earth's dynamic physical systems and processes. Topics include maps, earth-sun relations, weather, climate, water, landforms, soils, and the biosphere. Emphasis is on interrelationships among systems and processes and their resulting patterns and disorder (L:3)

GEOG 2 Cultural Geography 3 units

A survey of human populations and their relationship with the physical environment; past and present development of cultures.
Programs and Courses

Geology

GEOL 10L Physical Geology 4 units 54 lecture hours, 54 lab hours Transferable to CSU/UC - UC Unit Limit C-ID GEOL 10L Physical geology introduces the processes that are at work changing the Earth today. Covers rocks and minerals, volcanoes, earthquakes and plate tectonics. It also examines how water and wind shape the Earth's surface. Not open for credit to students with credit in GEOL 10. (L)

GEOL 11L Historical Geology 4 units 54 lecture hours, 54 lab hours Transferable to CSU/UC C-ID GEOL 11L Historical Geology is the study of the evolution of life and landforms through geologic time through the examination of the rock record. In this course one will learn how the study of fossils, rocks, tectonic processes, and geologic environments can provide us with information regarding Earth's geologic and biologic history. (L)

GEOL 12 Oceanography 3 units 54 lecture hours Transferable to CSU/UC General introduction to the basic principles of oceanography, including the study of geological, physical, and chemical oceanography. Topics will include the origin of the Earth and the oceans, plate tectonics, marine provinces, sediment, seawater, composition and geochemical distributions, surficial and deep-water oceanic circulation, waves, tides, coastal erosion and deposition, marine ecosystems, and human's effects on the oceans. (L)

GEOL 20 Geology of California 3 units 54 lecture hours Transferable to CSU/UC C-ID GEOL 20L General introduction to the geological sciences with emphasis on the study of California. Topics covered will include the tectonic provinces, landforms, mineral deposits, climate, history, natural hazards, and related geologic environmental problems in the state. (L)

GEOL 40 Regional Geology - Sierra Nevada - Effective Summer 2019 - 16.2 lecture hours, 5.4 lab hours (1 unit) 32.4 lecture hours, 10.8 lab hours (2 units) Transferable to CSU This field course focuses on the geology of the Sierra Nevada, with an emphasis on the tectonic and geomorphic history of the area. The course includes study of the various intrusive rocks and the minerals they contain, as well as the relative ages of the plutons. Glacial erosion and depositional processes will be discussed.

GEOL 41 Regional Geology - Field Trip v1-3 units 18 lecture hours (1 unit) 36 lecture hours (2 units) 54 lecture hours (3 units) Transferable to CSU This field course provides an opportunity to explore specific areas of geologic interest. Tectonic setting, sedimentary processes and rock formation will be emphasized. Trip location will vary depending on season and accessibility. Varying amounts of hiking will be required depending on the location. Students are responsible for the costs of meals, transportation, and camping or lodging.

GEOL 42 Regional Geology - California Volcanoes v1-3 units 12 lecture hours, 12 activity hours (1 unit) 24 lecture hours, 24 activity hours (2 units) 36 lecture hours, 36 activity hours (3 units) Transferable to CSU This field course provides an opportunity to explore a specific site of volcanic interest in California. The course will explore the tectonic setting, the rock cycle, weather and erosion, and topics specific to volcanoes. Trip location will vary depending on season and accessibility. Varying amounts of hiking will be required depending on the location. Students are responsible for the costs of meals, transportation, and camping or lodging.

GEOL 43 Regional Geology - California Coasts v1-3 units 16.2 lecture hours, 5.4 lab hours (1 unit) 32.4 lecture hours, 10.8 lab hours (2 units) 48.6 lecture hours, 16.2 lab hours (3 units) Transferable to CSU This field course provides an opportunity to explore a specific area of coastal interest in California. The course will explore the tectonic setting, the rock cycle, weather and erosion, and topics specific to coastlines. Trip location will vary depending on season and accessibility. Varying amounts of hiking will be required depending on the location. Students are responsible for the costs of meals, transportation, and camping or lodging.

GEOL 44 Regional Geology - Desert v1-3 units 16.2 lecture hours, 5.4 lab hours (1 unit) 32.4 lecture hours, 10.8 lab hours (2 units) 48.6 lecture hours, 16.2 lab hours (3 units) Transferable to CSU This course will explore one or multiple desert locations specific to California. Content will focus on specific features of geologic interest; and will include geographic features. Historical climates will also be considered as well as human impact and preservation.

Health Education

HLTH 1 Health and Life Style Choices 3 units 54 lecture hours Transferable to CSU/UC - UC Unit Limit This course will explore one or multiple desert locations specific to California. Content will focus on specific features of geologic interest; and will include geographic features. Historical climates will also be considered as well as human impact and preservation.

HLTH 2 First Aid & Cardiopulmonary Resuscitation 1 unit 18 lecture hours Transferable to CSU Learn the skills needed for standard First Aid and Cardiopulmonary Resuscitation/AED. This course is highly recommended for volunteer coaches, parents, child care givers and individuals who are interested in helping save lives. Upon successful completion, students may receive a Red Cross certification card.

HLTH 3 First Aid and CPR for Kinesiology Majors 3 units 54 lecture hours Transferable to CSU C-ID KIN 101 This course involves the theory and detailed demonstration of the first aid care of the injured. The student will learn to assess a victim's condition and incorporate proper treatment. Standard first aid, CPR, and AED certification(s) will be granted upon successful completion of requirements. Grades are P/NP option.

HLTH 4 Psychosocial Health 3 units 54 lecture hours Transferable to CSU/UC - UC Unit Limit Explores how attitudes and emotions affect physical health along with emotional health. Additionally how psychosocial health can play a role in prevention of disease. This class presents current research on the link between the mind and the body. (L)

HLTH 5 Sport Psychology 3 units 54 lecture hours Transferable to CSU Provides a concentrated study of human behavior in the context of participating in sport and how behavior (performance) is affected by other sources. Includes study about motivation, the brain’s impact on performance, stress, goal setting, sport imagery and current research into sport performance.

Health

HLTH 10 Principles of Nutrition 3 units 54 lecture hours Transferable to CSU/UC - UC Unit Limit In-depth study of nutrients and their functions, chemical composition of foods and their utilization in the body. Course topics such as weight loss, sports nutrition, food safety, the diet-disease relationship, global nutrition, and individual's nutritional needs throughout the life cycle are emphasized. Course includes assessment of the student's own nutritional health.

HLTH 11 Nutrition and Life Fitness 3 units 54 lecture hours Transferable to CSU/UC - UC Unit Limit The analysis and evaluation of current practices and theories regarding nutrition and exercise and their relationship to weight control and physical fitness. Individualized exercise prescription, and nutritional analysis will be completed by each student. (L)
The Associate in Arts in History for Transfer degree provides students with the opportunity to complete their freshman/sophomore level classes needed for a Bachelor’s degree in History within the California State University System. Upon completion of the Associate in Arts in History for Transfer degree, students will be able to use knowledge of the past and accumulated analytical and critical thinking skills from a variety of perspectives on current social, political, and economic dynamics and apply any conclusions about the past and present to the process of creating better local, national, and global societies.

History is a study of the past. The past not only defines our lives, society, and the world we live in today, but shapes the path of our future. Students of history study individual, groups, communities, nations, people, and cultures from different times and places. Many different methods and approaches are applied to effectively learn about history. History students examine the past through different perspectives and apply various analytical techniques to raise questions and think critically about the past. In addition to learning about amazing events, history provides us with a better understanding of our present lives.

**History (Associate in Arts)**

Students who complete this program should be able to:

1. Demonstrate a breadth and depth of historical knowledge including but not limited to analysis of historical evidence to evaluate the causes and effects of key turning points in the human experience.
2. Examine the experiences of various peoples throughout time and space and their significance to global development.
3. Demonstrate an understanding of the ways in which modern day peoples are profoundly impacted by historical events and how an appreciation of the past aids in our evaluation of current temporary issues.

**Required Courses**

**Units**

**List A:** Must complete 6 units from the following:

- HIST 17A United States History ............................... 3 units
- HIST 17B United States History ............................... 3 units
- Select one from:
  - HIST 4A Western Civilization ........................................ 3 units
  - HIST 4B Western Civilization ........................................ 3 units
  - HIST 5A World Civilizations ....................................... 3 units
  - HIST 5B World Civilizations ....................................... 3 units

**List B:** Must complete 6 semester units of any history course (excluding List A courses, if not used above) or any history course from the humanities or social sciences related to the history articulated as fulfilling CSU GE Area A or D:

- HIST 7 Indians of North America .................................. 3 units
- HIST 14 Asian-American History ............................... 3 units
- HIST 15 Mexican-American History ............................ 3 units
- HIST 16A African-American History ............................ 3 units
- HIST 16B African-American History ............................ 3 units
- HIST 29 Women in American History .......................... 3 units
- ECON 1A Elementary Economics-Macro ...................... 3 units
- ECON 1B Elementary Economics-Micro ....................... 3 units

**List C:**

- HUMAN 10 Introduction to Western Humanities ............... 3 units
- SOCI 1 Introduction to Sociology ................................ 3 units
- SOCI 5 Sociology of Race and Ethnicity ...................... 3 units

Total units required for degree major ........................................ 18

Students earning an AA-T/AS degree must complete 80 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC pattern. All courses in the major with "C" or better grades and achieve a minimum transferable cumulative GPA of 2.0.

**History (Associate in Arts)**

Students who complete this program should be able to:

1. Demonstrate a breadth and depth of historical knowledge including but not limited to analysis of historical evidence to evaluate the causes and effects of key turning points in the human experience.
2. Examine the experiences of various peoples throughout time and space and their significance to global development.
3. Demonstrate an understanding of the ways in which modern day peoples are profoundly impacted by historical events and how an appreciation of the past should inform how we approach contemporary issues.

**Required Courses**

**Units**

**List A:** Must complete 6 units from the following:

- Select one from:
  - HIST 4A Western Civilization ........................................ 3 units
  - HIST 4B Western Civilization ........................................ 3 units
  - HIST 5A World Civilizations ....................................... 3 units
  - HIST 5B World Civilizations ....................................... 3 units

**List B:** Must complete 6 semester units of any history course (excluding List A courses, if not used above) or any history course from the humanities or social sciences related to the history articulated as fulfilling CSU GE Area A or D:

- HIST 7 Indians of North America .................................. 3 units
- HIST 14 Asian-American History ............................... 3 units
- HIST 15 Mexican-American History ............................ 3 units
- HIST 16A African-American History ............................ 3 units
- HIST 16B African-American History ............................ 3 units
- HIST 29 Women in American History .......................... 3 units
- ECON 1A Elementary Economics-Macro ...................... 3 units
- ECON 1B Elementary Economics-Micro ....................... 3 units

**List C:**

- HUMAN 10 Introduction to Western Humanities ............... 3 units
- SOCI 1 Introduction to Sociology ................................ 3 units
- SOCI 5 Sociology of Race and Ethnicity ...................... 3 units

Total units required for degree major ........................................ 18

Students earning an AA-T/AS degree must complete 80 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC pattern. All courses in the major with "C" or better grades and achieve a minimum transferable cumulative GPA of 2.0.
# CHEMICAL DEPENDENCY COUNSELOR

**Certification of Achievement**

Students who complete this program should be able to:
1. Perform clinical evaluations which is the systematic approach to screening and assessment of individuals thought to have a substance use disorder, by being considered for admission to addiction-related services, or presenting in a crisis situation.
2. Develop treatment plans which are a collaborative process in which professionals and the client develop a written document that describes important treatment goals, describes measurable, time-sensitive action steps toward achieving those goals with expected outcomes; and reflects a signed agreement between a counselor and client.
3. Provide client, family and community education which is the process of providing clients, families, significant others, and community groups with information on risks related to psychoactive substance use, as well as available prevention, treatment, and recovery resources.
4. Uphold professional standards and ethical responsibilities which are the obligations of an addiction counselor to adhere accepted ethical and behavioral standards, conduct, and professional development.

## Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUSEV 20</td>
<td>Introduction to Chemical Dependency Studies</td>
<td>3</td>
</tr>
<tr>
<td>HUSEV 21</td>
<td>Intro/Physiological/Psychological</td>
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## HUSEV 20 Introduction to Chemical Dependency Studies

An introduction and overview focused on drug action and disposition of the major drugs of abuse; ethanol, marijuana, cocaine, hallucinogens, opioids, PCP, LSD, and designer drugs. Drug testing and the National Institute of Drug Abuse guidelines will be discussed. (L)

## HUSEV 21 Introduction to Physiological/Psychological Effects of Drugs of Abuse

A broad overview of the counseling methods used in treating chemical dependency. An introduction to counseling theories and specific techniques used in the treatment; i.e., psycho-dynamic, behavioral, cognitive-behavioral, multi-modal, client centered, couples and family counseling. Case histories and specific theories will be analyzed. Not open for credit to students with credit in HUSEV 26A. (L)

## HUSEV 25 Basic Chemical Dependency Counseling

An introduction to counseling theories and specific techniques used in the treatment; i.e., psycho-dynamic, behavioral, cognitive-behavioral, multi-modal, client centered, couples and family counseling. Case histories and specific theories will be analyzed. Not open for credit to students with credit in HUSEV 26A. (L)

## HUSEV 26A Supervised Field Work Practicum (Internship)

Field placement in a human service agency. Orientation to the clients, their families, and society. (L)

## HUSEV 26B Supervised Field Work Practicum

Field placement in a human service agency. Orientation to the clients, their families, and society. (L)

## HUSEV 27 Legal/Ethical Aspects of Human Services

Introduction to the legal/ethical responsibilities of human services workers and Chemical Dependency Counselors, with emphasis on confidentiality and the legal concept of privilege. All federal/state laws regarding the counseling/client relationship, client’s rights, child abuse reporting, etc., will be discussed. Emphasis is on the obligation of the counselors to the clients, their families, and society. (L)

## HUSEV 28 Skills and Techniques of Group Counseling

This course is designed to provide and overview of the basic skills and techniques used in group counseling and practices including ethical issues related to the field of group work. Topics include are communication skills in a group setting, theories of group counseling, best practices, guidelines and diversity issues. Grades are P/NP option. (L)

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**CHEMICAL DEPENDENCY COUNSELOR (Associate in Science)**

Students who complete this program should be able to:
1. Perform clinical evaluations which is the systematic approach to screening and assessment of individuals thought to have a substance use disorder, by being considered for admission to addiction-related services, or presenting in a crisis situation.
2. Develop treatment plans which are a collaborative process in which professionals and the client develop a written document that describes important treatment goals, describes measurable, time-sensitive action steps toward achieving those goals with expected outcomes; and reflects a signed agreement between a counselor and client.
3. Provide client, family and community education which is the process of providing clients, families, significant others, and community groups with information on risks related to psychoactive substance use, as well as available prevention, treatment, and recovery resources.
4. Uphold professional standards and ethical responsibilities which are the obligations of an addiction counselor to adhere accepted ethical and behavioral standards, conduct, and professional development.

## Required Courses

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<tr>
<th>Course Code</th>
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This course is designed to provide and overview of the basic skills and techniques used in group counseling and practices including ethical issues related to the field of group work. Topics include are communication skills in a group setting, theories of group counseling, best practices, guidelines and diversity issues. Grades are P/NP option. (L)
HUMANITIES

HUMANITIES 30 Adult Children of Alcoholics 1 unit
18 lecture hours
Transferable to CSU
Exploration of techniques, concepts and behavioral guidelines for identifying the consequences of parental alcoholism addiction. Principles of modeling, shaping, reinforcement and extinction of dysfunctional behavioral patterns learned in childhood will be described. Not open for credit to students with credit in HUSEV 60. (L)

HUMANITIES 31 Family Treatment Approaches 1 unit
18 lecture hours
Transferable to CSU
An examination of the systems approach in chemical dependency counseling as it relates to dysfunctional, addictive families. Not open for credit to students with credit in HUSEV 61. (L)

HUMANITIES 32 Relationship Addiction/Co-dependency 1 unit
18 lecture hours
Transferable to CSU
Identification of co-dependent behavior and the effects of these behaviors on relationships; assessment of healthy vs. unhealthy relationships on a continuum. Not open for credit to students with credit in HUSEV 62. (L)

HUMANITIES 33 Self Awareness: The Key to Non-Addictive Behavior 1 unit
18 lecture hours
Transferable to CSU
Emphasis on techniques to build a healthy relationship with oneself as fundamental for releasing addictive behavior patterns. Not open for credit to students with credit in HUSEV 63. Grades are PINP. (L)

HUMANITIES 35 Addiction and Domestic Violence 1 unit
18 lecture hours
Transferable to CSU
An overview of factors contributing to and eliciting explosive behavior responses in adults and children where substance abuse occurs in the home. Not open for credit to students with credit in HUSEV 65. Grades are PINP. (L)

HUMANITIES

HUMANITIES is the study of making connections, a quest to understand “life in all of its manifestations.” Art, sculpture, architecture, myth, religion, music, philosophy, and literature all provide a mirror to reflect the characteristics of a culture, its values, themes, and visions. Each is part of the web of life, giving insight into the totality. Humanities seeks to explore the vital creativity and instinct of artists who brought about new insights in emerging cultures, the creative geniuses that helped to forge innovative ideas and modes of understanding, the creation and focus of religions that tapped the depths of the human spirit, philosophies and modes of thinking that shaped the consciousness of humankind, and the architecture that brought new ideas to form.

HUMANITIES 5 Art Appreciation 3 units
54 lecture hours
Transferable to CSU/UC
Introduction to art appreciation with an emphasis on basic 2D, 3D, and film mediums and their relationships to humanities. Historical and contemporary work with a multicultural focus will be emphasized. Not open for credit to students with credit in ART 5. (L)

HUMANITIES 10 Introduction to Western Humanities 3 units
54 lecture hours
Transferable to CSU/UC
Learning the habit of making connections through thinking, feeling, sensing, and intuition, integration of the arts, architecture, music, philosophy, and history from pre-history through Renaissance. (L)

HUMANITIES 11 Art, Literature and Music in Humanities 3 units
54 lecture hours
Transferable to CSU/UC
Art, literature, and music in the humanities from the Renaissance through the 20th Century. (L)

HUMANITIES 20 Introduction to World Myth 3 units
54 lecture hours
Transferable to CSU/UC
Four functions of myth analyzes ethnic and universal messages of myth. Explores life’s great themes across many cultures: birth, death, dependence, independence, love and growth. (L)

HUMANITIES 20 Introduction to World Myth 3 units - Effective Spring 2019 -
54 lecture hours
Transferable to CSU/UC
Comares and contrasts ethnic and universal messages of myth. Explores life’s great themes across many cultures. This class will cover myths from around the world, including at least four of the following cultures each semester: India, Mesopotamia, Africa, North and South America, Celtic, Nordic, East Asia, and others. (L)

INFORMATION TECHNOLOGY

SOFTWARE DEVELOPMENT & INFORMATION SYSTEMS

INTRN 46 Internship v1-8 units
60-605 lab hours
Transferable to CSU
A cooperative effort between the college and the professional community to provide real-world experience in the student’s major field. A maximum of 16 units can be earned during a student’s enrollment at the college with an 8-unit maximum in any one semester. Those enrolling in this class are not eligible for Cooperative Work Experience classes or other internship classes during the same semester. Grades are PINP. (L)

2018-2019 Catalog
Kinesiology

Classes with “R” can be taken a total of four times but are subject to Family of Classes restrictions on page 153.

The Associate in Arts in Kinesiology is designed to prepare students with the opportunity to complete their freshman/sophomore level classes required for a Bachelor's degree in Kinesiology within the California State University System (CSU). Upon completion of the Associate in Arts in Kinesiology degree, students will be prepared for transfer to a CSU for studies in Physical Therapy, Kinesiology, Pre-Medicine, and Exercise Science programs.

KINESIOLOGY

(Associate in Arts for Transfer)

Students who complete this program should be able to:
1. Exercise and evaluate physical activities and their relationship to wellness and fitness.
2. Demonstrate proficiency of skills needed in activities commonly included in human movement programs.
3. Analyze theoretical approaches and major concepts of health and nutrition.
4. Demonstrate knowledge and apply the fundamental rules and regulations of a variety of sports.

Required Courses

Units

PE 20 Introduction to Kinesiology 3
Biol. 4 Human Anatomy 4
Biol. 5 Human Physiology 4

Choose one course from the following team sport courses (minimum 1 unit):
PE 1.71 Basketball OR 0.5-2
PE 1.75 Soccer OR 1-1.5
PE 1.77 Volleyball-Beginning OR 0.5-2
PE 1.78 Volleyball-Intermediate OR 0.5-2

Choose one course from the following individual sport courses (minimum 1 unit):
PE 1.25 Badminton OR 0.5-1.5
PE 1.31 Golf-Beginning 1-2
PE 1.21 Aerobic Exercise 0.5-2
PE 1.22 Step Aerobics 0.5-2
PE 1.57 Weight Training 1-2

Select two courses (minimum 6 units) from the following courses:
CHEM 1A General Chemistry 5
CHEM 1B General Chemistry 5
PHYS 2A General Physics I 3
PHYS 2B General Physics II 3

STAT 1 Introduction To Statistical Methods 4

Total units required for degree major 30-36

Students are advised to take a minimum of 60 semester units of coursework eligible for transfer to the CSU including the CSU GE B4 or A1GE (CSU version), all courses in the major with “C” or better grades, and achieve a minimum transferable cumulative GPA of 2.0.

Physical Education

(Associate in Science)

Students who complete this program should be able to:
1. Exercise and evaluate physical activities and their relationship to wellness and fitness.
2. Demonstrate proficiency of skills needed in activities commonly included in human movement programs.
3. Analyze theoretical approaches and major concepts of health and nutrition.
4. Demonstrate knowledge and apply the fundamental rules and regulations of a variety of sports.

Required Courses

Units

BIOL 5 Human Physiology 3
HLTH 1 Health and Life Style Choices 3
PE 20 Introduction to Physical Education 3
PE 28 Care and Prevention of Athletic Injuries 3
PE Activity Courses 3

Total units required for degree major 30

Students earning an AAS degree must complete a minimum of 18 units of General Education requirements, the multilingual graduation requirement, and the health requirement, or in the program units listed here. Students must complete a total of 60 degree applicable units to earn an AAS. Please see your counselor for additional information.

Kinesiology

1.21 Aerobic Exercise 1.5 units

13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit

Aerobic exercise designed to develop and/or maintain cardiovascular endurance, muscular strength, flexibility, and coordination through the use of continuous vigorous movements.

Kinesiology

1.22 Step Aerobics 1.5 units

13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit

Aerobic exercise designed to develop and/or maintain cardiovascular fitness and endurance, muscular strength and endurance, flexibility and coordination.

Kinesiology

1.23 Bowling 1.5 units

13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit

Aerobic exercise designed to develop and/or maintain cardiovascular fitness and endurance, muscular strength and endurance, flexibility and coordination.

Kinesiology

1.24 Badminton 1.5 units

13.5 lecture hours, 40.5 lab hours

Coeducational bowling: the techniques and skills of bowling; emphasis on fundamentals, rules, and etiquette.

Kinesiology

1.25 Advanced Golf 1.5 units

13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit

Advanced techniques of golf including skills and conditioning. Emphasis will be placed on fundamentals, etiquette and strategies, as well as an appreciation for a lifetime activity. Grades are P/NP option.

Kinesiology

1.26 Body Toning 1.5 units

13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit

A full body conditioning and strengthening workout, improving functional strength, flexibility and coordination. Strategies for improving vital core strength.

Kinesiology

1.27 Fitness Walking/ Jogging 1.5 units

13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit

Individualized walking/jogging program designed to improve cardiovascular endurance and muscular strength. Emphasis is on lifetime fitness including the principles of nutrition, fitness and safety.

Kinesiology

1.31 Golf-Beginning 1.5 units

13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit

Beginning golf skils and etiquette. The history of golf.

Kinesiology

1.33 Advanced Golf 1.5 units

13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit

Instruction and practice for advanced golf techniques.

Kinesiology

1.34 Boot Camp Fitness 1.5 units

13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit

Designed to provide the student with a physically intense and challenging fitness class. Training exercise used will include jogging, interval training, obstacle course and a variety of calisthenics designed to enhance muscular strength and endurance. In addition, students will be challenged to understand and apply fitness training principles. The student will train individually, with a partner and/or in a team setting.

Kinesiology

1.38 Yoga 1.5 units

13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit

Development of basic Yoga postures, breathing practices, post Ionic, stretching, and relaxation techniques as a method to improve flexibility, decrease stress and improve physical and mental well-being.

Kinesiology

1.37 Club Fitness 1.5 units

13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit

Uses treadmills, stationary bikes, rowing machines, and step machines for developing fitness levels. Physical fitness assessment and analysis is performed. Development of individualized fitness and wellness programs.

Kinesiology

1.41 Self Defense 1.5 units

13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit

Methods of falling, throwing, and defense against specified attacks. Avoiding dangerous situations at home and in one’s vehicle. Defending oneself using techniques selected from the martial arts. Grades are P/NP option.

Kinesiology

1.42 Beginning Dance 1.5 units

13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit

Introduction to individual techniques of various dance styles: foxtrot, swing, mumba, cha-cha, polka, country line.

Kinesiology

1.43 American Style Swing and Latin Dance 1.5 units

13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit

Individualized weight training program designed to improve muscular strength and endurance. Emphasis is on lifetime fitness including the principles of nutrition, fitness and safety.

Kinesiology

1.57 Weight Training-Intermediate 1.5 units

13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit

Individual weight conditioning for intermediate level students. Emphasis will be on using proper usage of machines, free weights, cables and stretching routines. Instruction on form, technique, safety, and muscle development. Participation will increase muscle size, strength, and endurance. Co-education class format.

Kinesiology

1.59 High Intensity Weight Training 1.5 units

13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit

High intensity weight training involves lifting light weights at higher speeds. Circuit training using several machines, or stations, and lighter weights will be the typical workouts. Weight training methods and circuit training will be combined to improve aerobic fitness and muscular endurance. Grades are P/NP option.

Kinesiology

1.71 Basketball 1.5 units

13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit

This is an introductory course to the game of basketball. This course is designed to introduce basic basketball skills, techniques and rules. Emphasis will be placed on fundamentals, etiquette and strategies, as well as an appreciation for a lifetime activity. Grades are P/NP option.

Kinesiology

1.75 Soccer 1.5 units

13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit

Techniques, skills, rules, conditioning, and drills for soccer.

Kinesiology

1.76 Advanced Soccer 1.5 units

13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit

Advanced techniques of soccer including skills and conditioning used to prepare for competitive play.

2018-2019 Catalog
KINES 1.77 Volleyball-Beginning 1.5 units 13.5 lecture hours, 40.5 lab hours Transferable to CSU/UC - UC Unit Limit Fundamental skills and techniques for beginning volleyball play including: rules of play, officiating, and beginning level offensive and defensive strategies.

KINES 1.78 Grass Doubles Volleyball 1.5 units 13.5 lecture hours, 40.5 lab hours Transferable to CSU/UC - UC Unit Limit Fundamental skills and techniques for outdoor grass doubles volleyball including: rules of play, officiating, and offensive and defensive strategies.

KINES 1.79 Volleyball-Intermediate 1.5 units 13.5 lecture hours, 40.5 lab hours Transferable to CSU/UC - UC Unit Limit Fundamental skills and techniques for intermediate volleyball including: rules of play, officiating, and offensive and defensive strategies.

KINES 3 Adaptive Physical 1.5 units Ed General Conditioning 13.5 lecture hours, 40.5 lab hours Transferable to CSU/UC Introduction to adapted physical education for students with disabilities. Provides students with the opportunity to engage in a personalized program of exercise. Students with disabilities will be required to show proof of disability from a physician. Grades are P/NP option.

KINES 4 Low Impact Fitness 1.5 units 13.5 lecture hours, 40.5 lab hours Transferable to CSU/UC - UC Unit Limit Individualized exercise prescription for persons with disabilities in a variety of settings and activities that promote opportunities to improve their fitness levels. Program includes exercise to improve posture, aerobic, flexibility, strength, balance and coordination of total body. Students with disabilities will be required to show proof of disability from a physician.

KINES 6 Adapted Total Fitness 1.5 units 13.5 lecture hours, 40.5 lab hours Transferable to CSU/UC - UC Unit Limit This is a general physical fitness course specifically intended for students with disabilities. Students will be given the opportunity to engage in a personalized program of exercise that promotes and develops overall physical fitness. Students with disabilities will be required to show proof of disability from a physician. Grades are P/NP option.

KINES 7 Adapted Weight Training and Fitness 1.5 units 13.5 lecture hours, 40.5 lab hours Transferable to CSU/UC - UC Unit Limit This course is designed as an introduction to progressive resistance weight training for students with disabilities. Students will engage in an individualized program of exercise that promotes the development of cardiovascular respiratory and muscle endurance, muscle strength and flexibility and a healthy body composition. Students with disabilities will be required to show proof of disability from a physician. Emphasis will be placed on training fundamentals, technique, conditioning, and safety. Grades are P/NP option.

KINES 9 Adapted Weight Training and Recreational Activities 1.5 units 13.5 lecture hours, 40.5 lab hours Transferable to CSU/UC Adapted strength training techniques and methods to improve overall muscular endurance and fitness. Additionally specific modified activities, games and sports will be experienced by the student to enhance their participation in life-long activities designed to improve self-esteem, social interaction and fitness. Activities included are but not limited to bocci ball, volleyball, frisbee games, pickle ball, horseshoes and basketball. Students with disabilities will be required to show proof of disability from a physician. Grades are P/NP option.

KINES 10 Adapted Yoga and Cardio Fitness 1.5 units 13.5 lecture hours, 40.5 lab hours Transferable to CSU/UC - UC Unit Limit Adapted Yoga and Cardio Fitness methods and techniques modified to individual needs and disabilities. Skills and techniques utilized to improve relaxation, flexibility, core stabilization and cardiovascular fitness. Students with disabilities will be required to show proof of disability from a physician.

KINES 20 Introduction to Kinesiology 3 units 54 lecture hours Transferable to CSU- C-ID KIN 100 This course provides an introduction to the interdisciplinary approach to the study of human movement. It provides an orientation to various educational pathways, requirements, and career opportunities in kinesiology in the areas of teaching, coaching, allied health, and fitness professions. Basic concepts of the kinesiology discipline and the importance of the sub-disciplines are discussed.

KINES 21A Analysis of Softball: Offense 2 units 36 lecture hours Transferable to CSU/UC - UC Unit Limit Study and analysis of various phases of softball offense, including philosophy, mental approach, hitting, and base running. Grades are P/NP option.

KINES 21B Analysis of Softball: Defense 2 units 36 lecture hours Transferable to CSU/UC - UC Unit Limit Analysis and study of the various phases of softball defense, including philosophy, fielding and pitching. Grades are P/NP option.

KINES 22 Analysis of Basketball 2 units 36 lecture hours Transferable to CSU/UC - UC Unit Limit Analysis of offensive and defensive basketball, including scouting. Grades are P/NP option.

KINES 24 Analysis of Football 2 units 36 lecture hours Transferable to CSU/UC - UC Unit Limit Analysis of offensive and defensive football, including scouting. Grades are P/NP option.

KINES 25 Care and Prevention of Athletic Injuries 3 units 45 lecture hours, 27 lab hours Transferable to CSU/UC An introduction to the treatment and prevention of specific athletic injuries. This course will cover the identification of injuries, proper treatment after they occur, and preventative measures.

KINES 28 Analysis of Soccer 2 units 36 lecture hours Transferable to CSU/UC - UC Unit Limit Study and analysis of various phases of soccer, including fundamentals, offensive and defensive strategy, and different soccer styles. Grades are P/NP option.

KINES 29A Analysis of Baseball: Offense 2 units 36 lecture hours Transferable to CSU/UC - UC Unit Limit Study and analysis of various phases of baseball offense, including fundamental skills of hitting and base running. Grades are P/NP option.

KINES 29B Analysis of Baseball: Defense 2 units 36 lecture hours Transferable to CSU/UC - UC Unit Limit Study and analysis of various phases of baseball defense, including fundamental skills of fielding, pitching and positioning. Grades are P/NP option.
LEARN 155 Beginning Assistive Technology 2 units 18 lecture hours, 54 lab hours Designed for students with disabilities who have limited computer experience. Focus is on keyboarding, personal data storage, basic MS Word, use of MyCampus Portal and Canvas, internet use, educational websites, and software for independent learning. Incorporates an overview of computer accessibility and assistive computer technology used to meet the educational needs of students with physical, learning, and cognitive impairments. Grades are P/NP.

LEARN 175 Workforce Mathematics 3 units 36 lecture hours, 54 lab hours Designed for students with disabilities in need of assistive computer technology to ensure equal access to college materials and improved efficiency on academic tasks. Preparation for independent use of current technologies available in college computer labs, modern work environments, and personally adapted home computer systems. Recommendation basic reading/writing skills and familiarity with computers. Grades are P/NP.

LEARN 180 Reading and Writing Development 3 units 54 lecture hours Designed especially for students with disabilities and other who have difficulty learning by traditional methods. Introductory course in basic reading/writing development in preparation for subsequent coursework requiring academic language arts skills. Emphasis on exploring current perception as a reader/writer, utilizing strategies for improved reading comprehension, mechanics of writing, and expanding vocabulary. This class incorporates the use of educational technology to accelerate learning and as a tool for raising efficiency of reading/writing tasks. Recommendation: Basic reading/writing skills, familiarity with computers, and readiness for college participation. Grades are P/NP.

LEARN 251 Academic Evaluation .5 unit 9 lecture hours Designed for students who wish to better understand their individual spectrum of learning aptitudes including current achievement levels. Eligibility for academic accommodation may be considered based on testing information using step-by-step guidelines mandated by the California Community College system. Grades are P/NP.
**Library Science**

**LIBSC 1** Basic Research Skills  1 unit
18 lecture hours
Transferable to CSU/UC

This course will help students acquire beginning information literacy skills necessary to conduct academic or personal research. It provides a step-by-step guide to the research process, is applicable to term papers, course work, and life-long learning. It emphasizes developing effective search strategies, selecting information tools, locating and retrieving information sources, analyzing and critically evaluating information, and using information. (L)

**MANAGEMENT AND SUPERVISION (see Business)**

**Manufacturing Technology**

**MANUFACTURING TECHNOLOGY/ MACHINING**

(associate in science)

Students who complete this program should be able to:
1. Demonstrate knowledge of proper working habits and safety practices in an industrial environment.
2. Demonstrate skills in the use of manual machine tools including: lathes, mills, drilling machines, grinding machines, and inspection tools.
3. Demonstrate skilled use of advanced manufacturing tools such as: Computer numerically controlled (CNC) milling centers, CNC turning centers, inspection and measurement tools.
4. Demonstrate knowledge of interpreting shop drawings and prints.

**Required Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRAFT 30</td>
<td>Technical Drawing with AutoCAD</td>
<td>3 units</td>
</tr>
<tr>
<td>MFGT 20</td>
<td>Principles of Machine Shop</td>
<td>3 units</td>
</tr>
<tr>
<td>MFGT 21</td>
<td>Intermediate Machine Shop</td>
<td>3 units</td>
</tr>
<tr>
<td>MFGT 60</td>
<td>Problems in Manufacturing Technology</td>
<td>2 units</td>
</tr>
<tr>
<td>MFGT 62</td>
<td>Advanced Machine Shop</td>
<td>3 units</td>
</tr>
<tr>
<td>WELD 30</td>
<td>Gas Welding</td>
<td>2 units</td>
</tr>
<tr>
<td>WELD 10</td>
<td>Introduction to Arc Welding</td>
<td>2 units</td>
</tr>
</tbody>
</table>

Plus 14 additional units from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO 22</td>
<td>Hydraulics (Fluid Power)</td>
</tr>
<tr>
<td>CWEE 45</td>
<td>Occupational Work Experience</td>
</tr>
<tr>
<td>MFGT 34</td>
<td>Computer Numerical Control</td>
</tr>
<tr>
<td>MFGT 35</td>
<td>Computer-Aided Manufacturing</td>
</tr>
<tr>
<td>WELD 30</td>
<td>Gas Welding</td>
</tr>
<tr>
<td>WELD 10</td>
<td>Introduction to Arc Welding</td>
</tr>
<tr>
<td>WELD 83</td>
<td>GMAW/GTAW Production Welding</td>
</tr>
<tr>
<td>WELD 85</td>
<td>Structural Design/Fabrication</td>
</tr>
</tbody>
</table>

Total units required for degree major: 30

Students earning an AAS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

**MANUFACTURING TECHNOLOGY/ MACHINING**

(Certificate of Achievement)

Students who complete this program should be able to:
1. Demonstrate knowledge of proper working habits and safety practices in an industrial environment.
2. Demonstrate skills in the use of manual machine tools including: lathes, mills, drilling machines, grinding machines, and inspection tools.
3. Demonstrate skilled use of advanced manufacturing tools such as: Computer numerically controlled (CNC) milling centers, CNC turning centers, inspection and measurement tools.
4. Demonstrate knowledge of interpreting shop drawings and prints.

**Required Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO 22</td>
<td>Hydraulics</td>
<td>3 units</td>
</tr>
<tr>
<td>DRAFT 30</td>
<td>Technical Drawing with AutoCAD</td>
<td>3 units</td>
</tr>
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<td>MFGT 20</td>
<td>Principles of Machine Shop</td>
<td>3 units</td>
</tr>
<tr>
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<td>Intermediate Machine Shop</td>
<td>3 units</td>
</tr>
<tr>
<td>MFGT 35</td>
<td>Computer-Aided Manufacturing</td>
<td>3 units</td>
</tr>
<tr>
<td>MFGT 60</td>
<td>Problems in Manufacturing Technology</td>
<td>2 units</td>
</tr>
<tr>
<td>MFGT 62</td>
<td>Advanced Machine Shop</td>
<td>3 units</td>
</tr>
<tr>
<td>WELD 10</td>
<td>Introduction to Arc Welding</td>
<td>2 units</td>
</tr>
</tbody>
</table>

Total units required: 24

**MFGT 20** Principles of Machine Shop  3 units
36 lecture hours, 54 lab hours
Transferable to CSU

Basic set-up and operation of the Engine Lathe, Vertical Milling Machine, Drilling machines, Bandsaws and grinding machines. Emphasis will also focus on precision measurement. The course includes tooling selection for above machines. Introduction to computer numerical control included. Safety in all aspects of machining. (L,M)

**MFGT 21** Intermediate Machine Shop  4 units
54 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of MFGT 20
Transferable to CSU

Intermediate level machine shop, with focus on precision layout and safety practices, the set-up and operation of the vertical milling machine, the horizontal milling machine, and the engine lathe. Special emphasis on the concept of fits and development of skills acquired in MFGT 20 or equivalent. Students will produce a machined mechanical object using the machine shop.

**MFGT 34** Computer Numerical Control  4 units
54 lecture hours, 54 lab hours
Transferable to CSU

Manual programming of computer numerically controlled machine tools and processes, using the standard g-code format. Programs will include linear interpolation, circular interpolation and helical interpolation. canned cycles and macros are also used.
MASS COMMUNICATIONS

(Mass Communications (Associate in Arts))

Students who complete this program should be able to:
1. Demonstrate effective speaking, writing, and framing skills for mass communication in personal, public, and media areas.
2. Demonstrate the ability to observe events, gather information, write news reports and news releases, report on events, and edit other people’s writings.
3. Demonstrate the ability to understand the media critically and recognize how media shape and are shaped by politics, society, culture, economics, and daily lives.
4. Demonstrate the ability to recognize the power of persuasion and ethical responsibilities of communicators in communication at all levels.

Required Courses

MCOMM 2 Introduction to Mass Communication 3 units
MCOMM 3 Broadcast Production 3 units
MCOMM 5 Electronic Movie Making 3 units
MCOMM 6 Sound Recording and Production 3 units
MCOMM 8 Introduction to Media Writing OR
MCOMM 14 Advanced Studio Video Production OR
MCOMM 20L Newspaper Production 3-4 units
MCOMM 17 Television Remote Production 3 units

Total units required for degree major 18 units

Notes:
- Students earning an AAS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.
- This course introduces theory, terminology and operation of a television studio signal flow, directing, theory and operation of camera and equipment, switcher operation, functions of lighting, graphics, video control and video recording, and real-time video production. (L,C)

Required Courses

MCOMM 2 Introduction to Mass Communications 3 units
MCOMM 3 Broadcast Production 3 units
MCOMM 5 Electronic Movie Making 3 units
MCOMM 6 Sound Recording and Production 3 units
MCOMM 8 Introduction to Media Writing 3 units
MCOMM 14 Advanced Studio Video Production 3 units
MCOMM 20L Newspaper Production 3-4 units
MCOMM 17 Television Remote Production 3 units

Total units required for degree major 18 units
### Programs and Courses

#### C, L, M Advisories:

- 160 leadership. (L)
- 209 journalistic use of multimedia, and social media, and editorial for investigative news stories, features, and related opinion; media ethics, researching, reporting, writing, and copy editing news magazine. Students will learn journalistic standards, source and quarterly production of the Yuba College student online publications, and editorial leadership. (L)

#### Transferable to CSU

- ENGL 20B Prerequisite: 27 lecture hours, 81 lab hours

#### Prerequisite:

- ENGL 51

#### Language:

- recommended basic computer skills.

#### Mathematics

### Mathematics (Associate in Science for Transfer)

#### Students who complete this program should be able to:

1. Solve equations and inequalities
2. Perform operations on mathematical objects (e.g. numbers, expressions, functions, matrices)
3. Graph equations, functions, inequalities
4. Solve applied problems using mathematical or statistical methods
5. Prove identities and theorems
6. Apply definitions, axioms, and properties of mathematical concepts

#### Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1A Single Variable Calculus I -- Early Transcendentals</td>
<td>5</td>
</tr>
<tr>
<td>MATH 1B Single Variable Calculus II -- Early Transcendentals</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2A Second Year Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MATH 3 Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 25 Finite Math OR</td>
<td>3</td>
</tr>
<tr>
<td>STAT 1 Introduction to Statistical Methods OR</td>
<td>4</td>
</tr>
<tr>
<td>MATH 10 Liberal Arts Math OR</td>
<td>3</td>
</tr>
<tr>
<td>MATH 51 Plane Geometry</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Total units required for degree major:

- 19 students earning an AA-T/AS-T degree must complete a minimum of 18 units of General Education requirements, the multilingual graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 65 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

The Associate in Science in Mathematics for Transfer is designed for students for transfer into the CSU system to complete a bachelor's degree in Mathematics or similar major.

#### Required Courses

- Units
- MATH 1A 5
- MATH 1B 4
- MATH 2A 4
- MATH 3 3
- MATH 25 OR 3
- STAT 1 OR 4
- MATH 10 OR 3
- MATH 51 3

#### Total units required for degree major:

- 18-19 students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC (CSU version), all courses in the major with "C" or better grades, and achieve a minimum transferable cumulative GPA of 2.0.

#### Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC (CSU version), all courses in the major with "C" or better grades, and achieve a minimum transferable cumulative GPA of 2.0.

#### Levels of Sequence of Mathematics Courses

- All students who have completed a high school course in College Algebra or an equivalent high school course or a qualifying Math course at Yuba College may take any of the following courses.

#### Levels of Sequence of Mathematics Courses

- Linear Algebra
- Calculus
- Probability and Statistics

#### 2018-2019 Catalog

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C.L.M Advisories: Recommended basic computer skills.

Language: recommended eligibility for English 1A. Mathematics: recommended eligibility for Math 52.
**Programs and Courses**

MATH 1A  Single Variable Calculus I – Early Transcendentals  
72 lecture hours  
Prerequisite: Satisfactory completion of MATH 20 and MATH 21 or score on the mathematics placement test. Transferable to CSU/UC – UC Unit Limit  
C-ID MATH 210  

MATH 1B  Single Variable Calculus II – Early Transcendentals  
72 lecture hours  
Prerequisite: Satisfactory completion of MATH 1A  Transferable to CSU/UC  
C-ID MATH 220  
A second course in differential and integral calculus of a single variable: integration techniques; infinite sequences and series; polar and parametric equations; applications of integration. Primarily for science, technology, engineering & math majors. (L,M)

MATH 1C  Multivariable Calculus  
4 units  
72 lecture hours  
Prerequisite: Satisfactory completion of MATH 1A  Transferable to CSU/UC  
C-ID MATH 230  
Vector valued functions, calculus of functions of more than one variable, partial derivatives, multiple integration, Green’s theorem, Stokes theorem, divergence theorem. (L,M)

MATH 2  Ordinary Differential Equations  
3 units  
54 lecture hours  
Prerequisite: Satisfactory completion of MATH 1B  Transferable to CSU/UC  
C-ID MATH 240  
The course is an introduction to ordinary differential equations including both quantitative and qualitative methods as well as applications from a variety of disciplines. Introduces the theoretical aspects of differential equations, including establishing when solution(s) exist, and techniques for obtaining solutions, including series solutions, Laplace transforms and linear systems. (L,M)

MATH 3  Linear Algebra  
3 units  
54 lecture hours  
Prerequisite: Satisfactory completion of MATH 1B  
Other: Recommended successful completion of MATH 1C  Transferable to CSU/UC  
C-ID MATH 250  
This course develops the techniques and theory needed to solve and classify systems of linear equations. Solution techniques include row operations, Gaussian elimination, and matrix algebra. Investigates the properties of vectors in two and three dimensions, leading to the notion of an abstract vector space. Vector space and matrix theory are presented including topics such as inner products, norms, orthogonality, eigenvalues, eigenspaces, and linear transformations. Selected applications of linear algebra are included. (L,M)

MATH 9  Calculus for Business, Social and Life Science  
4 units  
72 lecture hours  
Prerequisite: Satisfactory completion of MATH 52 or a satisfactory score on the mathematics placement test. Transferable to CSU/UC – UC Unit Limit  
C-ID MATH 140  
Topics of calculus including differentiation, integration, graphs, limits, and rates. Applications from economics, business, life science, and behavioral science. Not open for credit to students with credit in MATH 1A. (L,M)

MATH 10  Liberal Arts Mathematics  
3 units  
54 lecture hours  
Prerequisite: Satisfactory completion of MATH 52 or a satisfactory score on the mathematics placement test. Transferable to CSU/UC  
Designed for students majoring in areas other than science, math, or business to give appreciation and insight into structure and applications of math. Some typical topics, to be chosen by instructor, may include probability and statistics, sequences and series, population growth, graph theory, geometry and topology, number theory, history of math, finance math, voting methods and apportionment. (L,M)

MATH 15  Concepts and Structures of Mathematics  
3 units  
54 lecture hours  
Prerequisite: Satisfactory completion of MATH 52 or MATH 52A and MATH 52B or satisfactory score on the mathematics placement test. Transferable to CSU/UC – UC Unit Limit  
C-ID MATH 120  
This course focuses on the development of quantitative reasoning skills through in-depth, integrated explorations of topics in mathematics, including real number systems and subsystems. Emphasis is on comprehension and analysis of mathematical concepts and applications of logical reasoning. (L)

MATH 16  Concepts and Structures of Mathematics  
3 units  
54 lecture hours  
Prerequisite: Satisfactory completion of MATH 51 and MATH 52  Transferable to CSU/UC – UC Unit Limit  
Designed for students who plan to become elementary school teachers. Problem-solving, probability and statistics, measurement and the metric system, and geometry. Essays on topics of current interest to the teaching profession, class presentations, and a study of techniques and materials used in today’s elementary school classroom may also be included. (L,M)

MATH 20  College Algebra  
4 units  
72 lecture hours  
Prerequisite: Satisfactory completion of MATH 52 or MATH 52B or a satisfactory score on the mathematics placement test. Transferable to CSU/UC – UC Unit Limit  
C-ID MATH 131  
College level course in algebra for majors in science, technology, engineering, and mathematics. Topics include polynomial, rational, radical, exponential, absolute value, and logarithmic functions and systems of equations, theory of polynomial equations, and analytic geometry. (L,M)

MATH 21  Plane Trigonometry  
3 units  
54 lecture hours  
Prerequisite: Satisfactory completion of MATH 52 or MATH 52B or a satisfactory score on the mathematics placement test. Transferable to CSU/UC  
C-ID MATH 851  
The study of trigonometric functions, their inverses and their graphs, identities and proofs related to trigonometric expressions, trigonometric equations, solving right triangles, solving triangles using the Law of Cosines and the Law of Sines, polar coordinates, and introduction to vectors. (L,M)

MATH 25  Finite Mathematics  
3 units  
54 lecture hours  
Prerequisite: Satisfactory completion of MATH 52 or MATH 52B or a satisfactory score on the mathematics placement test. Transferable to CSU/UC  
C-ID MATH 130  
Linear functions, systems of linear equations and inequalities, matrices, linear programming, mathematics of finance, sets and Venn diagrams, combinatorial techniques and an introduction to probability. Applications in business, economics, and social sciences. (L,M)

MATH 51  Plane Geometry  
3 units  
54 lecture hours  
Prerequisite: Satisfactory completion of MATH 50  
Introductory plane geometry, the study of geometric relationships in the plane from inductive and deductive viewpoints. Satisfies the university admission requirements of high school plane geometry. (L,M)

MATH 52  Intermediate Algebra  
4 units  
72 lecture hours  
Prerequisite: Satisfactory completion of MATH 101 or MATH 101B or a satisfactory score on the mathematics placement test. To prepare students to take transfer-level mathematics or statistics courses. Topics include: real and complex numbers; factoring of polynomials; rational and radical expressions and equations; functions (general); linear, quadratic, exponential, logarithmic functions and equations; graphs, distance, midpoint, and circles in the Cartesian plane; application problems. Grades are P/NP option. (L)

MATH 52A  Intermediate Algebra  
3 units  
54 lecture hours  
Prerequisite: Satisfactory completion of MATH 101 or MATH 101B or a satisfactory score on the mathematics placement test. Together with Math 52B, this course prepares students to take transfer-level mathematics or statistics courses. Topics include: real and complex numbers; factoring of polynomials; rational and radical expressions and equations; linear and quadratic equations, application problems. Designed for a variety of students, especially those who are math anxious or require a slower-paced, year-long version of Math 52. Math 52A and 52B must both be completed successfully to be equivalent to Math 52 as a prerequisite or to meet degree requirements. Grades are P/NP option. (L)

MATH 52B  Intermediate Algebra  
3 units  
54 lecture hours  
Prerequisite: Satisfactory completion of MATH 52A  
Together with Math 52A, this course prepares students to take transfer-level mathematics or statistics courses. Topics include: functions (general); linear, quadratic, exponential, and logarithmic functions and equations; graphs; distance, midpoint, and circles in the Cartesian plane; application problems. Designed for a variety of students, especially those who are math anxious or require a slower-paced, year-long version of Math 52. Math 52A and 52B must both be completed successfully to be equivalent to Math 52 as a prerequisite or to meet degree requirements. Grades are P/NP option. (L)
### Programs and Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 55</td>
<td>History of Algebra</td>
<td>3</td>
<td>54</td>
</tr>
<tr>
<td>MATH 101B</td>
<td>Elementary Algebra</td>
<td>3</td>
<td>54</td>
</tr>
<tr>
<td>MATH 58</td>
<td>Mathematics for Everyday Living</td>
<td>3</td>
<td>54</td>
</tr>
<tr>
<td>MATH 101</td>
<td>Elementary Algebra</td>
<td>4</td>
<td>72</td>
</tr>
<tr>
<td>MATH 101A</td>
<td>Elementary Algebra</td>
<td>3</td>
<td>54</td>
</tr>
</tbody>
</table>

#### MATH 101B: Elementary Algebra

- **Prerequisite:** Satisfactory completion of MATH 101 or equivalent.
- **Topics:** Real numbers, algebraic expressions, linear equations, and systems of linear equations; absolute value functions and applications; problems. Grades are P/ NP option. (L)

#### MATH 101A: Elementary Algebra

- **Prerequisite:** Satisfactory completion of MATH 101.
- **Topics:** Real numbers, algebraic expressions, linear equations, and systems of linear equations; absolute value functions and equations; application problems. Grades are P/ NP option. (L)

#### METALWORKING-WELDING (See Welding)

### Music

#### Classes with “R” can be taken a total of four times but are subject to Family of Classes restrictions on page 177.

The Associate in Arts in Music for Transfer degree prepares students to transfer to a California State University to seek a Bachelor of Arts in General Music degree. Completion of this degree with a minimum GPA of 2.0 guarantees admission to the CSU System. Students must audition with an instrument of choice or voice to be admitted to the program that takes the applied skills course. Students will need to audition to be accepted as a music major at CSU. Students intending to transfer to seek a Bachelor of Music or Bachelor of Music Education degree will need additional courses, and should select AA in Music.

#### MUSIC (Associate in Arts for Transfer)

**Students who complete this program should be able to:**
1. Analyze a short musical work by applying intermediate-level music theory.
2. Demonstrate basic musicianship skills in sight-reading, melodic, and harmonic dictation.
3. Publicly perform selected solo and ensemble repertoire, appropriate for college assemblies, in that major instrument or voice with technical facility and artistry.

#### Required Courses

<table>
<thead>
<tr>
<th>Core Requirements</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSIC 1A Elementary Harmony</td>
<td>3</td>
</tr>
<tr>
<td>MUSIC 1B Elementary Harmony</td>
<td>3</td>
</tr>
<tr>
<td>MUSIC 1C Elementary Theory Skills</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 1D Theory Skills</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 2A Advanced Harmony</td>
<td>3</td>
</tr>
<tr>
<td>MUSIC 2B Advanced Harmony</td>
<td>3</td>
</tr>
<tr>
<td>MUSIC 2C Advanced Theory Skills</td>
<td>1</td>
</tr>
<tr>
<td>MUSIC 2D Theory Skills</td>
<td>1</td>
</tr>
</tbody>
</table>

#### Select one from the following and take it for 4 semesters:

| MUSIC 30A Applied Skills: Woodwinds OR | 1 |
| MUSIC 30B Applied Skills: Brass OR | 1 |
| MUSIC 30C Applied Skills: Composition OR | 1 |
| MUSIC 30D Applied Skills: Percussion OR | 1 |
| MUSIC 30E Applied Skills: Strings OR | 1 |
| MUSIC 31R Applied Skills: Piano OR | 1 |
| MUSIC 32R Applied Skills: Voice | 1 |

Students earning an AA-TAT degree must complete 21 semester units of coursework for transfer to the CSU including the CSU GE-B or IGETC (CSU version), all courses in the major with "C" or better grades, and achieve a minimum transferable cumulative GPA of 2.0.

#### MUSIC (Associate in Arts)

**Students who complete this program should be able to:**
1. Analyze a short musical work by applying intermediate-level music theory.
2. Demonstrate basic musicianship skills in sight-reading, melodic, and harmonic dictation.
3. Publicly perform selected solo and ensemble repertoire, appropriate for college assemblies, in that major instrument or voice with technical facility and artistry.

#### Required Courses

<table>
<thead>
<tr>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSIC 1A Elementary Harmony</td>
</tr>
<tr>
<td>MUSIC 1B Elementary Harmony</td>
</tr>
<tr>
<td>MUSIC 1C Elementary Theory Skills</td>
</tr>
<tr>
<td>MUSIC 1D Elementary Theory Skills</td>
</tr>
<tr>
<td>MUSIC 2A Advanced Harmony</td>
</tr>
<tr>
<td>MUSIC 2B Advanced Harmony</td>
</tr>
<tr>
<td>MUSIC 2C Advanced Theory Skills</td>
</tr>
<tr>
<td>MUSIC 2D Advanced Theory Skills</td>
</tr>
</tbody>
</table>

#### Required Units

Students earning an AA-TAT degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed above. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.
**MUSIC 1C** Theory Skills 1 unit
9 lecture hours, 27 lab hours
Corequisite: Concurrent enrollment or satisfactory completion of MUSIC 1A
Transferable to CSU/UC
C-ID MUS 125
Exercises in applying theoretical concepts to the voice and keyboard developing the rhythmic, melodic, and harmonic elements of beginning theory. Emphasis on ear-training employing exercises in rhythmic reading and dictation, sight-singing, analysis, and melodic dictation. Required of all music majors and minors.

**MUSIC 1D** Theory Skills 1 unit
9 lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of: MUSIC 1C
Corequisite: Concurrent enrollment or satisfactory completion of: MUSIC 1B or MUSIC 2B
Transferable to CSU/UC
C-ID MUS 135
Continuation of MUSIC 1C. Exercises in applying theoretical concepts. Emphasis on ear-training; programmed exercises in rhythmic reading; dictation of rhythmic, melodic, harmonic materials; sight-singing; analysis; and dictation. Required of all music majors and minors.

**MUSIC 1E** Keyboard Harmony I 1 unit
9 lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of: MUSIC 1A
Corequisite: Concurrent enrollment or satisfactory completion of: MUSIC 1B or MUSIC 2A
Transferable to CSU/UC
Keyboard application of music theory for music majors. The course prepares students toward piano proficiency exams required at transferring universities.

**MUSIC 2A** Advanced Harmony 3 units
54 lecture hours
Prerequisite: Satisfactory completion of: MUSIC 1B
Corequisite: Concurrent enrollment or satisfactory completion of: MUSIC 1D or MUSIC 2C
Transferable to CSU/UC
C-ID MUS 140
Theoretical and practical techniques of chromatic harmony, continued from MUSIC 1A, studied through written exercises and analysis, including introduction to chromatic harmony, secondary chords, modulation, change of mode (borrowed chords), Neapolitan sixth and augmented sixth chords. Required of all music majors. (L)

**MUSIC 2B** Theory Skills 1 unit
9 lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of: MUSIC 2A
Corequisite: Concurrent enrollment or satisfactory completion of: MUSIC 1C or MUSIC 1D or MUSIC 2C or MUSIC 2D
Transferable to CSU/UC
C-ID MUS 150
Continuation of MUSIC 2A. Includes chromatic linear techniques of the common practice period, late 19th century, and 20th century techniques studied through analysis and writing exercises, including borrowed chords, modal mixture, the chromatic third relationship, Neapolitan and augmented-sixth chords, 9th, 11th, and 13th chords, altered chords and dominants, as well as an introduction to 20th century techniques, including impressionism, tone rows, set theory, pandiatonicism and polychotomy in rhythm and meter. Required of all music majors.

**MUSIC 2C** Advanced Theory Skills 1 unit
9 lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of: MUSIC 1D
Corequisite: Concurrent enrollment or satisfactory completion of: MUSIC 2A or MUSIC 2B
Transferable to CSU/UC
C-ID MUS 145
Continuation of MUSIC 1D. Exercises in continuing to apply theoretical concepts to develop rhythm, melody and harmonic materials through ear-training—employing programmed exercises in rhythmic reading and dictation of rhythmic, melodic, and harmonic materials—sight-singing, analysis, and melodic and harmonic dictation. Required of all music majors. (L)

**MUSIC 2D** Theory Skills 1 unit
9 lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of: MUSIC 2C
Transferable to CSU/UC
C-ID MUS 155
Continuation of Music 2C. Exercises in applying theoretical concepts to singing and dictation. Emphasis on ear-training employing programmed exercises in rhythmic reading, dictation of rhythmic, melodic, harmonic materials, and sight-singing as well as ear training, analysis and dictation at an advanced level. Required of all music majors.

**MUSIC 2E** Keyboard Harmony II 1 unit
9 lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of: MUSIC 1B and MUSIC 2A
Transferable to CSU/UC
Intermediate keyboard application of music theory for music majors. The course prepares students toward piano proficiency exams required at transferring universities.

**MUSIC 3** Music Appreciation 3 units
54 lecture hours
Transferable to CSU/UC
Study of art music in relation to the humanities; music and composers of the western world from the medieval to the contemporary period. Grades are P/NP option. (L)

**MUSIC 8A** Music History I 3 units
54 lecture hours
Transferable to CSU/UC
A chronological survey of Western Art Music with special emphasis on style development, genres, composers, and important works. Covers the period from antiquity to the early Baroque. Intended for the music major. The ability to read music notation is essential. Extensive listening to recorded examples is required. (L)

**MUSIC 8B** Music History II 3 units
54 lecture hours
Transferable to CSU/UC
A chronological survey of Western Art Music with special emphasis on style, genres, composers, and important works. Covers the period from early Baroque to the present day. Intended for the music major. The ability to read music notation is essential. Extensive listening to recorded examples is required. (L)

**MUSIC 14A** Conducting I 2 units
54 lecture hours, 9 lab hours
Prerequisite: Satisfactory completion of: MUSIC 1C and MUSIC 1D
Transferable to CSU
The study of style and technique of conducting with emphasis on clear baton technique, interpretation, and score analysis. Grades are P/NP option. (L)

**MUSIC 15** Popular Music in the United States 3 units
54 lecture hours
Transferable to CSU
A survey of popular music in the United States from about 1850 to the present. Covers American Civil War songs, ragtime, blues, jazz, songwriting, musical theater, country music, Latin music styles, rock and current trends. (L)

**MUSIC 16** World Music 3 units
54 lecture hours
Transferable to CSU
An introduction to music as experienced through various world cultures including, but not limited to, Asia, India, the Middle East, Africa, Australia, and Native American cultures, such as Native American music and Ethnic North American music are also studied. Grades are P/NP option. (L)

**MUSIC 17** Music as Culture 3 units
54 lecture hours
Transferable to CSU
A search for a better understanding of what gives music meaning. Explores into multiple genres, including classical, rock, rap, folk, Latin and World Music with an emphasis on the nature of sound, meaning, diversity, performance and value judgments.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Prerequisites/Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSIC 18</td>
<td>Rock Music History and Culture</td>
<td>3 units</td>
<td>54 lecture hours Transferable to CSU</td>
</tr>
<tr>
<td>MUSIC 18R</td>
<td>Community Jazz Ensemble</td>
<td>1 unit</td>
<td>9 lecture hours, 27 lab hours Transferable to CSU/C</td>
</tr>
<tr>
<td>MUSIC 30AR</td>
<td>Applied Skills: Woodwinds</td>
<td>1 unit</td>
<td>9 lecture hours, 27 lab hours Transferable to CSU/C</td>
</tr>
<tr>
<td>MUSIC 30B</td>
<td>Applied Skills: Brass</td>
<td>1 unit</td>
<td>9 lecture hours, 27 lab hours Transferable to CSU/C</td>
</tr>
<tr>
<td>MUSIC 30C</td>
<td>Applied Skills: Composition</td>
<td>1 unit</td>
<td>9 lecture hours, 27 lab hours Prequisite: Satisfactory completion of MUSIC 2A or Consent of instructor Transferable to CSUC</td>
</tr>
<tr>
<td>MUSIC 30CR</td>
<td>Applied Skills: Percussion</td>
<td>1 unit</td>
<td>9 lecture hours, 27 lab hours Corequisite: Concurrent enrollment or satisfactory completion of MUSIC 1C or MUSIC 2C or MUSIC 1D or MUSIC 2D. Other: Previous performance experience helpful Transferable to CSUC</td>
</tr>
<tr>
<td>MUSIC 30ER</td>
<td>Applied Skills: Strings</td>
<td>1 unit</td>
<td>9 lecture hours, 27 lab hours Corequisite: Concurrent enrollment or satisfactory completion of MUSIC 1C or MUSIC 2C or MUSIC 1D or MUSIC 2D. Other: Previous performance experience helpful Transferable to CSUC</td>
</tr>
<tr>
<td>MUSIC 30GR</td>
<td>Applied Skills: Classical Guitar</td>
<td>1 unit</td>
<td>9 lecture hours, 27 lab hours Corequisite: Concurrent enrollment or satisfactory completion of MUSIC 1C or MUSIC 2C or MUSIC 1D or MUSIC 2D. Other: Previous performance experience helpful Transferable to CSUC</td>
</tr>
<tr>
<td>MUSIC 35</td>
<td>Beginning Guitar</td>
<td>v1-2 units</td>
<td></td>
</tr>
<tr>
<td>MUSIC 36</td>
<td>Intermediate Guitar</td>
<td>1 unit</td>
<td>9 lecture hours, 27 lab hours Transferable to CSUC</td>
</tr>
<tr>
<td>MUSIC 37</td>
<td>Indian Music Ensemble</td>
<td>1 unit</td>
<td>9 lecture hours, 27 lab hours Transferable to CSUC</td>
</tr>
</tbody>
</table>

**Music Majors and Courses**

- **MUSIC 18**: Rock Music History and Culture (3 units)
  - Transferable to CSU
- **MUSIC 18R**: Community Jazz Ensemble (1 unit)
  - Transferable to CSU/C
- **MUSIC 30AR**: Applied Skills: Woodwinds (1 unit)
  - Transferable to CSU/C
- **MUSIC 30B**: Applied Skills: Brass (1 unit)
  - Transferable to CSU/C
- **MUSIC 30C**: Applied Skills: Composition (1 unit)
  - Prequisite: Satisfactory completion of MUSIC 2A or Consent of instructor
- **MUSIC 30CR**: Applied Skills: Percussion (1 unit)
  - Corequisite: Concurrent enrollment or satisfactory completion of MUSIC 1C or MUSIC 2C or MUSIC 1D or MUSIC 2D.
- **MUSIC 30ER**: Applied Skills: Strings (1 unit)
  - Corequisite: Concurrent enrollment or satisfactory completion of MUSIC 1C or MUSIC 2C or MUSIC 1D or MUSIC 2D.
- **MUSIC 30GR**: Applied Skills: Classical Guitar (1 unit)
  - Corequisite: Concurrent enrollment or satisfactory completion of MUSIC 1C or MUSIC 2C or MUSIC 1D or MUSIC 2D.
- **MUSIC 35**: Beginning Guitar (v1-2 units)
  - Transferable to CSUC
- **MUSIC 36**: Intermediate Guitar (1 unit)
  - Transferable to CSUC
- **MUSIC 37**: Indian Music Ensemble (1 unit)
  - Transferable to CSUC

**Pre-Requisite Details**

- Prerequisite: Satisfactory completion of MUSIC 2A or Consent of instructor
- Transferable to CSUC
- Application of theory and harmony skills to original music composition. Composing art music for piano, voice and other instruments. (Repeatable: May be taken four times only.)
MUSIC 40A  Elementary Voice I  1 unit
9 lecture hours, 27 lab hours
Transferrable to CSU/UC
Group instruction in elementary vocal techniques, including
breathing, body alignment, phonation, resonation and
articulation. This course will also cover music reading including
solfège, efficient practice habits, evaluation of vocal problems,
textual analysis and expressive interpretation. Students will
apply their knowledge and skills gained in the class to learning
and performing art songs including oratorio, cantata, and
literature including oratorio, cantata, and extended choral
ensembles.
Prerequisite: satisfactory completion of MUSIC 40A. Or by
placement exam.

MUSIC 40B  Elementary Voice II  1 unit
9 lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of MUSIC 40A. Or by
placement exam.
Group instruction in elementary vocal techniques, including
tone production, breathing, diction, and basic music reading
skills. The students will further develop these techniques
and performance anxiety management as continuation from
MUSIC 40A to gain more facility and awareness in performing
art songs and musical theater type repertoire for each other in
class. Grades are P/NP option.

MUSIC 40C  Intermediate Voice I  1 unit
9 lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of MUSIC 40B. Or by
placement exam.
Group instruction in intermediate vocal techniques, including
breathing, body alignment, phonation, resonation and
articulation. This course will also cover music reading including
solfège, efficient practice habits, evaluation of vocal problems,
textual analysis and expressive interpretation. Students will
apply their knowledge and skills gained in the class to learning
and performing art songs including oratorio, cantata, and
extended choral literature including oratorio, cantata, and
extended choral ensembles.
Prerequisite: MUSIC 41B.
Transferable to CSU/UC

MUSIC 40D  Intermediate Voice II  1 unit
9 lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of MUSIC 40B. Or by
placement exam.
Group instruction in intermediate vocal techniques. As
continuation of MUSIC 40C, students will develop a thorough
understanding of vocal mechanisms and skills in order to
interpret problems in singing and to extrapolate appropriate
solutions. The course also places emphasis on appreciation
and performance of various vocal literature through analysis,
interpretation and public performances. Grades are P/NP
option.

MUSIC 41A  Elementary Piano  1 unit
9 lecture hours, 27 lab hours
Transferrable to CSU/UC
Elementary piano, covering the fundamentals of keyboard
theory and technique, reading, solo and ensemble repertoire,
and creative activities. (L)

MUSIC 41B  Elementary Piano  1 unit
9 lecture hours, 27 lab hours
Prerequisite: MUSIC 41A or Approval of the Instruction upon
Audition
Transferable to CSU/UC
Elementary piano covering the fundamentals of keyboard
theory and technique, reading, solo and ensemble repertoire,
and creative activities.

MUSIC 41A—Elementary Piano
MUSIC 41B—Intermediate Piano
MUSIC 42A—Intermediate Piano
MUSIC 42B—Intermediate Piano II
MUSIC 42C—Intermediate Piano III
MUSIC 43B—Advanced Piano

MUSIC 42  Intermediate Piano  1 unit
9 lecture hours, 27 lab hours
Prerequisite: MUSIC 41B or Approval of Instructor upon
Audition
Transferable to CSU/UC
Group piano class for students with at least one year of
concentrated piano study. Emphasis on technique, repertoire,
and sight reading skills. (L)

MUSIC 42A—Intermediate Piano
MUSIC 42B—Intermediate Piano II
MUSIC 42C—Intermediate Piano III
MUSIC 43B—Advanced Piano

MUSIC 43  Advanced Piano  2 units
18 lecture hours, 54 lab hours
Prerequisite: Audition Required. (Students may enroll in the
course before the audition, but may be dropped based on the
audition result)
Transferable to CSU/UC
C-ID MUS 180
This course is for the study, rehearsal and public performance
of symphonic band literature, with an emphasis on the
development of skills needed to perform with an ensemble.
Different literature will be studied each semester. The course is
repeatable for credit the maximum times allowable by
regulation. Grades are P/NP option.

MUSIC 44  Advanced Band  2 units
18 lecture hours, 54 lab hours
Other: Ability to read music.
Transferable to CSU/UC
Study and performance of chamber music utilizing brass,
percussion, string or woodwind instruments in small group
ensembles.

MUSIC 54  Community Chorus  1 unit
9 lecture hours, 27 lab hours
Study, rehearsal, and performance of the standard choral
literature including, oratorio, cantata, and extended choral
works and opera choruses. Open to all students and members
of the community. Two classes per week hour. Grades are P/ NP.
(L)

APPLIED MUSIC SKILLS:  1 unit
Family of Classes

MUSIC 30A  Applied Skills: Woodwinds
MUSIC 30B—Applied Skills: Brass
MUSIC 30C—Applied Skills: Composition
MUSIC 30D—Applied Skills: Percussion
MUSIC 30E—Applied Skills: Strings
MUSIC 30F—Applied Skills: Classical Guitar
MUSIC 31R—Applied Skills Piano
MUSIC 32R—Applied Skills Voice

MUSIC 30A—Applied Skills: Woodwinds
MUSIC 30B—Applied Skills: Brass
MUSIC 30C—Applied Skills: Composition
MUSIC 30D—Applied Skills: Percussion
MUSIC 30E—Applied Skills: Strings
MUSIC 30F—Applied Skills: Classical Guitar
MUSIC 31R—Applied Skills Piano
MUSIC 32R—Applied Skills Voice

CHORAL ENSEMBLE/PERFORMANCE:  1 unit
Family of Classes

MUSIC 33A—Chamber Choir
MUSIC 34R—Concert Choir
MUSIC 35R—Community Chorus

MUSIC 33A—Chamber Choir
MUSIC 34R—Concert Choir
MUSIC 35R—Community Chorus

CONDUCTING:  1 unit
Family of Classes
MUSIC 14A—Conducting I

MUSIC 14A—Conducting I

GUITAR:  1 unit
Family of Classes

MUSIC 30A—Applied Skills: Woodwinds
MUSIC 30B—Applied Skills: Brass
MUSIC 30C—Applied Skills: Composition
MUSIC 30D—Applied Skills: Percussion
MUSIC 30E—Applied Skills: Strings
MUSIC 30F—Applied Skills: Classical Guitar
MUSIC 31R—Applied Skills Piano
MUSIC 32R—Applied Skills Voice

MUSIC 30A—Applied Skills: Woodwinds
MUSIC 30B—Applied Skills: Brass
MUSIC 30C—Applied Skills: Composition
MUSIC 30D—Applied Skills: Percussion
MUSIC 30E—Applied Skills: Strings
MUSIC 30F—Applied Skills: Classical Guitar
MUSIC 31R—Applied Skills Piano
MUSIC 32R—Applied Skills Voice

INSTRUMENTAL ENSEMBLE/PERFORMANCE:  1 unit
Family of Classes

MUSIC 28R—Community Jazz Ensemble
MUSIC 43R—Symphonic Band
MUSIC 44R—Instrumental Chamber Ensemble

INSTRUMENTAL ENSEMBLE/PERFORMANCE:  1 unit
Family of Classes

MUSIC 28R—Community Jazz Ensemble
MUSIC 43R—Symphonic Band
MUSIC 44R—Instrumental Chamber Ensemble

INSTRUMENTAL ENSEMBLE/PERFORMANCE:  1 unit
Family of Classes

MUSIC 32R—Applied Skills Voice

MUSIC 14A—Conducting I

2018-2019 Catalog
Non-Credit Classes

EMT 510 Health Care Provider CPR 54 lab hours
The American Heart Association's basic life support course includes science and education from the 2015 Guidelines Update for CPR and ECC. This course teaches both single-rescuer and team basic life support skills for application in both prehospital and in-facility environments, with a focus on high-quality CPR and team dynamics.

ESL 512 Low-Beginning Listening and Pronunciation 54 lab hours
Prerequisite: by Placement exam
Listening and pronunciation for beginners. Emphasis on increased listening comprehension and oral fluency of simple spoken English in daily personal communication. Noun vocabulary and structures. Concurrent enrollment in ESL 213/513, 214/514, and 215/515 is highly recommended.

ESL 513 Low-Beginning Grammar 54 lab hours
The development in basic grammar for low-beginning ESL students. It introduces students who have very little, if any, background in English to basic simple sentences containing verbs BE and HAVE, simple present tense, and present continuous tense. Concurrent enrollment in ESL 212/512, ESL 214/514, and ESL 215/515 is highly recommended.

ESL 514LR English Conversation, Level 1 90 lab hours
The first course in conversation for low-beginning ESL students. Develops basic listening and speaking skills using everyday conversation in small groups and one-on-one. Emphasis on listening comprehension, pronunciation, intonation, and role-playing simulations. Students will develop basic English vocabulary and grammar necessary for successful communication. Topics include personal and family information, daily activities, and other subjects of general interest. Concurrent enrollment in ESL 212/512, 213/513, 215/515, and 226/526LR is highly recommended.

ESL 515 Integrated Skills, Level 1 90 lab hours
Prerequisite: Placement exam
Language development for low-beginning, limited English speakers. Concentration on all language skills—reading, writing, listening, speaking, and grammar. This is the first course in a series of six. Prepares students for ESL 225/525 and other level two ESL courses.

ESL 516A Academic Reading and Writing for ESL 1 54-72 lab hours
Prerequisite: Satisfactory completion of: ESL 268 or ESL 568 or ESL 269 or ESL 569. Or by placement exam
This course emphasizes the development of basic reading and writing skills including active reading and writing processes, vocabulary development, mechanics, simple and compound sentences, paragraph development, summary-response compositions, and small group and whole class work to strengthen basic reading and writing skills. Concurrent enrollment in 40A, 40B, and 40C is recommended.

ESL 516B Academic Reading and Writing for ESL 2 54-72 lab hours
Prerequisite: Satisfactory completion of: ESL 116A or ESL 516A. Or by placement exam
This course emphasizes the development of reading and writing skills including varied sentence types, use of phrases and clauses, grammar, mechanics, paragraphs, summary-response, short essays, the writing process, and small group and whole class work to strengthen basic reading skills, make inferences and read critically. Concurrent enrollment in 40A, 40B, and 40C is recommended.

ESL 522 Beginning Listening and Pronunciation 54 lab hours
Prerequisite: Satisfactory completion in: ESL 212 or ESL 512. Or by placement exam
This course covers listening and pronunciation for beginners. Emphasis will be placed on increasing listening comprehension and oral fluency of simple spoken English in common daily personal and academic communication. Concurrent enrollment in ESL 223/523, 224/524, 225/525, and 226/526LR is highly recommended.

ESL 523 Beginning Grammar 54 lab hours
Prerequisite: Satisfactory completion of: ESL 213 or ESL 513. Or by placement exam
Beginning grammar for ESL students. This course introduces students who have little background in English to basic simple sentences and short paragraphs in simple present tense and present continuous tense. Concurrent enrollment in ESL 225/525, ESL 226/526, and/or 224/524 is highly recommended.

ESL 524LR English Conversation, Level 2 40B lab hours
Prerequisite: Satisfactory completion in: ESL 214LR or ESL 514LR.
Or by placement exam
The second course in conversation for low-beginning ESL students. Builds on basic listening and speaking skills using everyday conversation in small groups and one-on-one. Emphasis on listening comprehension, pronunciation, intonation, and role-playing simulations. Students will further develop English vocabulary and grammar necessary for successful communication. Topics include conversation of students and American cultures, geographic directions, clarification techniques, and other subjects of interest. Concurrent enrollment in ESL 225/525, 226/526, and 226/526LR is highly recommended.

ESL 525 Integrated Skills, Level 2 90-119 lab hours
Prerequisite: Satisfactory completion of: ESL 215 or ESL 515. Or by placement exam
Language development for beginning, limited English speakers. Concentration on all language skills—reading, writing, listening, speaking, and grammar. This is the second course in a series of six. Prepares students for ESL 235/535 and other level three ESL courses.

ESL 526LR English As a Second Language, Lab 1 54 lab hours
Supplements English as a Second Language Levels 1 through 3 courses by providing additional academic support, practice, and exercises in grammar, reading, writing, vocabulary, listening comprehension, pronunciation, speaking and conversation. Students receive individualized and group instruction under supervision as needed.

ESL 533 High-Beginning Grammar 54 lab hours
Prerequisite: Satisfactory completion of: ESL 223 or ESL 523. Or by placement exam.
High-beginning grammar for ESL students. This course introduces students who have beginning language skills to simple sentences and short paragraphs in simple past and past continuous tenses. Concurrent enrollment in ESL 235/535, 232/532, and/or 234/534 is highly recommended.

ESL 535 Integrated Skills, Level 3 80-99 lab hours
Prerequisite: Satisfactory completion of: ESL 225 or ESL 525. Or by placement exam.
Language development for high-beginning limited English speakers; concentration on all language skills: listening, speaking, reading, writing, and grammar. This is the third course in a series of six. Prepares students for ESL 245 and ESL level four coursework.

ESL 539ECE English Skills for Parents and Child Care Providers 80-99 lab hours
Prerequisite: Or by placement exam.
This high-beginning course develops oral and written communication skills in standard English within the context of child care, child rearing, and parenting. Students develop and practice the listening, speaking, reading, and writing skills useful for communicating with and about children at different stages of development on topics including day-care, health, and safety. This course is intended for non-native speakers of English who are parents, grandparents, child care providers, preschool teachers, and students of Child Development. This course is recommended for non-native speakers at high-beginning level. It is recommended that students enroll in or have successfully completed ESL 235/535.

ESL 539MAT The Language of Arithmetic for ESL Students 48-54 lab hours
Prerequisite: Satisfactory completion of: ESL 223 or ESL 523, ESL 525 or ESL 525. Other: (Placement Exam Score) or ESL level 3 (high-beginning) and above. Students should demonstrate knowledge of whole number skills, written and spoken English as necessary for appropriate computations using whole numbers within standards of the American educational system, including, but not necessarily limited to addition, subtraction, multiplication, and division.

ESL 540A Low-Advanced Grammar 48-54 lab hours
Prerequisite: Satisfactory completion of: ESL 563 or ESL 263. Or by placement exam.
Low-advanced grammar for ESL students. This course introduces students to a theme-based grammar and teaches them to read, write and speak English with grammatical accuracy and fluency in real-life contexts. Includes a functional study of the 12 tenses in ESL 223/523, ESL 516A/B, or ENG 105/155/161A is highly recommended.

ESL 540B Advanced Grammar 48-54 lab hours
Prerequisite: Satisfactory completion of: ESL 540A or ESL 40A. Or by placement exam.
Advanced grammar for ESL students. This course introduces students to a theme-based grammar and teaches them to read, write and speak English with grammatical accuracy and fluency in real-life contexts. Includes a functional study of both nominal and adjectival phrases and clauses, articles, modal, and passive constructions. Concurrent enrollment in ESL 516AB, ESL 516AB, or ENG 105/155/161A is highly recommended.

ESL 540C High-Advanced Grammar 48-54 lab hours
Prerequisite: Satisfactory completion of: ESL 540B or ESL 40B. Or by placement exam.
High-advanced grammar for ESL students. This course introduces students to a theme-based grammar and teaches them to read, write and speak English with grammatical accuracy and fluency in real-life contexts. Includes gerunds, infinitives, conjunctions, conditional, and adverb clauses. Concurrent enrollment in ESL 516AB, ESL 516AB, or ENG 105/155/161A is highly recommended.
Programs and Courses

ESL 543 Low-Intermediate Grammar 54 lab hours
Prerequisite: Satisfactory completion of: ESL 233 or ESL 533. Or by placement exam.
Low-intermediate grammar for ESL students. This course introduces students to writing paragraphs containing both compound and complex sentences in present and past tenses. Concurrent enrollment in ESL 242/542, ESL 244/544, and ESL 245/545 is highly recommended.

ESL 545 Integrated Skills, Level 4 80-90 lab hours
Prerequisite: Satisfactory completion of: ESL 235 or ESL 535. Or by placement exam.
Language development for low-intermediate limited English speakers. Concentration on all language skills: reading, writing, speaking, and grammar. This is the fourth in a series of six leading to a certificate of completion in English at the low-intermediate level.

ESL 546LR English As a Second Language, Lab 2 37-54 lab hours
Supplements English as a Second Language Levels 4 through 6 by providing additional academic support, practice, and exercises and other academic activities in grammar, reading, writing, vocabulary, listening comprehension, pronunciation, and conversation. Students receive individualized and group instruction under supervision as needed.

ESL 549COM Computer Skills for ESL Students 54 lab hours
Provides students with the basic computer and word processing skills necessary to format, type, retrieve, and revise simple documents. Students learn to use varied software and perform basic research related to their academic needs and future employment using the internet. Additionally, students will work on English skills, such as reading and following directions (both reading and listening), and development of vocabulary related to computers. Intended for non-native English speakers with at least low-intermediate English proficiency. Concurrent enrollment in Level 4 ESL courses (e.g. 245, 245) is strongly recommended.

ESL 553 Intermediate Grammar 54 lab hours
Prerequisite: Satisfactory completion of: ESL 243 or ESL 543. Or by placement exam.
Intermediate grammar for ESL students. This course introduces students to writing paragraphs containing compound and complex sentences in present, past, and future tenses. Concurrent enrollment in ESL 250/555 or 258/558, and ESL 252/552 is highly recommended.

ESL 555 Integrated ESL Skills, Level 5 80-90 lab hours
Prerequisite: Satisfactory completion of: ESL 245 or ESL 545. Or by placement exam.
Language development for intermediate limited English speakers. Concentration on all language skills – reading, writing, speaking, and listening, and grammar. This non-credit course is the fifth in a series of non-credit integrated skill courses (519, 525, 535, 545, 555, and 565) leading to a certificate of completion in English at the high-intermediate level.

ESL 558 Intermediate Writing 72 lab hours
Prerequisite: Satisfactory completion of: ESL 245 or ESL 545. Or by placement exam.
Writing for intermediate ESL. Develops ability to write more detailed paragraphs using simple and compound sentences in varied verb tenses with proper grammar and mechanics. Concurrent enrollment in ESL 253/553 and 255/555 highly recommended.

ESL 559 English for Employment 48-54 lab hours
Prerequisite: Or by placement exam.
Prepares students for vocational training and/or employment. Includes vocabulary for the world of work and skill development for job-search, application and job retention. Intended for non-native English speakers with at least intermediate English proficiency. Concurrent enrollment in ESL 252, 253, 257, 258 and/or 255 and above is highly recommended. (CL)

ESL 559MAT The Language of Mathematics for ESL Students 80 lab hours
Prerequisite: Satisfactory completion of: ESL 233 or ESL 235. Or by placement exam.
This course develops the English speaking abilities of non-native English speakers specifically in regards to the language and vocabulary of mathematics as it is used in the American educational system. Students will learn to read, write, and verbally express mathematical words, numbers, and notions.

ESL 563 High-Intermediate Grammar
Prerequisite: Satisfactory completion of: ESL 253 or ESL 555. Or by placement exam.
High-intermediate grammar for ESL students. This course introduces students to writing short paragraphs containing compound and complex sentences in present, past, present perfect, and future tenses. Concurrent enrollment in ESL 260/565 or 268/568 and ESL 262/562 is highly recommended.

ESL 565 Integrated ESL Skills, Level 6 90 lecture hours
Prerequisite: Satisfactory completion of: ESL 255 or ESL 555. Or by placement exam.
Language development for high-intermediate limited English speakers. Concentration on all language skills – reading, writing, speaking, listening, and grammar. This non-credit course is the fifth in a series of six non-credit integrated skill courses (519, 525, 535, 545, 555, and 565) leading to a certificate of completion in English at the high-intermediate level.

ESL 568 High-Intermediate Writing
Prerequisite: Satisfactory completion of: ESL 258 or ESL 558 or ESL 255 or ESL 555. Or by placement exam.
Writing for high-intermediate ESL students. Further develops ability to write longer, correctly formatted paragraphs and short compositions with simple, compound, and complex sentences using proper grammar, spelling and verb tenses. Concurrent enrollment in ESL 260/565 and 265/565 is highly recommended.

FIRTC 590 Firefighter Physical Ability 1 lecture hours, 3 lab hours
Measures the student’s ability to perform firefighting job tasks. Instruction on proper methods used for each of the tasks. Evaluation scores may be used by local fire departments for pre-hire testing.

LEARN 520 Basic Subjects 1-162 lab hours
A general review of basic concepts of reading, writing, and arithmetic.

LEARN 590 Supervised Tutoring 1-162 lab hours
Individualized and group assistance in specific courses.

LEARN 590A Supervised Tutoring for College Success Center 1-162 lab hours
Individualized and group assistance in specific courses.

LEARN 590B Supervised Tutoring in Writing 1-162 lab hours
Individualized and small group assistance for reading and writing in courses across the curriculum.

MUSIC 540 Vocal Techniques 16 lecture hours, 27 lab hours
Group instruction in vocal techniques, tone production, breathing, diction, and their application to the art song repertoire. Vocal techniques and diction are emphasized. One hour per week in the Music Lab required.

MUSIC 543 Symphonic Band 18 lecture hours, 54 lab hours
Study and performance of band literature in all periods of music. Emphasis on the development of ensemble playing techniques.

MUSIC 554 Community Chorus 9 lecture hours, 27 lab hours
Study, rehearsal and performance of the standard choral literature, including oratorio, cantata, opera and extended choral works. Open to all students and members of the community.

MUSIC 558 Community Jazz Ensemble 9 lecture hours, 27 lab hours
Study and performance of Jazz music literature.

THART 526 Musical Theatre Workshop 162 lab hours
Other: Audition
Fundamentals of musical theatre performance; singing, acting, dancing, orchestration, and technical stage work. Students may specialize in area of interest. Works to be selected from various periods and styles. Participation in Yuba College production is required.

THART 528 College Theatre 54-162 lab hours
Other: Audition
In order to be fully successful in this course, students should already possess some knowledge of theatre performance and production. This course is designed to enrich the artistic expression and life quality of older adults through theatre. This course provides an opportunity for personal growth and development, group interaction, mental stimulation and physical activity through supervised participation in a college theatre production. Physical, mental, social and emotional well-being are stimulated through a variety of creative and expressive theatre activities related to rehearsal and live performance including acting, directing, design, and stagecraft. Acting roles require an audition or interview.

174 C.L.M Advisories: Computer Literacy: recommended basic computer skills.
Language: recommended eligibility for English I/A. Mathematics: recommended eligibility for Math I/A.

2018-2019 Catalog

2017-2018
Nursing

Nursing is a blend of science, technology, and compassion that allows the practitioner to provide healthcare in a variety of settings. It is an applied science based upon principles from the biological, physical, and behavioral sciences, as they relate to the diagnosis and treatment of human responses to potential health problems. It includes caring for the sick, prevention of disease, and helping people return to and maintain health. Examples of particular care settings are hospitals, extended care facilities, home health care, clinics, offices, schools, military service, occupational settings, and more.

General Information: Yuba College offers an Associate Degree Nursing (ADN) program leading to licensure as an RN. A career ladder program, for LVN's wishing to advance to the RN level. It is also available, in conjunction with Yuba College. Nursing offers clinical experiences in a variety of healthcare settings, including hospitals, extended care facilities, offices, and clinics. Most lectures are broadcast via interactive TV from Yuba College and Woodland Community College. Skills labs in Marysville and Woodland are staffed with faculty to provide additional support to students. Media, including videos and computer-assisted instructional programs, simulation, resource books, and professional journals are also available at both campuses. Upon program completion, graduates, unless otherwise disqualified by the licensing board, are eligible to take the National Council of State Boards Nursing Licensing Examination (NCLEX).

Costs: In addition to living expenses, standardized examinations, enrollment fees and books, Yuba College nursing students have several additional program specific costs. These can include, but are not limited to, nursing uniforms, immunizations, CPR certification, malpractice insurance, nurse packs, supplies (stethoscope, name badge, etc.), and a required physical examination, background check, and drug screen. An estimated breakdown of the minimum start-up costs for a 1st year ADN student is available on the Nursing Department website (http://nursing.yccd.edu/).

Clinical Background and Drug Screening: All students enrolled in nursing and related health programs are required to adhere to the District's Policy and Procedure on Criminal Background Checks and Drug Screening. The District contracts with several affiliated agencies (hospitals, clinics, and schools) in Yuba, Sutter, Sacramento, and Yolo Counties to provide clinical experiences approved by the California Board of Registered Nursing. All nursing applicants and current students must meet the health and safety standards for their affiliated agencies at all times. Therefore, students are required to undergo criminal background checks and drug screening prior to being placed in clinical facilities. Any alert on a criminal background check, or positive drug test result, will disqualify an applicant from entering the program. Costs associated with the criminal background and drug screenings are the sole responsibility of the applicant. Details regarding the District's Policy and Procedure on Criminal Background Checks and Drug Screening are available on the Nursing Department website (http://nursing.yccd.edu/).

Additionally, in accordance with California Board of Registered Nursing regulations, a person convicted of certain offenses may not be eligible to be licensed as a registered nurse. Prospective nursing students are strongly urged to consider this stipulation prior to investing substantial time and money if it appears that past criminal acts or convictions could jeopardize an applicant's future eligibility for licensure.

Computer Use: Students are required to complete most assignments and testing using computers. In addition, hospital records are computerized. Therefore, it is imperative for students entering the field of nursing to be computer literate.

Travel and Trainings: Students are required to complete various hospital trainings specific to the individual clinical facilities utilized by the Yuba College Nursing Department. Training hours are mandatory, and are above and beyond individual course hours. Additionally, since clinical facilities are located in Sacramento, Yuba, and Sutter Counties, required travel from these locations will be the sole responsibility of the student.

Course Repeats: Yuba College Nursing has adopted a single course repeat policy for all nursing students. Students will only be allowed to fail or withdraw from one course throughout the duration of their studies. A second failure or withdrawal will result in the student being permanently suspended from the program (Policy 004.0). Prior to suspension, the student will be referred to Yuba College’s NURS 26 Pharmacology and NURS 36 Pathophysiology: Understanding Disease, courses as well.

ASSOCIATE DEGREE IN NURSING (ADN)

ADN Admission Requirements:

Yuba College offers a full-time ADN program designed to prepare students to take the NCLEX, leading to licensure as a registered nurse. The ADN program utilizes a merit-based admission process to select qualified applicants according to a combination of their academic and personal achievements. A detailed description of each criterion, including a breakdown of the total points, as well as the current ADN application packet and supplemental materials, can be found on the Nursing Department website (http://nursing.yccd.edu/). Students are advised to check the website (and/or Facebook) regularly for updates and information related to the application and admission process for the Yuba College ADN program. It is also recommended that all students interested in the ADN program meet with a Yuba College Counselor to ensure they understand, and that all students interested in the ADN program meet with a Yuba College Counselor to ensure they understand, and personal achievements. A detailed description of each criterion, including a breakdown of the total points, as well as the current ADN application packet and supplemental materials, can be found on the Nursing Department website (http://nursing.yccd.edu/).

PREREQUISITE COURSEWORK:

<table>
<thead>
<tr>
<th>Course Core</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (minimum 2.50 GPA required)</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 4 Anatomy Human</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 5 Human Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 6 Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>36 Pharmacology and Pathophysiology</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 1A College Composition and Reading</td>
<td>4</td>
</tr>
<tr>
<td>NURS 26 Pharmacology</td>
<td>3</td>
</tr>
<tr>
<td>NURS 36 Pathophysiology</td>
<td>4</td>
</tr>
<tr>
<td>Additional prerequisite courses:</td>
<td></td>
</tr>
<tr>
<td>MATH 52 Intermediate Algebra</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry 2A OR</td>
<td>5</td>
</tr>
<tr>
<td>2B Introductory Chemistry</td>
<td>5</td>
</tr>
</tbody>
</table>

Some ADN prerequisite courses have their own prerequisite(s). Please refer to the current course description for additional information.

General Education and Support Courses

The following coursework must also be completed prior to graduation from the ADN program. Therefore, it is strongly recommended that they are completed prior to program entry. All coursework must earn a grade of “C” or better.

<table>
<thead>
<tr>
<th>Course Core</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCS 10 Nutrition OR</td>
<td>3</td>
</tr>
<tr>
<td>Health 10 Principles of Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 1A General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOCIAL 1 Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLOGY 1 Sociology OR</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLOGY 3 Social Problems OR</td>
<td>3</td>
</tr>
<tr>
<td>SOCIOLOGY 5 Sociology of Race OR</td>
<td>3</td>
</tr>
<tr>
<td>ANTHRO 2 Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>SPECH 1 Public Speaking OR</td>
<td>3</td>
</tr>
<tr>
<td>SPECH 6 Group Discussion</td>
<td>3</td>
</tr>
<tr>
<td>Humanities Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

Preadmission Testing:

Successful completion of an approved preadmission diagnostic assessment exam is required before submitting an ADN program application. Overall percentages will not be rounded, and only the specific exam version listed will be accepted.

A. Test of Essential Academic Skills version (TEAS-V). According to the guidelines in the Multi-Criteria Screening Process, applicants who score below 62% on the TEAS-V will not be eligible to apply to the ADN program. Additional details regarding this process are available on the Nursing Department website (http://nursing.yccd.edu/).

NURS 4A Medical-Surgical Nursing IV | 7 |
NURS 14 Seminar 2 (Lab) | 1 |
NURS 48 Leadership in Nursing | 3 |
NURS 33 Psychiatric/Mental Health Nursing | 4 |
NURS 56 Nursing Skills Lab (optional) | (1)

Total units required for degree major | 42.5-44.5
Programs and Courses

LICENSED VOCATIONAL NURSING (LVN) TO REGISTERED NURSING (RN) CAREER LADDER PROGRAM

Option 1: LVN to ADN (RN plus degree): The LVN to ADN program consists of two main components: Core Courses and Major Requirements.

PREREQUISITE COURSEWORK: Core Courses: Major Requirements: Students who complete this program should be able to:

1. Communicate and collaborate with interdisciplinary healthcare partners in providing care to a diverse population of patients and families.
2. Demonstrate problem solving skills while utilizing resources to apply best practices to deliver safe and effective care.
3. Demonstrate understanding of and apply evidence based practice in rendering all aspects of patient care.

Students who complete this program are eligible for:
1. Oregon’s LVN to RN Option
2. LVN to RN (30-Unit Option) applicants

Major Requirements:

- LVN to RN (30-Unit Option) applicants are eligible for consideration of admission if they currently hold an active, clear California Vocational Nurse License and Intravenous (IV) certification. Recent Vocational Nurse graduates must provide proof of licensure prior to program entry.
- LVN to RN (30-Unit Option) applicants must have graduated from an accredited vocational school of nursing or demonstrated mastery of course content by challenge examination.

LVN to RN (30-Unit Option) Major Requirements:
- Third Semester
- NURS 3 Medical Surgical Nursing III
- NURS 56 Nursing Skills Lab (optional) (1)
- Sixth Semester
- NURS 4 Medical Surgical Nursing IV
- NURS 14 Seminar 4 (Lab) (1)
- NURS 48 Leadership in Nursing
- NURS 33 Psychiatric/Mental Health Nursing
- NURS 56 Nursing Skills Lab (optional) (1)

NURS 1 Fundamentals of Medical Surgical Nursing
- 72 lecture hours, 270 lab hours
- Prerequisite: Satisfactory completion of: NURS 36 and NURS 26.
- Other Formal admission to the Yuba College Nursing program.
- Transfers to CSU

NURS 2 Medical Surgical Nursing II
- 72 lecture hours, 162 lab hours
- Prerequisite: Satisfactory completion of: NURS 1 Transferable to CSU

NURS 3 Medical Surgical Nursing III
- 36 lecture hours, 162 lab hours
- Prerequisite: Satisfactory completion of: NURS 2 Transferable to CSU

Other requirements: NURS 36 Pathophysiology: Understanding Disease
- 3.5 units
- Additional prerequisites:
- NURS 11 Nursing Practicum Seminar I
- NURS 12 Nursing Practicum Seminar II
- Upon successful completion of all preadmission requirements, including the NURS prerequisite coursework, the LVN to ADN applicants will be fully admitted on a space-available basis to the third semester of the ADN program.

OPTION 2: LVN TO RN ONLY (30-Unit Option)

The LVN to RN (30-Unit Option) pathway is a non- degree nursing education alternative. In accordance with California State Regulation 1424, this option allows the Transferable to be eligible to attend a registered LVN to RN (30-Unit Option) pathway and will not issue RN licensure based upon the completion of this option. Career ladder to a higher level (BSN, MSN). Students interested in pursuing the 30-Unit Option should contact the Nursing Department for more information. LVN to RN (30-Unit Option) application packet can be found on the Nursing Department website (http://nursing.yccd.edu/).

Programs and Courses
<table>
<thead>
<tr>
<th>Program Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 4A</td>
<td>Medical-Surgical Nursing IV</td>
<td>3.5</td>
<td>36 lecture hours, 81 lab hours</td>
</tr>
<tr>
<td>NURS 21</td>
<td>Pediatric Nursing</td>
<td>3.5</td>
<td>Transferable to CSU</td>
</tr>
<tr>
<td>NURS 22</td>
<td>Obstetrical Nursing</td>
<td>3.5</td>
<td>Transferable to CSU</td>
</tr>
<tr>
<td>NURS 26</td>
<td>Pharmacology</td>
<td>3</td>
<td>54 lecture hours</td>
</tr>
<tr>
<td>NURS 33</td>
<td>Psychiatric/Mental Health Nursing</td>
<td>4</td>
<td>Transferable to CSU</td>
</tr>
<tr>
<td>NURS 36</td>
<td>Pathophysiology: Understanding Disease</td>
<td>4</td>
<td>72 lecture hours</td>
</tr>
<tr>
<td>NURS 37</td>
<td>LVN to RN Bridge Course</td>
<td>2</td>
<td>36 lecture hours</td>
</tr>
<tr>
<td>NURS 4A</td>
<td>Geriatric Nursing</td>
<td>2</td>
<td>36 lecture hours</td>
</tr>
<tr>
<td>NURS 56</td>
<td>Advanced Nursing Skills Lab</td>
<td>1</td>
<td>54 lab hours</td>
</tr>
<tr>
<td>NURS 57</td>
<td>Second Year Advanced Nursing</td>
<td>1</td>
<td>54 lab hours</td>
</tr>
<tr>
<td>PHIL 1</td>
<td>Introduction to Philosophy</td>
<td>3</td>
<td>54 lecture hours</td>
</tr>
<tr>
<td>PHIL 2</td>
<td>Ethics</td>
<td>3</td>
<td>Transferable to CSUC/UC</td>
</tr>
<tr>
<td>PHIL 3</td>
<td>Philosophy</td>
<td>3</td>
<td>54 lecture hours</td>
</tr>
<tr>
<td>PHIL 4</td>
<td>Politics</td>
<td>3</td>
<td>Transferable to CSUC/UC</td>
</tr>
<tr>
<td>PHIL 5</td>
<td>Advanced Nursing Skills Lab</td>
<td>1</td>
<td>54 lab hours</td>
</tr>
<tr>
<td>PHIL 6</td>
<td>Political Philosophy</td>
<td>3</td>
<td>54 lecture hours</td>
</tr>
</tbody>
</table>

**Philosophy**

Philosophy courses are designed to cultivate wisdom by critically questioning fundamental beliefs about reality, self-identity, knowledge, religion, and ethics. The core courses that make up the curriculum include Introduction to Philosophy, Critical Thinking, Ethics, Philosophy of Religion, and World Religions.

**PHIL 1: Introduction to Philosophy**

This is an introduction to the study of ethics emphasizing the relevance of ethics to everyday decision making. Topics include: the human context of moral reasoning, relativism, subjectivism, religion and ethics, conscience and moral development, ethical egoism, utilitarianism, the ethics of duty, right ethics, virtue ethics and the good life, and case studies in moral reasoning. (L)

**PHIL 2: Ethics**

This is an introduction to the study of ethics emphasizing the relevance of ethics to everyday decision making. Topics include: the human context of moral reasoning, relativism, subjectivism, religion and ethics, conscience and moral development, ethical egoism, utilitarianism, the ethics of duty, right ethics, virtue ethics and the good life, and case studies in moral reasoning. (L)

**PHIL 3: Philosophy of Religion**

This is an introduction to the study of ethics emphasizing the relevance of ethics to everyday decision making. Topics include: the human context of moral reasoning, relativism, subjectivism, religion and ethics, conscience and moral development, ethical egoism, utilitarianism, the ethics of duty, right ethics, virtue ethics and the good life, and case studies in moral reasoning. (L)

**PHIL 4: Political Philosophy**

This is an introduction to the major authors and types of political thought. It examines the assumptions and the central issues involved in political thinking (e.g., democracy, fascism, justice, rights, law, liberty, political authority, political principles, consequences, etc.). As presented through classical and contemporary readings. Not open for credit to students with credit in POLSCI 6. (L)
PHYS 10A  Earth Science Laboratory  1 unit  34 lab hours
Prerequisite: Satisfactory completion of: PHYS 10A, which may be taken concurrently.
Transferable to CSUC/UC - UC Unit Limit
C-ID GEOL 120L
Laboratory activities in Earth Science to reinforce and complement the materials presented in PHYS 10A.

PHYS 10B  Physical Science - Physics and Chemistry  3 units  54 lecture hours
Transferable to CSUC/UC - UC Unit Limit
Basic concepts in physics and chemistry: motion, force, energy, electricity, atomic theory, matter, chemical and physical changes, radioactivity, and an introduction to modern physics.
This course also includes introduction to applied physical sciences including Geology, Meteorology, Astronomy, and Oceanography. (L)

PHYS 10C  Physical Science - Physics and Chemistry  1 unit  54 lab hours
Prerequisite: Satisfactory completion of: PHYS 10B, may be taken concurrently.
Transferable to CSUC/UC
Laboratory experiments in physics and chemistry to reinforce and complement the materials presented in PHYS 10B which may be taken concurrently. (L)

PHYS 2A  General Physics  3 units  54 lecture hours
Prerequisite: Satisfactory completion of: MATH 21
Other: CHEM 2A is recommended
Transferable to CSUC/UC - UC Unit Limit
C-ID PHYS 105 (PHYS 2A & PHYS 3A)
Comprehensive survey of physics, including mechanics, hydrostatics, thermodynamics, and wave motion; qualitative understanding and quantitative problem solving; primarily for life science majors. (L,M)

PHYS 2B  General Physics  3 units  54 lecture hours
Prerequisite: Satisfactory completion of: PHYS 2A
Transferable to CSUC/UC - UC Unit Limit
C-ID PHYS 110 (PHYS 2B & PHYS 3B)
Comprehensive study of physics, including electricity and magnetism, optics, atomic and nuclear physics, and relativity; equal emphasis placed on qualitative understanding and quantitative problem solving. Primarily for Life Science majors. (L,M)

PHYS 3A  General Physics Laboratory  1 unit  54 lab hours
Prerequisite: Satisfactory completion of: PHYS 2A, may be taken concurrently.
Transferable to CSUC/UC - UC Unit Limit
C-ID PHYS 105 (PHYS 2A & PHYS 3A)
Performance of lab experiments to verify the important concepts of PHYS 2A. Not open for credit to students with credit in PHYS 4 series or equivalent. (L,M)

PHYS 3B  General Physics Laboratory  1 unit  54 lab hours
Prerequisite: Satisfactory completion of: PHYS 2B and PHYS 3A
Corequisite: PHYS 2B
Transferable to CSUC/UC - UC Unit Limit
C-ID PHYS 110 (PHYS 2B & PHYS 3B)
Performance of lab experiments to verify the important concepts of PHYS 2B. Not open for credit to students with credit in the PHYS 4 series. (L,M)

PHYS 4A  Mechanics  4 units  54 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: MATH 1A with a grade of "C" or better, MATH 1B (MATH 1B may be taken concurrently.
Transferable to CSUC/UC - UC Unit Limit
C-ID PHYS 205
Overview of the field of physics, its position and significance relative to the sciences, followed by a detailed study of mechanics. Primarily for architecture, chemistry, engineering, geophysics, and physics majors. (L,M)

PHYS 4B  Electromagnetism  4 units  54 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: PHYS 4A with a grade of "C" or better.
Transferable to CSUC/UC - UC Unit Limit
C-ID PHYS 210
Study of electromagnetism with accompanying laboratory. (L,M)

PHYS 4C  Thermodynamics, Light, and Modern Physics  4 units  54 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: PHYS 4B with a grade of "C" or better.
Transferable to CSUC/UC - UC Unit Limit
C-ID PHYS 215
Study of thermodynamics, optics, and modern physics with accompanying laboratory. (L,M)

PHIL 12  Critical Thinking  3 units  54 lecture hours
Transferable to CSUC/UC
A basic introduction to critical thinking skills emphasizing their application to everyday decision-making. Topics include definitions of critical thinking, language and meaning, claims and reasons, argument and inference, argument identification and evaluation, inductive reasoning, deductive reasoning, underlying assumptions, evaluating arguments, assumptions and evidence, worldviews as a context for critical thought, evaluating arguments, sound and fallacious reasoning, informal fallacies, causal inference, and scientific method. (L)

PHIL 20  World Religions  3 units  54 lecture hours
Transferable to CSUC/UC
A survey of the beliefs and practices of Eastern and Western traditions. Emphasis will be given to the origin and development of each tradition, its major forms of expression, and the various ways in which each tradition addresses the most fundamental questions of human existence. (L)

PHYS 12A  General Physics  3 units  54 lecture hours
Transferable to CSUC/UC - UC Unit Limit
C-ID PHYS 105 (PHYS 2A & PHYS 3A)
Comprehensive survey of physics, including mechanics, hydrostatics, thermodynamics, and wave motion; qualitative understanding and quantitative problem solving; primarily for life science majors. (L,M)

PHYS 215  Physical Science - Physics and Chemistry  1 unit
Prerequisite: Satisfactory completion of: MATH 1A with a grade of "C" or better, MATH 1B (MATH 1B may be taken concurrently.
Transferable to CSUC/UC - UC Unit Limit
C-ID PHYS 205
Overview of the field of physics, its position and significance relative to the sciences, followed by a detailed study of mechanics. Primarily for architecture, chemistry, engineering, geophysics, and physics majors. (L,M)

PHYS 4A  Mechanics  4 units
Prerequisite: Satisfactory completion of: MATH 1A with a grade of "C" or better, MATH 1B (MATH 1B may be taken concurrently.
Transferable to CSUC/UC - UC Unit Limit
C-ID PHYS 205
Overview of the field of physics, its position and significance relative to the sciences, followed by a detailed study of mechanics. Primarily for architecture, chemistry, engineering, geophysics, and physics majors. (L,M)

PHYS 4B  Electromagnetism  4 units
Prerequisite: Satisfactory completion of: PHYS 4A with a grade of "C" or better.
Transferable to CSUC/UC - UC Unit Limit
C-ID PHYS 210
Study of electromagnetism with accompanying laboratory. (L,M)

PHYS 4C  Thermodynamics, Light, and Modern Physics  4 units
Prerequisite: Satisfactory completion of: PHYS 4B with a grade of "C" or better.
Transferable to CSUC/UC - UC Unit Limit
C-ID PHYS 215
Study of thermodynamics, optics, and modern physics with accompanying laboratory. (L,M)

PHIL 16B  African-American History  3 units
List A: Select three courses (9 units) from the following courses:

POLSC 7 International Relations
ECON 1B Elementary Economics-Micro
SOCIL 5 Sociology of Race and Ethnicity

List B: Choose two courses (6 units) from the following courses:

HIST 17B United States History
SOCIL 4 Sociology of Sex and Gender
ECON 1B Elementary Economics-Macro

Required Courses: 3 units

POLSC 1 Introduction To American Government
ECON 1B Elementary Economics-Micro

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PHIL 6  Political Philosophy  3 units
Transferable to CSUC/UC
This course introduces students to the major authors of political thought and examines the assumptions and central issues involved in political thinking. Concepts such as: democracy, fascism, justice, law, liberty, political authority, political principles, and consequences will be examined through an analysis of classical and contemporary reading selections. Not open for credit to students with credit in POLSCI 6. (L)

PHIL 12  Critical Thinking  3 units
54 lecture hours
Transferable to CSUC/UC
A basic introduction to critical thinking skills emphasizing their application to everyday decision-making. Topics include definitions of critical thinking, language and meaning, claims and reasons, argument and inference, argument identification and evaluation, inductive reasoning, deductive reasoning, underlying assumptions, evaluating arguments, assumptions and evidence, worldviews as a context for critical thought, evaluating arguments, sound and fallacious reasoning, informal fallacies, causal inference, and scientific method. (L)

PHIL 20  World Religions  3 units
54 lecture hours
Transferable to CSUC/UC
A survey of the beliefs and practices of Eastern and Western religious traditions. Emphasis will be given to the origin and development of each tradition, its major forms of expression, and the various ways in which each tradition addresses the most fundamental questions of human existence. (L)

PHOTOGRAPHY (see Art)

PHYSICAL EDUCATION (see Kinesiology)
POLSC 1 Introduction to American Government 3 units

54 lecture hours
Transferable to CSU/UC
C-ID POLS 110
Survey of American government and politics, covering three parts: the foundations, politics, and institutions. First, it will explore the foundations of American democracy, such as political culture, the Constitution, civil liberties, and civil rights. Second, it will analyze American politics in the aspects of the media, political parties, elections, and interest groups. Finally, political institutions will be examined, such as the Congress, the presidency, the courts, and the federal bureaucracy. State and local governments are included. Satisfies Government(s) Constitution(s) portion of California State University Title 5, Section 40404. (L)

POLSC 2 Comparative Politics 3 units

54 lecture hours
Transferable to CSU
C-ID POLS 130
An introduction to comparative politics. This course compares the major political systems in selected countries, including industrialized democracies, developing states, and current and former communist regimes. It analyzes the similarities and differences among the major states by studying their government types, ideologies, political parties, and economies. Students will learn not only the cases of various political systems but also the methods to compare them. (L)

POLSC 3 California Politics 3 units

54 lecture hours
Transferable to CSU
C-ID POLS 140
A survey of historical and contemporary international relations. Focus will be on major theories and methodologies, international security, globalization, international political economy, international law, international institutions (e.g., UN, WTO, NAFTA, NGOs), and human security. This class also analyzes the foreign policies of major actors, major states, areas of conflict and tension, and various aspects of globalization. In addition, it explores how people of different cultures and ethnic background impact the domestic and foreign politics of their states, with emphasis on issues of human security - ethnic conflict, the global North and South economic gap, pandemics, human rights, population, environment and resource management. (L)

POLSC 6 Political Philosophy 3 units

54 lecture hours
Transferable to CSU
C-ID POLS 140
This is an introduction to the major authors of political thought and examines the assumptions and central issues involved in political thinking. Concepts such as democracy, fascism, justice, rights, law, liberty, political authority, political principles, and consequences will be examined through an analysis of classical and contemporary reading selections. Not open for credit to students with credit in PHL 6. (L)

POLSC 7 International Relations 3 units

Transferable to CSU
C-ID POLS 140
A survey of historical and contemporary international relations. Focus will be on major theories and methodologies, international security, globalization, international political economy, international law, international institutions (e.g., UN, WTO, NAFTA, NGOs), and human security. This class also analyzes the foreign policies of major actors, major states, areas of conflict and tension, and various aspects of globalization. In addition, it explores how people of different cultures and ethnic background impact the domestic and foreign politics of their states, with emphasis on issues of human security - ethnic conflict, the global North and South economic gap, pandemics, human rights, population, environment and resource management. (L)

Psychiatric Technology

The Psychiatric Technology Program is a four-semester and one summer session program offered at the Yuba College College Campus. The program includes 648 theoretical hours of classroom education, correlated with 955 clinical practicum hours. The subject matter reflects the knowledge and skills specified by Board of Vocational Nursing Psychiatric Technology Education (BVNPTE) regulation, rules, and laws. All clinical practicum will be under the supervision of a licensed BVNPTE-approved clinical instructor. The curriculum may be periodically revised to reflect the evolution of the profession and BVNPTE laws and regulations.

Theory and clinical program content shall reflect the client and patient population that are normally associated with the licensed Psychiatric Technician: Mentally disordered, personality disordered, substance abuser, and developmentally disabled. Students will be selected on the basis of a special application. Call (530) 741-6786 to request an application packet and application deadline information.

MINIMUM CRITERIA
1. High School graduation or equivalent to high school.
2. Age of 18 years by first day of Fall semester.

PSYCHIATRIC TECHNICIAN
(Certificate of Achievement)

Students who complete this program should be able to:
1. Accurately perform and document basic nursing skills, basic physical and mental assessments and interventions while prioritizing patient care.
2. Effectively participate in a therapeutic environment and communicate in a professional and respectful manner to both staff and clients.
3. Pass the California state board exam for licensure as a psychiatric technician after completing required theory and clinical hours.

Units
Fall (First Semester)
FCS 10 Principles of Nutrition ........................................ 3
PSYCT 50 Anatomy and Physiology ...................................... 3
PSYCT 51 Human Development ......................................... 3
PSYCT 52 Nursing Science A ........................................... 2

Second Semester (Spring Semester)
PSYCT 53 Developmental Disabilities A .................................. 3
PSYCT 54 Nursing Science B ........................................... 2
PSYCT 55 Pharmacology A ............................................ 2
PSYCT 70 Nursing Science Clinical A .................................. 2
PSYCT 71 Developmental Disabilities Clinical A ....................... 2

Summer
PSYCT 56 Nursing Science C ........................................... 3
PSYCT 72 Nursing Science Clinical B .................................. 3

Third Semester (Fall Semester)
PSYCT 57 Psychiatric Disorders A ...................................... 2
PSYCT 58 Group Process .................................................. 2
PSYCT 59 Crisis Management ............................................ 2
PSYCT 60 Pharmacology B ............................................. 2

PSYCT 73 Psychiatric Disorders Clinical A ............................ 4

Fourth Semester (Spring Semester)
PSYCT 81 Substance Abuse ............................................. 2
PSYCT 82 Psychiatric Disorders B ....................................... 2
PSYCT 83 Developmental Disabilities B ............................... 3
PSYCT 74 Psychiatric Disorders Clinical B ............................. 2
PSYCT 75 Developmental Disabilities Clinical B ....................... 3

Total units required: 53

Completion/challenge/credit for the previously outlined courses will make the student eligible for licensure examination by the Board of Vocational Nurse and Psychiatric Technician Examiners following application. Students wishing to also receive an associate degree should consult their counselor concerning additional degree requirements.

PSYCT 50 Anatomy and Physiology 3 units

54 lecture hours
Introductory course providing a comprehensive overview of the normal structure and function of the human organism. Includes but not limited to: cell and tissue structure and function, organ and system differentiation and related terminology. Designed for the psychiatric technician student or equivalent. (L)

PSYCT 51 Human Development 3 units

54 lecture hours
Overview of normal human growth and development from biologic conception through adulthood. Referenced and validated by the following: identification of major theorists/theories, presentation of major milestones of growth and development associated with the chronologic age groups and subject related terminology. (L)

PSYCT 52 Nursing Science A 2 units

54 lecture hours
Overview and orientation to the nursing science, which includes the following: basic medical terminology, fundamental concepts relating to the health care systems, ethical and professional codes of conduct and overview of past, current, and future trends in the U.S. health care systems. (L)

PSYCT 53 Developmental Disabilities A 5 units

54 lecture hours, 108 lab hours
Other: Successful completion of all first semester Psych Tech courses. Conform to clinical agency rules and regulations, such as passing a criminal background check and drug screen (specific regulations dependent on clinical site). Introductory overview of the five developmental disability subtypes: mental retardation, epilepsy, cerebral palsy, infantile autism and neurological handicaps. Also included will be instruction in MAB (Managing Assuitive Behavior) training designed to prepare the student to effectively manage assuitive behavior.
PSYCT 54  Nursing Science B  5 units
Other: Successful completion of all 1st semester classes in the Psych Tech program; Conform to clinical agency rules and regulations, such as passing a criminal background check and drug screen (specific regulations dependent on clinical site). Overview of diseases and disorders in terms of diagnostic criteria, symptom presentations, system pathology, medical/nursing interventions and typical prognosis. Emphasis shall be on nursing interventions, special care needs, and patient-related skills. Application of basic nursing skills associated with “long term care” patients. The clinical affiliation also includes a 40 hours lab practice within the Yuba College Nursing Lab to include basic nursing care. Must be an accepted student in the Psychiatric Technician Program in order to take this course.

PSYCT 55  Pharmacology A  2 units 36 lecture hours
Introductory overview to the basic concepts associated with the fields of pharmacology, anatomy, and physiology and drug terminology. Includes the following: a math review, computation conversion and review of specific drugs relating to the Psychiatric Technician Program. Students must have successfully completed all previous semester courses in the Psych Tech program. Successful completion of all previous semester courses in the PsychTech program

PSYCT 58  Group Process  2 units 36 lecture hours
Overview of the therapeutic intervention known as group process as it relates to the developmentally disabled and psychiatric client. Includes the following: related terminology, group leader skills, goals of the group process and specific client behaviors. (L)

PSYCT 59  Crisis Management  2 units 36 lecture hours
Overview of the concept of “crisis” relating to an individual’s personal reaction to physical or psychological stressors. Includes but not limited to the following: recognition of stress response, specific adaptive responses, specific maladaptive response, the dynamics of grief “burnout and suicide.” (L)

PSYCT 60  Pharmacology B  2 units 36 lecture hours
Prerequisite: Satisfactory completion of: PSYCT 55 Other requirement: Medication calculations: Must be able to accurately calculate medical dosages prior to taking class. Overview of the somatic therapies with emphasis on the psychotropic medications as they relate to the psychiatric client. Includes but is not limited to the following: major drug classes: antipsychotic, antidepressant, antianxiety, antihypertensive, and anticholinergic. (L, M)

PSYCT 61  Substance Abuse  2 units 36 lecture hours
Provides for the historical overview of those drugs that are most commonly abused, or abused within the contemporary U.S. society. Includes a distinction between substance-use disorders and substance-induced disorders. All major drugs that have the potential for abuse and or misuse shall be presented in terms of the following: classifications, physical/psychological effects and dependency potential. (L)

PSYCT 62  Psychiatric Disorders B  4 units 36 lecture hours, 106 lab hours
Other: Students must have successfully completed all previous semester classes in the Psych Tech program. Provides for the general orientation to the ten personality disorders as described in Axis II of the DSM-V. Emphasis shall be upon the defining criteria, interpersonal impact, social consequences and intervention techniques. This course will also have 108 hours in mental and developmental disabilities clinical sites.

PSYCT 63  Developmental Disabilities B  6 units 54 lecture hours, 162 lab hours
Other: Successful completion of all previous semester courses in the Psychiatric Technician Program Provides an overview of the application of the behavioral science known as “behavior intervention” as it applies to the mentally retarded population. Includes a summary of state and federal legislation for the developmentally disabled. Also includes a general preparation for the Board of Vocational Nurses and Psychiatric Technicians (BV/NPT) state board examination. Provides for direct participation with the specific agency known as “Community Resource Services”. Students shall be assigned to CRS sites based on (2) four week clinical rotations.

Programs and Courses

Psychology

Psychology is the study of human thought, feelings, and behavior. Part of its appeal is the fact that it involves both scientific investigation and practical applications of those findings in everyday life. Yuba College Psychology courses offer a diverse program with several goals: 1) To expose students to the variety of sub-fields in psychology; 2) to engender knowledge of, and appreciation for, the spirit and nature of scientific inquiry; 3) to facilitate insight into oneself and increase knowledge of, and sensitivity to, other people; and 4) to introduce students to the skills of inquiry, thereby preparing them for further study in Psychology.

Those pursuing psychology as a field of study will find many career options centering around helping others to understand, predict, and influence their own behavior and the behavior of others. Psychologists may teach, conduct research in psychology, perform psychological testing, or do consultation in a variety of settings which include hospitals, businesses, private practice, personnel offices, industries, colleges and universities, and government. Training in Psychology provides a valuable foundation for professions wherein interpersonal interactions are a component of the work setting.

Psychology (Associate in Arts)

Students who complete this program should be able to:
1. Demonstrate respect for the psychological differences in opinions, feelings and values of others in one's interactions.
2. Analyze psychological data/information/theses, draw reasonable conclusions in relation to human behavior.
3. Apply psychological principles to the development of interpersonal, occupational and leisure time personal growth.
4. Apply psychological principles to the development of interpersonal, occupational and leisure time personal growth.

Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
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<tbody>
<tr>
<td>PSYCH 1A</td>
<td>General Psychology</td>
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<tr>
<td>PSYCH 31</td>
<td>Human Sexuality</td>
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<td>PSYCH 31</td>
<td>Gender and Behavior</td>
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<td>Feminine and Masculine</td>
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<tr>
<td>Plus 12 units from the following</td>
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<tr>
<td>PSYCH 22</td>
<td>Social Psychology</td>
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<td>PSYCH 23</td>
<td>Personal and Social Adjustment</td>
<td>3</td>
</tr>
<tr>
<td>ECE 3</td>
<td>Childhood and Adolescent Behavior</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 41</td>
<td>Lifespan Development</td>
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<td>PSYCH 12</td>
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</tr>
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</table>

Students majoring in an AA degree must complete a minimum of 18 units in General Education requirements, the multidisciplinary graduation requirement, and the health requirement, in addition to the program units listed above. Students must complete a total of 60 degree applicable units to earn an AAAS. Please see your counselor for additional information.

The Associate in Arts in Psychology Transfer Degree is designed for students for transfer into the CSU system to complete a bachelor’s degree in Psychology. Psychology is the study of human thought, feelings, and behavior. Part of its appeal is the fact that it involves both scientific investigation and practical applications of those findings in everyday life. Yuba College Psychology courses offer a diverse program with several goals: 1) To expose students to the variety of sub-fields in psychology; 2) to engender knowledge of, and appreciation for, the spirit and nature of scientific inquiry; 3) to facilitate insight into oneself and increase knowledge of, and sensitivity to, others; and 4) to introduce students to the skills of inquiry, thereby preparing them for further study in Psychology.

Those pursuing psychology as a field of study will find many career options centering around helping others to understand, predict, and influence their own behavior and the behavior of others. Psychologists may teach, conduct research in psychology, perform psychological testing, or do consultation in a variety of settings which include hospitals, businesses, private practice, personnel offices, industries, colleges and universities, and government. Training in Psychology provides a valuable foundation for professions wherein interpersonal interactions are a component of the work setting.

Students who complete this program should be able to:
1. Demonstrate respect for the psychological differences in opinions, feelings and values of others in one's interactions.
2. Analyze psychological data/information/theses, draw reasonable conclusions in relation to human behavior.
3. Apply psychological principles to the development of interpersonal, occupational and leisure time personal growth.
4. Apply psychological principles to the development of interpersonal, occupational and leisure time personal growth.

Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>PSYCH 1A</td>
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<td>PSYCH 31</td>
<td>Human Sexuality</td>
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<td>PSYCH 31</td>
<td>Gender and Behavior</td>
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<td>Feminine and Masculine</td>
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<tr>
<td>Plus 12 units from the following</td>
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<tr>
<td>PSYCH 22</td>
<td>Social Psychology</td>
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<td>Personal and Social Adjustment</td>
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<td>ECE 3</td>
<td>Childhood and Adolescent Behavior</td>
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<td>PSYCH 41</td>
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</table>

Students majoring in an AA degree must complete a minimum of 18 units in General Education requirements, the multidisciplinary graduation requirement, and the health requirement, in addition to the program units listed above. Students must complete a total of 60 degree applicable units to earn an AAAS. Please see your counselor for additional information.

186. C.L.M. Advisories: Computer Literacy: recommended basic computer skills. Language: recommended eligibility for English 1A. Mathematics: recommended eligibility for Math 1A.

2018-2019 Catalog
<table>
<thead>
<tr>
<th>Program</th>
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<td><strong>Human Sexuality &amp; Sexual Behavior</strong></td>
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<td><strong>Abnormal Psychology</strong></td>
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<td><strong>Research Methods in Psychology</strong></td>
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<td><strong>Critical Thinking &amp; Writing</strong></td>
<td>ENGL 18</td>
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<td><strong>Human Sexuality OR</strong></td>
<td>PSYCH 12</td>
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<td><strong>Personal and Social Adjustment</strong></td>
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<td><strong>Abnormal Psychology OR</strong></td>
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<td><strong>Psychology Electives</strong></td>
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<td><strong>General Psychology</strong></td>
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<td><strong>Research Methods in Psychology</strong></td>
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<td><strong>Math</strong></td>
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<td><strong>Language</strong>:</td>
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<tr>
<td><strong>Punjabi</strong></td>
<td>PUNJ 1</td>
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<td><strong>Intermediate Punjabi</strong></td>
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<td></td>
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</table>

**Courses and Requirements**

- **General Psychology**: PSYCH 1A, 3 units, 54 lecture hours, Transferable to CSU/UC
- **Research Methods in Psychology**: PSYCH 7, 3 units, 54 lecture hours
- **Human Sexuality & Sexual Behavior**: PSYCH 12, 3 units
  - 54 lecture hours, Transferable to CSU/UC
  - C-ID PSY 130
- **Abnormal Psychology**: PSYCH 46, 3 units
  - 54 lecture hours, Transferable to CSU/UC
- **Critical Thinking & Writing**: ENGL 18, 3 units
- **Gender and Behavior**: PSYCH 31, 3 units
- **Human Sexuality**: PSYCH 12, 3 units
- **Personal and Social Adjustment**: PSYCH 33, 3 units
- **Abnormal Psychology**: PSYCH 46, 3 units
- **Research Methods in Psychology**: STAT 1, 3 units
- **Computer Literacy**: ENGL 18, 3 units
- **Language**: PUNJ 1, 3 units, 54 lecture hours
- **Intermediate Punjabi**: PUNJ 2, 3 units, 54 lecture hours

**Course Descriptions**

- **Human Sexuality & Sexual Behavior**: This course examines the field of human sexuality. Students will learn about sexual attitudes, values, behaviors, and the consistency of their own sexual behaviors within their moral frameworks. Students will be encouraged to explore their own sexual attitudes, behaviors, and encourage awareness of their sexual attitudes, values, and behaviors.
- **Abnormal Psychology**: An integrative survey of abnormal behavior, intervention, and prevention strategies for psychological disorders. Topics include: aggression, prejudice, stereotypes, personality, the social group, ethical, historical, and socio-economic factors. Students will develop an understanding of psychological principles related to people's behavior and the social group.
- **Research Methods in Psychology**: An introduction to research methods and design will be surveyed. Data collection and analysis, and reporting procedures are covered. This course considers individual human behavior in relation to the social environment. The power of the situation, other individuals, and the social group will be examined. Emphasized topics include: aggression, prejudice and stereotypes, interpersonal attraction, attitudes and attitude change, conformity, group phenomena, gender roles, cultural norms, person perception, and social cognition. Grades are P/NP option.
- **Punjabi**: Continuation of Punjabi 1. Development of four basic language skills: speaking, listening, reading, and writing. Emphasis on mastery of language skills for the developing student. Students earning an AA-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC (CSU version), all courses in the major with a minimum transferable cumulative GPA of 2.0.

**Degree Requirements**

- **Total units required for degree major**: 20 units
- **Required Courses**: 3 units
- **Transferable to CSU**:
  - PSYCH 1A, General Psychology
  - STAT 1, Introduction To Statistical Methods

**Additional Requirements**

- **Mathematics**:recommended basic computer skills.
- **Language**: recommended eligibility for English 1A. Mathematics: recommended eligibility for Math 52.
Radiologic Technology

Accredited by the State of California Department of Public Health, Radiologic Health Branch and the Joint Review Committee on Education in Radiologic Technology. Upon completion of this program, the student will receive a Certificate of Achievement and is eligible to take the required California State Certification Examination which will qualify the graduate (passor) as a California Certified Radiologic Technologist and also the American Registry of Radiologic Technologist which qualifies the graduate (passor) as a Registered Technologist R.T. in Radiology.

Since enrollment is currently limited, applications are not being accepted at this time until further notice. Students are encouraged to review the website at: http://radtech.yccd.edu and make an appointment with a Yuba College counselor for advice on eligibility.

MINIMUM CRITERIA FOR ADMISSION

1. High School graduation or equivalent.
2. Completion of a “C” or better grade: Biology: A. Biology 5, Chemistry 1A or 2A, Mathematics 52 or higher. 
3. High School graduation or equivalent.
4. Upon completion of the program, students will model professionalism and ethics.

Student work and clinical experience is required in an area of Radiologic Technology. Completion of a program requirement beyond the Associate in Science degree in Radiologic Technology.

Required Courses

<table>
<thead>
<tr>
<th>Courses</th>
<th>Units</th>
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<tbody>
<tr>
<td>RADT 55 Introduction to Radiologic Sciences</td>
<td>1</td>
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<tr>
<td>First Spring Semester</td>
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<tr>
<td>RADT 1 Introduction to Radiologic Sciences and Health Care</td>
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<td>First Fall Semester</td>
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<tr>
<td>RADT 2 Radiation Physics and Equipment</td>
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<tr>
<td>RADT 3A Radiographic Procedures 1</td>
<td>3</td>
</tr>
<tr>
<td>RADT 6A Radiologic Technology Internship 1</td>
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<td>Second Spring Semester</td>
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<tr>
<td>RADT 3B Radiographic Procedures 2</td>
<td>3</td>
</tr>
<tr>
<td>RADT 4 Principles of Radiation Exposure and Equipment</td>
<td>2</td>
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<tr>
<td>RADT 6B Radiologic Technology Internship 2</td>
<td>4.5</td>
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<td>First Summer Session</td>
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<td>RADT 6C Radiologic Technology Internship 3</td>
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<td>Second Fall Semester</td>
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<td>RADT 3C Radiographic Procedures 3</td>
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<td>RADT 6D Radiologic Technology Internship 4</td>
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<tr>
<td>RADT 7 Advanced Radiologic Studies</td>
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<td>RADT 8 Radiographic Pathology and Image Critique</td>
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<td>RADT 3D Radiographic Procedures 4</td>
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<td>RADT 9 Advanced Modalities</td>
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<td>RADT 6E Radiologic Technology Internship 5</td>
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<td>RADT 12 Radiologic Technology Board Review</td>
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<td>Total units required for degree major</td>
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</table>

*Courses must be completed with a grade of “C” or better before or during the indicated semester to progress in the program.

RADT 1 Fundamentals of Radiologic Science and Health Care 72 lecture hours
Other: Acceptance into the Radiologic Technology Program.
Transferable to CSU

Introduction to the field of Radiologic Technology. Basic imaging principles, patient diversity and care, medical ethics and laws, the clinical environment, basic pharmacology, and communication.

RADT 2 Radiation Physics and Equipment 4 units
72 lecture hours
Other: Acceptance into Radiologic Technology Program.
Transferable to CSU

Introduction to radiation physics; fundamentals of x-ray equipment; x-ray production and x-ray beam characteristics.

RADT 3A Radiographic Procedures 1 3 units
36 lecture hours, 54 lab hours
Other: Acceptance into the Radiologic Technology Program.
Transferable to CSU

Knowledge and skills necessary to perform standard radiographic procedures that are of optimal diagnostic quality. Skills necessary for image critique. Areas studied: thorax, abdomen, pelvis and upper and lower extremities.

RADT 3B Radiographic Procedures 2 3 units
36 lecture hours, 54 lab hours
Other: Acceptance into the Radiologic Technology Program.
Transferable to CSU

Knowledge and skills necessary to perform standard radiographic procedures that are of optimal diagnostic quality. Skills necessary for image critique. Areas studied: spine, skull, facial bones. Trauma exams. Use of portable machine and radiography in the OR.

RADT 3C Radiographic Procedures 3 3 units
36 lecture hours, 54 lab hours
Other: Acceptance into the Radiologic Technology Program.
Transferable to CSU

Knowledge and skills necessary to perform advanced radiographic procedures; advanced image critique; advanced imaging modalities.

RADT 3D Radiographic Procedures 4 2 units
36 lecture hours
Other: Acceptance into the Radiologic Technology Program.
Transferable to CSU

Critical thinking skills necessary to obtain the best radiographic image in various situations.

RADT 4 Principles of Radiation 2 units
36 lecture hours
Other: Acceptance into Radiologic Technology Program.
Transferable to CSU

Critical thinking skills necessary to obtain the best radiographic image in various situations.

Other: Acceptance into Radiologic Technology Program.
Transferable to CSU

Principles of the interaction of ionizing radiation with the living system; effects on biological molecules and organisms and factors affecting biological response; radiation protection responsibilities of the radiographer for patients, personnel and the public.

RADT 5 Principles Radiation Exposure & Equipment 4 units
72 lecture hours
Other: Acceptance into Radiologic Technology Program.
Transferable to CSU

Knowledge of factors that govern and influence the production of the radiographic image; digital radiography image production and review. Picture archiving and communication systems, PACS

RADT 6A Radiologic Technology Internship 1 5.5 units
300 lab hours
Other: Acceptance into the Radiologic Technology Program.
Transferable to CSU

Beginning radiologic experience in clinical facilities under the supervision of the college instructor, staff technologists, and clinical instructors. Basic development of skills in correlation with current radiologic practices. Rotation in various facilities. Grades are P/NP.

RADT 6B Radiologic Technology Internship 2 4.5 units
260 lab hours
Other: Acceptance into Radiologic Technology Program.
Transferable to CSU

Beginning radiologic experience in clinical facilities under the supervision of the college instructor, staff technologists, and clinical instructors. Enhanced development of skills in correlation with current radiologic practices. Rotation in various facilities. Grades are P/NP option.

RADT 6C Radiologic Technology Internship 3 7 units
390 lab hours
Other: Acceptance into Radiologic Technology Program.
Transferable to CSU

Intermediate radiologic experience in clinical facilities under the supervision of the college instructor, staff technologists, and clinical instructors. Enhanced development of skills in correlation with current radiologic practices. Rotation in various facilities. Grades are P/NP.

RADT 6D Radiologic Technology Internship 4 8 units
436 lab hours
Other: Acceptance into Radiologic Technology Program.
Transferable to CSU

Advanced radiologic experience in clinical facilities under the supervision of the college instructor, staff technologists, and clinical instructors. Development of enhanced skills in correlation with current radiologic practices. Rotation in various facilities. Grades are P/NP.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<td>RADT 6E</td>
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<td>Internship 5</td>
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<td>Other: Acceptance into Radiologic Technology Program. Transferable to CSU. Advanced radiologic experience in clinical facilities under supervision by college instructor, staff technologists and radiologists. Increased development of skills in correlation with current radiologic practices. Rotation in various medical facilities. Grades are P/NP.</td>
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<td>Other: Acceptance into Radiologic Technology Program. Transferable to CSU. Radiologic experience in clinical facilities under the supervision of the college instructor, staff technologists, and radiologists. For those students deficient in clinical hours or competencies. Grades are P/NP. (L)</td>
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<td></td>
<td></td>
<td>Other: Acceptance into Radiologic Technology Program. Transferable to CSU. Injuries and abnormalities most frequently encountered in Radiologic Technology. Key anatomy and physiology principles, imaging considerations for each disease, and its radiographic appearance, signs and symptoms, and treatment.</td>
</tr>
<tr>
<td>RADT 14</td>
<td>Radiographic Informatics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>54 lecture hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Corequisite: RADT 6D. An introduction to computer applications in a health care setting: Topics include acquiring, accessing and updating patient information, displaying, modifying, sending and retrieving images, and the safeguarding of patient confidentiality. (L,M)</td>
</tr>
<tr>
<td>RADT 55</td>
<td>Introduction to Radiologic Sciences</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>18 lecture hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Other: Acceptance into the Radiologic Technology Program. Introduction to the field of Radiologic Sciences and the interactions with medicine and other medical specialties. Refresher course for program prerequisites. Grades are P/NP.</td>
</tr>
<tr>
<td>RADT 56</td>
<td>Introduction to Internship</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>108 lecture hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Other: Acceptance into the Radiologic Technology Program. Introduction to the Radiologic Technology Program clinical requirements, clinical and administrative policies and procedures, equipment and basic patient interaction. Grades are P/NP.</td>
</tr>
<tr>
<td>RADT 6F</td>
<td>Radiologic Technology v-5.4.5</td>
<td></td>
<td>Internship – Elective</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>27-243 lab hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Other: Acceptance into Radiologic Technology Program. Transferable to CSU. Radiologic experience in clinical facilities under the supervision of the college instructor, staff technologists, and radiologists. For those students deficient in clinical hours or competencies. Grades are P/NP. (L)</td>
</tr>
</tbody>
</table>

### Sign Language

**SIGN 1** American Sign Language 1 4 units
Transferable to CSU/UC - UC Unit Limit
This is the first course in a series of four courses in the fundamentals of American Sign Language (ASL) used by the Deaf community, including basic vocabulary, syntax, numbers, fingerspelling, and grammatical non-manual markers. The instructional activities are based on an immersion approach, in which the students develop language competency in source and target language, cultural knowledge, and an increased understanding of the Deaf community. Students are expected to participate in Deaf community events. Instructional materials will be in English. Students are strongly recommended to co-enroll in ASL 61 (Fingerspelling and Numbers 1). **SIGN 2** American Sign Language 2 4 units
Transferable to CSU/UC - UC Unit Limit
This is the second course in a series of four courses in the fundamentals of American Sign Language (ASL) used by the Deaf community, including basic vocabulary, syntax, numbers, fingerspelling, and grammatical non-manual markers. The instructional activities are based on an immersion approach, in which the students develop language competency in source and target language, cultural knowledge, and an increased understanding of the Deaf community. Students are expected to participate in Deaf community events and read instructions in English. It is recommended that students co-enroll in ASL 61 (Fingerspelling and Numbers 1) if they have not already taken it. **SIGN 3** American Sign Language 3 4 units
Transferable to CSU/UC - UC Unit Limit
This is the third course in a series of four courses in the fundamentals of American Sign Language (ASL) used by the Deaf community. This course furthers students' study of vocabulary, syntax, classifiers and narrative form. The instructional activities are based on an immersion approach in which the students develop language competency in the target language, cultural knowledge, and an increased understanding of the Deaf community. Students are expected to participate in Deaf community events and read instructions in English. **SIGN 4** American Sign Language 4 4 units
Transferable to CSU/UC - UC Unit Limit
This is the fourth course in a series of four courses in the fundamentals of American Sign Language (ASL) used by the Deaf community. This course furthers students' study of vocabulary, syntax, classifiers and narrative form. The instructional activities are based on an immersion approach in which the students develop language competency in the target language, cultural knowledge, and an increased understanding of the Deaf community. Students are expected to participate in Deaf community events and read instructions in English.

### Social Science

#### Social Science (Associate in Arts)
Students completing this program should be able to:
1. Identify major theoretical orientations in the social and behavioral sciences
2. Describe and apply basic concepts regarding human behavior, society, and culture
3. Utilize the principles of social scientific methods to generate and evaluate hypotheses about human behavior and culture
4. Appreciate the diversity of human behaviors and cultures across time and space, as well as the more universal aspects of human experience.

#### Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHR 1</td>
<td>Physical Anthropology OR</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Cultural Anthropology</td>
<td></td>
</tr>
<tr>
<td>ECON 1A</td>
<td>Elementary Economics-Macro</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 1</td>
<td>Physical Geography OR</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 2</td>
<td>Cultural Geography</td>
<td>3</td>
</tr>
<tr>
<td>POLS 1</td>
<td>Introduction to Political Science</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 1A</td>
<td>General Psychology OR</td>
<td>3</td>
</tr>
<tr>
<td>SOCIAL 1</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>ANY History</td>
<td>History Class</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total units required for degree major ..............................................</td>
<td>18</td>
</tr>
</tbody>
</table>

Students earning an AA/AS degree must complete a minimum of 18 units of the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.
Programs and Courses

Sociology

SOCIOL 5 Sociology of Race and Ethnicity 3 units
54 lecture hours
Transferable to CSU/UC
C-ID SOCI 150
Examines the social construction of categories of race and ethnicity in society. Focus on inequality and the impact of racial categorization on everyday life through institutions such as the labor market, schools, residential segregation, healthcare, media, and the criminal justice system. (L)

SOCIOL 6 Sociology of Sex and Gender 3 units
54 lecture hours
Transferable to CSU/UC
C-ID SOCI 140
Sociological analysis of the construction, reproduction, and consequences of sex categories and gender roles. Emphasis on how gender designation of “male” and “female” impacts an individual’s life, including the construction of gender differences in job and leisure activities, sexual harassment, hate crimes, wage differentials and unequal opportunities. (L)

SOCIOL 8 Social Science Research Methods 3 units
54 lecture hours
Transferable to CSU/UC
C-ID SOCI 120
Covers basic issues in the design and implementation of social science research. Topics include the scientific method, ethics, research design, basic descriptive and inferential statistics, and qualitative quantitative methodologies. Completion or current enrollment in STAT 1 strongly advised. (L/M)

SOCIOL 10 Sociology of Marriage and Family 3 units
54 lecture hours
Transferable to CSU/UC
C-ID SOCI 140
Sociological analysis of the construction, reproduction, and consequences of sex categories and gender roles. Emphasis on how gender designation of “male” and “female” impacts an individual’s life, including the construction of gender differences in job and leisure activities, sexual harassment, hate crimes, wage differentials and unequal opportunities. (L)

SOCIOL 30 Aging Concepts and Issues 3 units
54 lecture hours
Transferable to CSU/UC
C-ID SOCI 115
Survey of social problems in present-day American culture and application of sociological theory and analysis to issues such as poverty, racism, crime, healthcare, education, and the environment. (L)

Required Courses

SOCIAL 1 Introduction to Sociology 3 units
54 lecture hours
Transferable to CSU/UC
C-ID SOCI 110
Basic principles and concepts of sociology including culture, socialization, organizations, institutions, stratification, collective behavior, and social change. (L)

SOCIAL 2 Social Problems 3 units
54 lecture hours
Transferable to CSU/UC
C-ID SOCI 115
Survey of social problems in present-day American culture and application of sociological theory and analysis to issues such as poverty, racism, crime, healthcare, education, and the environment. (L)

Programs and Courses

Spanish

SPAN 1 Elementary Spanish Part 1 4 units
72 lecture hours
Transferable to CSU/UC - UC Unit Limit
Introduction to the language and culture of the Spanish-speaking world. It includes the development of listening, speaking, reading and writing in Spanish with an emphasis on the communicative skills as well as the fundamentals of Spanish grammar. This course is equivalent to one year high school Spanish. (L)

SPAN 2 Elementary Spanish Part 2 4 units
72 lecture hours
Prerequisite: Satisfactory completion of SPAN 1 or one year of high school Spanish or placement exam: students must score 70% or higher on a placement test administered by the Spanish Department.

Transferable to CSU/UC - UC Unit Limit
A continuation of Spanish 1. Provides further basic communication skills through listening, speaking, reading, and writing. This course introduces the present perfect, the conditional, the future, and the subjunctive verb forms. It includes practice at the intermediate level and review of the fundamentals of Spanish grammar. (L)

SPAN 3 Intermediate Spanish Part 1 4 units
72 lecture hours
Prerequisite: Satisfactory completion of SPAN 2 or two years of high school Spanish or placement exam: students must score 70% or higher on a placement test administered by the Spanish Department.

Transferable to CSU/UC - UC Unit Limit
First of two semesters of intermediate Spanish. This course provides intermediate level communication skills through listening, speaking, reading, and writing in a cultural context with special emphasis on communication. (L)

SPAN 4 Intermediate Spanish Part 2 4 units
72 lecture hours
Prerequisite: Satisfactory completion of SPAN 3 or three years of high school Spanish or placement exam: students must score 70% or higher on a placement test administered by the Spanish Department.

Transferable to CSU/UC
This is a fourth semester course in Spanish designed to review the grammar, vocabulary, and composition acquired in the first three semesters. Contextualized and culturally appropriate exercises and readings of modern literature in Spanish are used to reinforce knowledge of the language and culture. (L)

SPAN 10 Spanish for Heritage Students 4 units
72 lecture hours
Other: Oral fluency in Spanish. In order to succeed in this course, students must possess oral fluency in Spanish and the ability to understand readings and writings in Spanish or by placement exam.

Transferable to CSU/UC - UC Unit Limit
Speaking, reading and writing in Spanish, targeted to heritage students with oral fluency. Readings pertinent to the culture, history and literature of Hispanics in the United States, Latin America and Spain. Compositions exploring personal, political, and cultural issues, as well as analysis of Spanish and Latin American literary pieces. Exploration of grammatical concepts and accentuation and pronunciation rules. Class is conducted entirely in Spanish. Periodic exams and compositions. (L)

SPAN 20B Spanish for Heritage Students 4 units
72 lecture hours
Prerequisite: Satisfactory completion of SPAN 20A and fluency in Spanish.

Transferable to CSU/UC - UC Unit Limit
This course, which is conducted in Spanish, is the second of a two-semester sequence designed for fluent Spanish of Spanish who are proficient in the language, but who have had little or no formal language training. (L)

SPAN 35 Latin American Literature in Translation 3 units
54 lecture hours
Transferable to CSU/UC
Study of representative works of Latin-American literature. Reading and lectures are in English. Students with oral fluency. (L)

SPAN 36 Literatura Hispano- Americana 3 units
54 lecture hours
Transferable to CSU/UC
Study of major works of Latin-American literature. Readings, lectures and discussions of major works in Spanish by Colombian, Mexican, Uruguayan, Chilean, and other Latin-American students. Students who enroll should be able to read and participate in the class discussions in Spanish.
COMMUNICATION STUDIES (Associate in Science)

**Students who complete this program should be able to:**
1. Demonstrate the communication skills necessary to engage in personal, professional, civic, and social relationships.
2. Demonstrate and apply critical thinking skills in a variety of communication studies contexts.

**Required Courses**

**Units**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPECH 3</td>
<td>Argumentation and Critical Thinking</td>
<td>3</td>
</tr>
<tr>
<td>SPECH 4R</td>
<td>Speech Arts Workshop</td>
<td>3</td>
</tr>
<tr>
<td>COMM 120</td>
<td>Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total units required for degree major:** 18

Students earning an AA/AS degree must complete a minimum of 18 units of General Education, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA/AS. Please see your counselor for additional information.

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**Speech**

**COMMUNICATION STUDIES**

**Public Speaking**

**Units**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPECH 2</td>
<td>Oral Interpretation of Literature</td>
<td>3</td>
</tr>
<tr>
<td>SPECH 7</td>
<td>Interpersonal Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total units required for degree major:** 6

Students earning an AA-T/AS-T degree must complete 60 semester units of general education.

**Required Courses**

**Units**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1</td>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 51</td>
<td>Advanced English Composition</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 121</td>
<td>Advanced Composition</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total units required for degree major:** 9

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**THEATRE ARTS**

**Classes with “R” can be taken a total of four times but are subject to Family of Classes restrictions on page 199.

**THEATRE ARTS (Associate in Arts)**

**Students who complete this program should be able to:**
1. Effectively use language, written and oral, and non-verbal communication in performances, critiques, and technical collaboration to facilitate theatre production and group projects.
2. Apply research to the creative and professional process.
3. Demonstrate understanding and application of skills related to theatre arts in the following areas: performance, scenography, theatre production, and theatre studies.
4. Demonstrate the ability to work as an ensemble member of a theatre company by meeting professional expectations, following safety production practices, and being respectful of the opinions, feelings, and values of others.
5. Analyze global issues, moral dilemmas, cultural competencies, and social systems as encountered through work in Theatre Arts.
6. Assess and apply other production material in addressing and evaluating problems and issues in making creative choices.

**Required Courses**

**Units**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THART 10</td>
<td>Introduction to Theatre</td>
<td>3</td>
</tr>
<tr>
<td>THART 11A</td>
<td>Introduction to Acting</td>
<td>3</td>
</tr>
<tr>
<td>THART 29</td>
<td>Theatre</td>
<td>3</td>
</tr>
<tr>
<td>THART 12A</td>
<td>Advanced Studies in Acting</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total units required for degree major:** 18

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**Statistics**

**STAT 1 Introduction to Statistical Methods**

**Units**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 542</td>
<td>Advanced English Composition</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 121</td>
<td>Advanced Composition</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 122</td>
<td>Advanced Composition</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total units required for degree major:** 18

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**C-ID COMM 150**

The study of intercultural communication theory relates to perception, context, language, verbal, nonverbal messages, and adaptation. Emphasis will be placed on developing effective intercultural communication skills. Students will demonstrate effective intercultural communications skills by oral presentations, and group/interpersonal interactions. (L)

**SPECH 12 Multicultural Communication**

**Units**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-ID COMM 150</td>
<td>Transferable to CSU/C</td>
<td>6</td>
</tr>
</tbody>
</table>

**Total units required for degree major:** 18

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**Programs and Courses**

**2018-2019 Catalog**
Field trips and/or attendance of live performances may be required. Students who have the skills and experience to perform and/or are recommended eligibility for English 1A.

Prerequisite: Satisfactory completion of: THART 11A or THART 29R or audition based prerequisite challenge.

Satisfactory completion of: THART 11A or THART 45A. Grades are P/NP option.

Prerequisite: satisfactory completion of: THART 11A.

Transferable to CSU/UC.

45 lecture hours, 27 lab hours

Prerequisite: Satisfactory completion of: THART 11A.

Transferable to CSU/UC.

C-ID THTR 152

This course continues Introduction to Acting (Thart 11A), further developing the students' understanding of the theories and techniques used in the interpretation of drama through acting. The emphasis will be placed on deepening the understanding of the acting process through character analysis, monologues, scenes, pantomime, stage movement, imagination, improvisation, and verse study. Increased emphasis is also placed on acting in more complex scenes and plays. Students will engage in in-depth scenic analysis of classical plays. Grades are P/NP option.

THART 12B—Intermediate Studies in Acting I

3 units

In Acting II

45 lecture hours, 27 lab hours

Prerequisite: Satisfactory completion of: THART 12A.

Transferable to CSU/UC.

C-ID THTR 151

This course prepares students to apply basic acting theory to performance and develops the skills of interpretation of drama through acting. Special attention is paid to skills for performance, such as memorization, stage movement, vocal production, diction, improvisational technique, characterization, scene study, and interpretation of text. Several monologues and scenes will be developed and presented in class.

THART 11B—Introduction to Acting II

3 units

45 lecture hours, 27 lab hours

Prerequisite: Satisfactory completion of: THART 11A.

Transferable to CSU/UC.

C-ID THTR 152

This course continues Introduction to Acting (Thart 11A), further developing the students' understanding of the theories and techniques used in the interpretation of drama through acting. The emphasis will be placed on deepening the understanding of the acting process through character analysis, monologues, scenes, pantomime, stage movement, imagination, improvisation, and verse study. Increased emphasis is also placed on acting in more complex scenes and plays. Students will engage in in-depth scenic analysis of classical plays. Grades are P/NP option.

THART 29R—College Theatre

1-3 units

54-162 lab hours

Other; Audition; Than-29 is an intensive course designed to prepare Theatre Arts majors for careers in acting and/or performance production. In order to be fully successful in this course, students should already possess some knowledge of the art, technology, and social importance of film during the last 125 years; screenings of significant and representative documentary and experimental films from the silent to the modern era. Not open for credit to students with credit in ENGL 33 or HUM 33. Grades are P/NP option.

THART 33—History of Film

3 units

54 lecture hours

Transferable to CSU/UC

Survey of the motion picture history; traces the development of the art, technology, and social importance of film during the last 125 years; screenings of significant and representative documentary and experimental films from the silent to the modern era. Not open for credit to students with credit in ENGL 33 or HUM 33. Grades are P/NP option.

THART 34—Introduction to Film

3 units

54 lecture hours

Transferable to CSU/UC

Study of film as art and its influence on society, including interpretation, criticism, and technical developments; students view and discuss full-length feature films. Not open for credit to students with credit in ENGL 34 or HUMAN 34. (L)

THART 45A—Stagecraft I

3 units

36 lecture hours, 54 lab hours

Transferable to CSU/UC.

C-ID THTR 171

Practices, terminology, and organization of contemporary theatre technology; exercises in construction and implementation of all technical aspects of production (sets, lighting, sound, costumes, properties, stage management, make-up). Integrated with Yuba College theatre productions.

THART 45B—Production and Technical Theatre I

3 units

36 lecture hours, 54 lab hours

Transferable to CSU/UC

Students will be offered a survey of scenery, lighting, sound, costumes, makeup, properties, theatrical equipment and construction techniques through demonstration and laboratory experience. Information is applicable to all formal theatrical applications. The course will introduce best practices for, terminology, and organization of contemporary theatre technology. Students will participate in exercises in construction and implementation of all technical aspects of production (sets, lighting, sound, costumes, properties, stage management, make-up). Grades are P/NP option.

THART 45C—Production and Technical Theatre II

3 units

36 lecture hours, 54 lab hours

Transferable to CSU/UC

This course involves the study and execution of stagecraft with a focus on stage lighting and emphasis on equipment, control, color and their relationship to design. Grades are P/NP option.
Program Progression: The Veterinary Technology Program is designed for students who have completed or will complete, at the time of application, at least 90 units of coursework building on the pre-requisite technology courses. Therefore, all required courses must be taken in the sequence listed below. Students will be notified of their preliminary acceptance into the Program by June 15th. This Orientation, held on a Saturday in May, is a one day exploration into the teaching formats, students will need an e-mail address that they check daily in order to receive important course information. Additionally, our program utilizes computerized record systems and requires the use of computer skills. Therefore, it is strongly recommended that students entering the Veterinary Technology Program be computer literate and have access to a reliable internet connection.

Other Requirements: Students in the Veterinary Technology Program are required to complete various off site hospital training internships specific to each individual facility utilized by the Program. These training hours are mandatory and in excess to required individual course hours. Travel will be required of all students.

Program Orientation: The Veterinary Technology Program student can expect to receive anOrientation packet in May, is a one day exploration into the teaching formats, students will need an e-mail address that they check daily in order to receive important course information. Additionally, our program utilizes computerized record systems and requires the use of computer skills. Therefore, it is strongly recommended that students entering the Veterinary Technology Program be computer literate and have access to a reliable internet connection.

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Other Requirements: Students in the Veterinary Technology Program are required to complete various off site hospital training 2018-2019 Catalog
Public Health Option: Completion of VETT 52 Human Animal Bond, VETT 540 Human Health and Infectious Disease, VETT 571 Animal Society, completion and submission of an original public health/food safety research project, and at least 4 units of VETT 5 as a public health or food hygiene internship.

Shelter Medicine Option: Completion of VETT 52 Human Animal Bond, VETT 56 Shelter Medicine, VETT 57 Animals and Society, completion and submission of an original shelter medicine research project, and at least 4 units of VETT 5 as a shelter medicine internship.

Small Animal Emergency and Critical Care Option: Completion of VETT 51 Veterinary Emergency and Critical Care, VETT 52 Human Animal Bond, VETT 57 Animals and Society, completion and submission of an original emergency and critical care research project, and at least 4 units of VETT 5 as an emergency or critical care internship.

Veterinary Assistant/Receptionist Certificate
The Veterinary Assistant course of study is a fully on-line Certificate of Achievement that provides the course work, direction and work experience necessary to prepare students or augment existing skills to develop knowledge and self confidence working with animals as a veterinary assistant, receptionist, pet shop, kennel, animal control or animal shelter worker. Students learn effective communication techniques, veterinary terminology, procedures for medical records and admitting/discharging patients, animal behavior basics, inventory management and ordering techniques, how to deal with difficult clients, book keeping skills, animal restraint, animal grooming, administration of medication and veterinary medical assisting. 

Valuable members of the veterinary medical team, the veterinary assistant works under the supervision of the Registered Veterinary Technician and veterinarian to facilitate the delivery of quality medical care to their animal patients. Students will learn via the Internet, on-line discussion groups, videotaped presentations and textbooks. This convenient distance learning program is ideal for the working professional and allows for more flexibility than a traditional college curriculum and is designed to allow students to complete the Certificate of Achievement in just one year. In addition to providing the necessary information to upgrade current job skills for those already employed in the veterinary setting, this course of study also provides an excellent preparation for the individual interested in applying to the VT Program. http://vetttech.ycjc.edu/veterinary-assistant.aspx

VETERINARY ASSISTANT/RECEPTIONIST (Certificate of Achievement)
Students who complete this program should be able to:
1. Apply critical thinking skills when confronted with issues and problems in veterinary medical practice.
2. Display behavior consistent with the highest professional ethics to foster personal growth and civic responsibility.
3. Demonstrate competence in the husbandry, restraint, and handling of animals to include knowledge of normal and abnormal life processes and the common medical procedures performed in veterinary medical practice.

Required Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>VETT 5</td>
<td>Veterinary Technology Internship</td>
<td>2 units</td>
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<tr>
<td>VETT 6</td>
<td>Veterinary Workplace Safety</td>
<td>3 units</td>
</tr>
<tr>
<td>VETT 7</td>
<td>Veterinary Business Applications</td>
<td>3 units</td>
</tr>
<tr>
<td>VETT 55</td>
<td>Veterinary Medical Terminology</td>
<td>3 units</td>
</tr>
<tr>
<td>VETT 91</td>
<td>Veterinary Assisting</td>
<td>1 unit</td>
</tr>
</tbody>
</table>

Three units from the following:

AG 11 | Agricultural Accounting | 3 units |
AG 44 | Horse Production | 3 units |
AG 45 | Principles of Animal Science | 3 units |
AG 45L | Principles of Animal Science | 3 units |
BIOL 10 | General Biology OR | 3 units |
BIOL 10S | General Biology | 4 units |
GNBUS 52 | Business English | 3 units |
VETT 8 | Large Animal Medicine and Nursing | 3 units |
VETT 9 | Laboratory Animal Medicine | 2 units |
VETT 10 | Exotic and Wildlife Medicine | 1 unit |
VETT 12 | Introduction to Veterinary Medical Math | 1 unit |
VETT 14 | Veterinary Management of | Equine Reproduction | 3 units |
VETT 52 | Human Animal Bond | 3 units |
VETT 54 | Public Health & Infectious Disease | 3 units |
VETT 56 | Shelter Medicine | 3 units |
VETT 57 | Veterinary Technology Board Review | 2 units |

Total units required: 17

Additional requirements: VETT 5 Internship will be held at an approved animal care facility.

VETT 1 | Introduction to Veterinary Technology | 3 units |

54 lecture hours

54 lecture hours

Veterinary Physiology and Anatomy
Prerequisite: Satisfactory completion of: VETT 4 Decrease to: C5U
Gross anatomy and physiology of domestic animals. Includes the study of body systems such as skeletal, muscular, integumentary, respiratory, nervous, circulatory, excretory, reproductive, endocrine and digestive. Also includes physiologic principles of certain pathological problems and surgical conditions. Application of normal physiology as it pertains to anatomy, animal health and disease. (L,M,C)

VETT 2L | Veterinary Anatomy Laboratory | 2 units |
108 lab hours

VETT 2 | Veterinary Physiology and Anatomy | 3 units |

54 lecture hours

54 lecture hours

Veterinary Technology Internship

VETT 3 | Pharmacology for Veterinary Technicians | 3 units |

54 lecture hours

54 lecture hours

Transferable to CSU

Concepts of veterinary anesthesia and pharmacology to include agents used pre-anesthesics, induction agents, and general anesthesia, the physiological impacts of anesthesia on the body, patient prep, high-risk patients and complications, Pharmacometrics in animals, principles and mechanism of drug action, drugs and their classifications. (L,M)

VETT 4 | Clinical Laboratory Techniques | 3 units |

36 lecture hours, 54 lab hours

VETT 3 | Pharmacology for Veterinary Technicians | 3 units |

54 lecture hours

54 lecture hours

Transferable to CSU

Studies of the laboratory techniques and procedures employed in evaluating clinical diagnostic samples. Emphasis will be placed on procedures common to veterinary medicine including hematology, serum chemistry, urinalysis, cytokines, immunology, parasitology and microbiology. Topics include: the safe and proper collection of diverse samples, microbial culture, methods of sample analysis, and the significance of normal and abnormal results. (L,M)

VETT 5A | Veterinary Technology Internship A | v1-4 units |

54-216 lab hours

VETT 5B | Veterinary Technology Internship B | v1-4 units |

54-216 lab hours

Prerequisite: Satisfactory completion of: VETT 91 Transfer to: CSU

Introduction to the application of veterinary technology procedures at off-campus internship sites under direct supervision of a veterinarian or a registered veterinary technician. Internship sites include veterinary hospitals and clinics, research, and shelters. Rotation through various facilities is required. Apply clinical application of anatomy and physiology, interpersonal skills and team building. (L,M,C)

Programs and Courses

2018-2019 Catalog
Programs and Courses

**VETT 6** Veterinary Workplace Safety 3 units
54 lecture hours
Transferable to CSU
Introduces veterinary hospital staff to occupational health and safety unique to veterinary medicine. Topics include risk assessment, protective safety measures, current OSHA standards, safe use of hazardous materials, and preventive medicine for personnel engaged in the care and use of animals. (L)

**VETT 7** Veterinary Business Management 3 units
54 lecture hours
Transferable to CSU
Introduction for the first year Veterinary Technology student to veterinary practice management. Standard office procedures with an emphasis in client relations, education, practice management and computer skills. Ethics in veterinary medicine as well as state and federal regulations governing veterinary practices. (L,M)

**VETT 8** Large Animal Care and Nursing 3 units
54 lecture hours
Transferable to CSU
Emphasis on the physical exam, restraint, sample collection, bandaging, emergency treatment, surgical and obstetrical problems and decontaminations, restraint, herd health and lameness topics for farm animals. (L)

**VETT 9** Laboratory Animal Medicine 3 units
54 lecture hours
Transferable to CSU
Introduces laboratory to animal medicine. Survey of feeding, common management practices, and care of laboratory animals in a clinical setting. Appropriate methods of animal handling, management practices, research techniques, husbandry, nursing, care and observation of laboratory species will be emphasized. Students will learn about the effect of attitudes towards animal research and legislation governing the use of animals in research. This course will provide information and handling skills which will help the student prepare for AALAS certification. (L,C)

**VETT 10** Exotic and Wildlife Medicine 3 units
54 lecture hours
Transferable to CSU
An overview of fundamentals of avian, exotic and wildlife husbandry, physiology, management, and medicine; includes appropriate methods of animal handling, restraint, husbandry, care and observation of exotic and wild species. (L)

**VETT 11** Veterinary Emergency and Critical Care 3 units
54 lecture hours
Transferable to CSU
Emphasizes the theoretical and practical aspects of assisting the veterinarian in the management of medical and trauma emergencies. Recognition and assessment of cardiovascular shock, respiratory crisis, gastrointestinal emergency, and musculoskeletal trauma. (L,M)

**VETT 12** Introduction to Veterinary Medical Math 2 units
36 lecture hours
Transferable to CSU
Applied mathematics as a fundamental communication and technical skill. Review of calculations involving decimals, ratios, fractions and unit conversions as utilized in medical practice for dosage determinations, administration of drugs, prescriptions and intravenous fluid infusion. Course includes analysis of written word problems and real-world case scenarios relevant to veterinary medical practice. (L,M,C)

**VETT 16** Professional Development Seminar 1 unit
18 lecture hours
Transferable to CSU
Introduction to the various skills needed for career building and professional development. The course will cover the differences between having a job and managing a career as well as how to link skills to job and mentorship. Students will learn the basics of resume construction, how to locate jobs, and how to interview successfully. Grades are FNPI. (L)

**VETT 18** Food Safety and Security 3 units
54 lecture hours
Transferable to CSU
Food safety is an important component of public health. This course presents the basic principles and practice of food safety. Topics include food microbiology, sanitation, hazard analysis and critical control points (HACCP), toxins, allergens and food defense. Aligned with International HACCP Alliance requirements, students who complete this course will be prepared for entry-level HACCP certification. (L)

**VETT 52** Human-Animal Bond 3 units
54 lecture hours
Using both anthropological and sociological perspectives, the course explores the unique social relationships humans share with other animals. Students explore the mutual impact humans and animals have on each other over time and across cultures. Learners will critically evaluate the social construction of attitudes towards animals and legislation governing the use of animals in research. This course will provide information and handling skills which will help the student prepare for AALAS certification. (L,C)

**VETT 53A** Vet Surgical Nursing and Anesthesia 4 units
36 lecture hours, 108 lab hours
Prerequisite: Satisfactory completion of: VETT 1 or VETT 4; VETT 2 and VETT 2L
Principles and techniques involving surgery and anesthesia. Includes preparation and identification of surgical instruments and equipment, routine surgical procedures, anesthesia induction and monitoring, post-surgical care, clean up and surgical record keeping. Graded on a Pass/No Pass basis. Students will participate in hands-on care of VT Program animals throughout the semester. Completion of a Capstone Project proposal is required. (L,M,C)

**VETT 53B** Veterinary Diagnostic Imaging 2 units
18 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: VETT 1 or VETT 4, VETT 2 and VETT 2L
Principles and techniques of radiographic imaging. Includes the production of x-rays, radiographic equipment, safety management, and radiographic quality. Also includes diagnostic radiographs and ultrasounds, positioning of patients, darkroom techniques and x-ray processing. (L,M,C)

**VETT 55** Veterinary Medical Terminology 3 units
54 lecture hours
This course guides learners through the process of reading, writing, and comprehending medical terminology used in the veterinary medical field including analysis and origin of word roots, prefixes and suffixes. Additionally word construction, definitions, and use of words related to the body systems are covered. Topics include the pronunciation, spelling and definition of word parts and vocabulary terms unique to the anatomy, clinical pathology, and treatment of animals. Lectures demonstrate the importance of proper vocabulary usage in patient records. (L,C)

**VETT 56** Shelter Medicine 3 units
54 lecture hours
This course explores the origin of animal shelters as well as pet population dynamics. Students will analyze data about animal shelter systems and operations, devising solutions for identified health and welfare concerns. Topics include: behavioral assessment, Infectious disease prevention and control, medical and emergency care. (L,C)

**VETT 57** Animals and Society 3 units
54 lecture hours
This interdisciplinary approach to examining the diverse roles of animals in society, the evolution of human attitudes toward animals, and the animal responses to humans. Emphasis will be placed on the role of animals in human society (anthrozoology), animal social construction, and the moral relationship of animals in human society. Directed independent study will provide the student with individual experiences in animal societal issues. Students will design and complete an independent study project. (L)

**VETT 59** Veterinary Technology Board Review 2 units
36 lecture hours
Review of pertinent subject matter in preparation for the National Board and California State Veterinary Technician Examinations. Includes a review of the California Statutes and Administrative Rules pertaining to veterinary medicine and an overview of all pertinent medical subjects as well as question analysis strategies. Also includes test taking skills, test anxiety reduction techniques and practice board exams; includes information on exam application processes. (L,C,L)

**VETT 91** Veterinary Assisting 3 units
54 lecture hours
Concepts of veterinary medicine needed to function effectively as a veterinary assistant, veterinary receptionist, kennel staff or animal shelter worker. This course does not lead to the AS Degree in Veterinary Technology but can be used as a step towards entry into that program. (L)

**VOCATIONAL NURSING**

2018-2019 Catalog
## WELDING TECHNOLOGIES

### WELDING TECHNOLOGIES (Associate in Science)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>WELD 50</td>
<td>Introduction to Structural Steel and Flux Cored Arc Welding</td>
<td>4</td>
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<tr>
<td>WELD 31</td>
<td>Arc Welding</td>
<td>2</td>
</tr>
<tr>
<td>WELD 83</td>
<td>GMAW/TIG Production Welding</td>
<td>4</td>
</tr>
<tr>
<td>WELD 85</td>
<td>Structural Design and Fabrication</td>
<td>4</td>
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### ADVANCED WELDING TECHNOLOGIES (Certificate of Achievement)

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<tr>
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<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>WELD 14</td>
<td>Advanced Shielded Metal Arc Welding (GMAW)</td>
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<tr>
<td>WELD 31</td>
<td>Arc Welding</td>
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<tr>
<td>WELD 20</td>
<td>Introduction to Gas Metal Arc Welding (GMAW)</td>
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<tr>
<td>WELD 12</td>
<td>Intermediate Shielded Metal Arc Welding (GTAW)</td>
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<tr>
<td>WELD 22</td>
<td>Intermediate Gas Metal Arc Welding (GMAW)</td>
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<tr>
<td>WELD 42</td>
<td>Intermediate Gas Tungsten Arc Welding (GTAW)</td>
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<tr>
<td>WELD 64</td>
<td>Intermediate Pipe Welding</td>
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<tr>
<td>WELD 50</td>
<td>Flux Core Welding</td>
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<tr>
<td>WELD 20</td>
<td>Blueprint and Specifications Reading</td>
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<tr>
<td>MFGT 20</td>
<td>Principles of Machine Shop</td>
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<tr>
<td>WELD 10</td>
<td>Introduction to Shielded Metal Arc Welding</td>
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<td>WELD 12</td>
<td>Intermediate Shielded Metal Arc Welding (GTAW)</td>
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<td>Introduction to Gas Metal Arc Welding (GMAW)</td>
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<td>Introduction to Structural and Flux Cored Arc Welding</td>
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### Required Courses

- DRAFT 20 Blueprint and Specifications Reading 3 units
- MFGT 20 Principles of Machine Shop 3 units
- WELD 10 Introduction to Shielded Metal Arc Welding 4 units
- WELD 12 Intermediate Shielded Metal Arc Welding 4 units
- WELD 20 Introduction to Gas Metal Arc Welding 4 units
- WELD 22 Intermediate Gas Metal Arc Welding 4 units
- WELD 40 Introduction to Gas Tungsten Arc Welding 4 units
- WELD 50 Introduction to Structural Steel and Flux Cored Arc Welding 4 units
- WELD 85 Structural Design and Fabrication 4 units

### Total units required: 37 units

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**Programs and Courses**

2018-2019 Catalog
Programs and Courses

WELD 52 Intermediate Structural Steel 4 units and Flux Cored Arc Welding (FCAW) 54 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: WELD 50
This course emphasizes improving skills in structural steel and flux cored arc welding (FCAW) practices. Related instruction will include: ferrous metal identification and welding characteristics, FCAW welding applications and variables, dual shield inert shielding gases and mixtures, troubleshooting FCAW equipment, and welding in all positions. Grades are P/NP option.

WELD 54 Advanced Flux Cored Arc Welding (FCAW) 2 units
18 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: WELD 52
This course covers fundamentals of pipe welding with emphasis on open groove pipe joints and joint preparation using oxy-fuel cutting, plasma cutting, and proper grinding techniques. The course emphasizes shielded metal arc welding (SMAW) but will introduce students to other welding processes related to welding pipe in all positions. Grades are P/NP option.

WELD 82 Pipe Welding Fundamentals 4 units
54 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: WELD 12
This course covers fundamentals of pipe welding with emphasis on open groove pipe joints and joint preparation using oxy-fuel cutting, plasma cutting, and proper grinding techniques. The course emphasizes shielded metal arc welding (SMAW) but will introduce students to other welding processes related to welding pipe in all positions. Grades are P/NP option.

WELD 84 GMAW/GTAW Production 4 units
54 lecture hours, 54 lab hours
This course is an introduction to gas tungsten arc welding (GTAW) and gas metal arc welding (GMAW). It covers plasma arc cutting, application of processes, and use of a track cutter. Students will be introduced to manual and Computer Numerical Control (CNC) plasma cutting. Grades are P/NP option.

WELD 84 Applied Fabrication Welding 4 units
54 lecture hours, 54 lab hours
This course focuses on project design, metal fabrication, and fabrication methods. Students will receive instruction on designing, cutting, assembling, and welding. Students will learn sheet metal design and fabrication techniques utilizing manual and automated equipment. Grades are P/NP option.

WELD 85 Structure Design and Fabrication 4 units
54 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: WELD 84
Other Projects are designed with CNC Equipment. Structural weld design and fabrication of weldments. Operation of mechanized iron workers, tubular benders and press brake operations and other fabrication equipment. Students will receive instruction on utilization of blueprints, welding symbols, cost estimation, and layout techniques, in regards to structural steel applications. Grades are P/NP option. (C)

WELD 88 Welding Technical Problems 4 units
54 lecture hours, 24 lab hours
Individualized instruction of special topics; including weld testing and certification, industry standards, A.N.S.I., A.W.S., A.P.I., S.M.E., research, and special welding processes and projects. Grades are P/NP option. (C)

WELD 89 Agriculture Welding 2 units
18 lecture hours, 24 lab hours
Emphasizes the development of minimum skill standards in welding. The SMAW (shielded metal arc welding), Oxy-Fuel Welding and OFC (oxy-fuel cutting) processes are covered. The qualification and certification standards for entry-level welders as established by The American Welding Society will be covered. Introduction to GMAW, GTAW, FCAW, Plasma Arc cutting and technologies in the welding industry. (L)

WELD 91 Industrial Welding 4 units
54 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: WELD 90
This course focuses on project design, metal fabrication, and fabrication methods. Students will receive instruction on designing, cutting, assembling, and welding. Students will learn sheet metal design and fabrication techniques utilizing manual and automated equipment. Grades are P/NP option.

Yuba College

DIANA ADAMS  
Foster Care Education/LP  
A.S., Yuba College;  
B.A., Single Subject English Credential, CSU Chico

TERESA ARONSON  
College Marketing and Promotion Coordinator  
A.A., Texas Lutheran University;  
B.A., University of Maryland

RAMINDER BAINS  
Administrative Secretary II  
B.A., Punjab University-India

ALEJANDRA BARNES  
Administrative Secretary II  
A.S., Yuba College

SHARON BATISTA  
Child Development Assistant  
A.S., Yuba College

BARBARA BELTRAN  
Financial Aid Technician  
A.S., Yuba College;  
B.S., CSU Sacramento

ERIKA BERNAL  
Child Development Assistant  
A.S., Yuba College

VICTORIA BISIAR  
Clerical Assistant  
A.S., Yuba College

SHARICE BONACHEA  
Student Services Technician  
B.A., CSU San Francisco

C. L. M. Advisories: Computer Literacy: recommended basic computer skills.  
Language: recommended eligibility for English I.A. Mathematics: recommended eligibility for Math 52.
<table>
<thead>
<tr>
<th>Title</th>
<th>Name</th>
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<tr>
<td></td>
<td>CASSEL LEAL</td>
<td>Research Analyst A.S., Yuba College; B.A., CSU Sacramento; M.P.A., CSU Chico</td>
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<td></td>
<td>GREGORY LOPIN</td>
<td>Athletic Trainer</td>
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<td></td>
<td>JOHN MARSH</td>
<td>Financial Aid Analyst B.A., Chapman University</td>
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<tr>
<td></td>
<td>TONY McDaniel</td>
<td>EOPS/CARE Specialist</td>
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<td>ROSEMARY MuKeeve</td>
<td>Instructional Associate-Language Arts</td>
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<td>RENEE MCKENZIE</td>
<td>Child Development Site Supervisor A.S., Yuba College</td>
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<td></td>
<td>CLAUDETTE MICHEL</td>
<td>Executive Assistant to College President A.S., Yuba College; B.A., Brandman University</td>
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<td></td>
<td>PAUL MICKELON</td>
<td>Instructional Associate-Math B.A., Brigham Young University</td>
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<td></td>
<td>JULIE MILLER</td>
<td>Library/Media Specialist B.A., CSU Sacramento</td>
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<td>SILVIA NAVA</td>
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Sutter County Center

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Yuba College

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