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

Clear Lake Campus
15880 Dam Road Extension
Clearlake, California 95422
(707) 995-7900
clc.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

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 2015 and Spring 2016).
2015-16 Catalog
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Legend
- District Boundary
- Roadways
- County Lines
- Yuba College and District Office
- District Campuses and Centers

Photos contributed by: Jerabi Tascoe & Jeanette O'Bryan
## Summer 2015

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 8</td>
<td>Summer Session 2015 commences for regular six-week summer classes; other classes have different dates</td>
</tr>
<tr>
<td>June 10</td>
<td>Last day to add a class/register for six-week classes</td>
</tr>
<tr>
<td>June 15</td>
<td>Refund deadline for six-week classes</td>
</tr>
<tr>
<td>July 1</td>
<td>Deadline to apply for summer 2015 graduation</td>
</tr>
<tr>
<td>July 1</td>
<td>Last day to drop a class with a “W” for six-week classes</td>
</tr>
<tr>
<td>July 2</td>
<td>Academic and administrative holiday – Independence Day observed (Thursday)</td>
</tr>
<tr>
<td>July 16</td>
<td>Regular six-week classes end</td>
</tr>
</tbody>
</table>

### Fall 2015

**Full Semester 2015: 84 days of regular instruction**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 17</td>
<td>Instruction begins for Fall Semester</td>
</tr>
<tr>
<td>August 21</td>
<td><strong>Last day to add courses or register without special permission</strong></td>
</tr>
<tr>
<td>August 28</td>
<td><strong>Last day to be eligible for refund of enrollment, parking, student services fees, and non-resident tuition</strong></td>
</tr>
<tr>
<td>September 4</td>
<td>Instructors are to drop No Shows for Census Roster Clearance</td>
</tr>
<tr>
<td>September 4</td>
<td><strong>Last day to drop class(es) to prevent “W” grade(s) on permanent record</strong></td>
</tr>
<tr>
<td>September 7</td>
<td>Academic and administrative holiday – Labor Day (Monday)</td>
</tr>
<tr>
<td>September 8</td>
<td>Census date for full-term classes (Tuesday)</td>
</tr>
<tr>
<td>September 17</td>
<td>Constitution Day (observance) – activities to be announced</td>
</tr>
<tr>
<td>September 18</td>
<td><strong>Last day to elect Pass/No Pass grading option</strong></td>
</tr>
<tr>
<td>November 11</td>
<td>Academic and administrative holiday – Veterans Day observed (Wednesday)</td>
</tr>
<tr>
<td>November 13</td>
<td><strong>Last day to drop class(es) with a “W” grade on permanent record</strong></td>
</tr>
<tr>
<td>November 13</td>
<td>Deadline to apply for fall 2015 graduation</td>
</tr>
<tr>
<td>November 26-27</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 2016</td>
</tr>
<tr>
<td>December 7-16</td>
<td>Limited extracurricular student activities</td>
</tr>
<tr>
<td>December 10-16</td>
<td>Final examination period</td>
</tr>
<tr>
<td>December 16</td>
<td>Conclusion of fall semester</td>
</tr>
<tr>
<td>December 21</td>
<td>Grades from instructors are due for fall 2015 semester</td>
</tr>
<tr>
<td>December 24 – January 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 2016

**Spring Semester 2016: 83 days of regular instruction**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 18</td>
<td>Academic and administrative holiday – Martin Luther King Day observance (Monday)</td>
</tr>
<tr>
<td>January 19</td>
<td>INSTRUCTION BEGINS FOR SPRING SEMESTER</td>
</tr>
<tr>
<td>January 22</td>
<td><strong>Last day to add courses or register without special permission</strong></td>
</tr>
<tr>
<td>January 29</td>
<td><strong>Last day to be eligible for refund of enrollment, parking, student services fees, and non-resident tuition</strong></td>
</tr>
<tr>
<td>January 29</td>
<td>Instructors are to drop No Shows for Census Roster Clearance</td>
</tr>
<tr>
<td>January 29</td>
<td><strong>Last day to drop class(es) without a “W” grade on permanent record</strong></td>
</tr>
<tr>
<td>February 1</td>
<td>Census date for full-term classes</td>
</tr>
<tr>
<td>February 12</td>
<td>Academic and administrative holiday – Lincoln’s Birthday observance (Friday)</td>
</tr>
<tr>
<td>February 15</td>
<td>Academic and administrative holiday – Washington’s Birthday observance (Monday)</td>
</tr>
<tr>
<td>February 19</td>
<td><strong>Last day to elect Pass/No Pass grading option</strong></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>March 28 – April 1</td>
<td>Spring recess; academic holidays</td>
</tr>
<tr>
<td>March 30 – April 1</td>
<td>Administrative holidays (Wednesday-Friday)</td>
</tr>
<tr>
<td>April 15</td>
<td>Deadline to apply for spring 2016 graduation</td>
</tr>
<tr>
<td>April 22</td>
<td><strong>Last day to drop class(es) with a “W” grade on permanent record</strong></td>
</tr>
<tr>
<td>May 15</td>
<td>Closing date for International Student Applications for fall 2016</td>
</tr>
<tr>
<td>May 16-23</td>
<td>Limited student activities</td>
</tr>
<tr>
<td>May 17-23</td>
<td>Final examination period</td>
</tr>
<tr>
<td>May 20</td>
<td>Commencement ceremonies</td>
</tr>
<tr>
<td>May 23</td>
<td>Conclusion of spring semester; Academic Year 2015-2016 ends</td>
</tr>
<tr>
<td>May 26</td>
<td>Grades from instructors are due for spring 2016 semester</td>
</tr>
<tr>
<td>May 30</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 2016

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 13</td>
<td>Summer Session 2016 commences (regular 6-week summer classes will end on July 21; other classes have different dates)</td>
</tr>
<tr>
<td>July 1</td>
<td>Deadline to apply for summer 2016 graduation</td>
</tr>
</tbody>
</table>

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

2015-2016 Catalog
Welcome to Yuba College. We are elated that you have selected Yuba College as an institution of choice to continue your higher education experience. An educational degree is a distinguishing achievement that will provide you a lifetime of rewards. Our counselors and staff are ready to provide guidance in selecting a field of study and the related courses that parallel your interests.

Your career goals drive Yuba College to offer many certificates and associate degrees in applied sciences and transfer degree programs. We provide a large selection of introductory courses to support your education needs towards achieving your career goals. Yuba College supports high school students in the community to jumpstart their higher education goals. We offer concurrent enrollment courses that apply to meeting the requirements for your high school diploma while accumulating credits towards your associate degree. Our faculty and instructional support staff are eager to extend their expertise in ensuring your educational success.

Yuba College administration is committed to updating technologies that enhance your educational experience as a student in the fields of allied health, career technology, public safety fields, or any of our transfer degree programs. We are equally committed to providing our students with a healthy and safe teaching and learning environment by constantly improving conditions.

We provide programs that address your academic needs and your opportunity for a robust student life experience that will prepare you for professional life. The Yuba College Associated Students, a multitude of sports teams and events, theater and fine arts, and various cultural programs are among the activities you may enjoy while completing your course of study at Yuba College.

You have the commitment from our faculty and staff to provide exceptional instruction, student services, and student life experiences at Yuba College. Your journey to great things begins at Yuba College.
2015-2016
District Organization

Governing Board
Gary Sandy, Board President ......................................................... Trustee Area 5
Michael Pasquale, Vice President .................................................. Trustee Area 4
Brent Hastey ................................................................. Trustee Area 2
V. Richard Savarese, Clerk of the Board ......................................... Trustee Area 7
Richard Teagarden ................................................................. Trustee Area 1
Xavier Tafoya ................................................................. Trustee Area 6
David Wheeler ................................................................. Trustee Area 3
Ruby Tu ........................................................................ Yuba College Student Trustee
Jesse Foster ........................................................................ Woodland Community College Student Trustee

District Offices
Chancellor ................................................................................. Dr. Douglas Houston
Vice Chancellor, Educational Planning and Services ......................... Vacant
Chief Business Officer .................................................................. Kuldeep Kaur
Chief Human Resources Officer ......................................................... Dr. Jacques S. Whitfield
Director, Information Systems ......................................................... Vacant

Yuba College
President ................................................................................. Dr. GH Javaheripour
Vice President, Academic and Student Services (Interim) ......................... Brian Jukes
Executive Dean, Clear Lake Campus ................................................ Annette Lee

District Organization

Divisions:
Applied Academics ........................................................................ Dr. Daren Otten, Dean
Programs
Agriculture ................................................................................. Culinary Arts
Automotive Technology ............................................................... Drafting
Business ................................................................................... Manufacturing Technology
Cooperative Work Experience ....................................................... Veterinary Technology
Cosmetology .............................................................................. Welding

Director, Public Safety .................................................................... Dr. Pete Villarreal
Administration of Justice, EMT, Fire Technology
Director, Nursing and Allied Health ................................................ Dr. Thomas McKay
Nursing, Psych Tech, Radi Tech, Student Health Services
Director, Athletics, PE and Health ................................................... Erick Burns

Arts, Humanities, and Education ..................................................... Walter Masuda, Dean
Programs
Early Childhood Education .............................................................. Library
Education .................................................................................. Mass Communications
Fine Arts ................................................................................... Social Science
Language Arts ............................................................................ Tutoring Services

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

STEM and Outreach Campuses ....................................................... Karsten Stemmann, Dean
Programs
Computer Science ..................................................................... Sutter County Center
Engineering ............................................................................... Beales AFB Outreach Services
Math .......................................................................................... Science
Science ..................................................................................... Tutoring Services

Director, Academic Excellence ....................................................... Kristinia Vannucci
BSI, MESA and Student Equity

Student Services ........................................................................... Delmy Spencer, Dean (Interim)
Programs
Assessment and Testing ................................................................. DEPAS
CalWORKs ............................................................................... EOPS/CARE
Career and Transfer Center ......................................................... Student Success Program
Counseling .................................................................................. Veterans Services

Director, TRIO ................................................................................. Julio Delgado (Interim)
Education Talent Search, Upward Bound
Director, Admissions & Records and Financial Aid .............................. Martin Gutierrez (Interim)
Admissions and Records, Financial Aid, Awards and Scholarships
Director, EOP&S/CalWORKs ......................................................... Cris Sanchez (Interim)

2015-2016 Catalog
Yuba Community College District

The Yuba Community College District was founded in 1927, on a 160-acre site outside of Marysville. In December, 1965, 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 4,192 square miles.

Yuba College

Yuba College, in its 88th 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 18 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 courses 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.

Clear Lake 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 26,600 sq. ft to the existing facilities. The expansion added a new student services center that includes a new library, three computer labs, and an expanded student services center. The new facilities also include a “state-of-the-art” kitchen, and dining room for the Culinary Arts Program and new classrooms/labs for Biology, Chemistry and Early Childhood Education courses.

At the Clear Lake Campus, students can complete two years of college level work or satisfy their General Education requirements as well as major preparation courses for many transfer requirements or satisfy their General Education requirements as well as major preparation courses for many transfer requirements. The Sutter County Center’s primary course offerings are general education and transfer courses; however, various career technical education 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 open 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, TRIO, math and writing labs, and an expanded community room. Other facilities include a campus bookstore, science building, childcare center, dining 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 Multi-Cultural Enrichment Center and a Student Center.

Colusa County Outreach Services

The Woodland Community College Colusa County Outreach Facility is located at 95 Ella Street in Williamsburg, Colusa County. Students can take classes at the 9,000 square foot facility which has 4 dividable classrooms. Student services are available to assist students with admissions, registration, assessment, financial aid and counseling. The facility also hosts an SS/RTRO program offered to support English as a Second Language students.

Beale AFB Outreach Services

Classes have been offered on this site since the fall semester of 1960. Classes are located in the Base Education/Library Building at 17849 16th Street. A variety of general education and transfer courses are offered in late afternoon and evening, as well as some noon-hour classes. Two program formats are provided: semester-length schedules and two nine-week terms each semester.

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 general and transfer education courses; however, various career technical education 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 open computer lab.

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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 as 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 will assist in becoming familiar with College policies and procedures. Information is available about resources such as Admissions, CARE, Counseling, Disabled Student Program and Services, EOP&S, Financial Aid, College Success Center, Library, W.I.A., and Veterans Services. There is also information about adding a class, applying for graduation, or getting a transcript.

Academic Freedom

Reference: Title 5, Section 51023; 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 various points of view and to respect the students’ right to form, hold, 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 procedures to implement those Board-adopted policies relating to academic freedom.

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

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General Information

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 emphasizes the importance of the individual. Yuba College bridges the gap between high school and university, making adjustment easier.

The years of college education offered by Yuba College are 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 students and their families to conserve their resources for the long period of professional training.

Yuba College provides students with such services and activities as individualized counseling, social and cultural activities, sports, and physical recreation of sufficient variety to meet the needs and patterns of all students.

Students will find the opportunity to adjust to their studies to their individual needs; those in high school who did not meet university admission requirements may make up their deficiencies; those who want training for immediate entry into paying jobs will find the courses they need; those who wish to complete two years and transfer to a university may do so as junior (third-year) status.

Yuba College Mission Statement

Yuba College values a “student first” philosophy that emphasizes excellence in student learning and success; develops individual potential; and responds effectively to the diverse educational and economic needs of the community. As an open access institution of higher education within the California Community College System and as a gateway to the world, Yuba College embraces diversity and provides comprehensive quality educational programs and student services.

The educational program prepares students for transfer to baccalaureate-granting institutions, for entry into the job market, or for further career development. Yuba College offers general education, vocational education and degree and certificate programs at the lower division level. The College further offers instruction and related student services in areas which develop basic skills and student success, including developmental education, English as a Second Language instruction, and adult non-credit courses.

Yuba College is committed to promoting leadership and responsibility, encouraging a commitment to lifelong learning in all members of the college community and regularly reviewing its mission and its effectiveness.

Yuba College Goals

1. Foster a culture of evidence-informed decision making, including SLO development/assessment and other measures of student success.
2. Prioritize and allocate resources based on existing and emerging community and student needs over those of individual projects or programs.
3. Steward our institutional resources with increasing effectiveness and efficiency.
4. Research and utilize effective modes of delivery for our courses and services.
5. Design our programs in such a way as to allow students to complete their educational goals in a timely manner.
6. Evaluate our programs, services and processes to ensure continuous quality improvement.
7. Improve the quality of the student experience at all of our campuses and centers.
8. Develop partnerships to enhance educational resources and student opportunities.
9. Exemplify educational excellence, fiscal responsibility, cultural awareness, and civic engagement for our communities and region.

Diversity Statement

It is the goal of Yuba College to foster a community in which diversity is valued, respected and embraced, and every person is treated with dignity, respect and justice. Diversity includes a multiplicity of values and beliefs, interests and experiences and intellectual and cultural viewpoints.

Yuba College endorses, supports and actively pursues a policy of inclusiveness that recognizes, values and reflects the diversity of the community we represent, the professionals with whom we serve and the subject matter we impart. To thrive as an academic institution, we believe we must foster a learning and working environment that encourages multiple perspectives and the free exchange of ideas in an unbiased and non-prejudicial way.

To that end, as we educate students, develop curriculum, diversify staffing and provide support services, Yuba College is guided by the priority to achieve broad inclusive diversity and afford equal opportunity to all, without regard to gender, race, color, ethnicity, national origin, religion, ideology, age, economic and educational background, sexual orientation, or physical, learning and psychological differences.

Nondiscrimination Statement

Yuba College does not discriminate on the basis of race, color, national origin, sex (gender), physical and mental disability, age, sexual orientation, religion, medical condition, ancestry, or marital status in any of its policies, procedures, or practices, nor does it tolerate sexual harassment, in compliance with the Americans with Disabilities Act of 1990, Title VII of the Civil Rights Act of 1964 (pertaining to race, color, and national origin), Title IX of the Education Amendments of 1972 (pertaining to sex), Section 504 of the Rehabilitation Act of 1973 (pertaining to handicap), and Age Discrimination Act of 1975 (pertaining to age). This nondiscrimination policy covers admission and access to, and treatment and employment in, the College’s programs and activities.

The Yuba Community College District Board of Trustees has adopted a Diversity Policy, BP 1300, which includes the following: a Definition of Diversity, a Diversity Statement, Principles of Community and a Diversity Framework for Institutional Transformation and Cultural Competency.

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) 741-6975 or Director, Disabled Student Program: (530) 741-6992. Both are located at Yuba College, 2088 North Beale Road, Marysville, CA 95901.

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. Computing: use concepts and methods of 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 and career tasks.
8. Scientific Awareness: understand the purpose of scientific inquiry and the implications and application of basic scientific principles.

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 handicapped persons. Call the Section 504 Coordinator (below listed number) to obtain information as to the existence and location of services, activities, and facilities that are accessible to and usable by handicapped persons.

Inquiries regarding Federal laws and regulations about nondiscrimination in education or the college’s compliance with those provisions may also be directed to:

Office for Civil Rights
San Francisco Office
U.S. Department of Education
50 United Nations Plaza, Room 239
San Francisco, CA 94102-4102

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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 three and four year programs leading to a commission in the United States Air Force. Cadets receive leadership instruction throughout their ROTC experience and the program promotes teamwork and camaraderie. Students can complete general education requirements at Yuba College, and then transfer to CSUS to complete their degrees. If the Air Force is offering scholarships, members of AFROTC in all degree programs are eligible to compete for scholarships based on a competitive selection process. Scholarship recipients receive a monthly stipend up to $18,000 per year, a book allowance (currently $900/year), and a monthly allowance from $300 to $500, depending on the student’s AFROTC year. Upon graduation from college, cadets are commissioned as an Air Force second lieutenant with a guaranteed employment future and a regular paycheck with great benefits. Call the AFROTC Detachment 088 at (916) 278-7315 or their website at: http://www.csus.edu/afrotc/.

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 Clear Lake Campus, Bear AFL Outreach Services and Sutter County Center. Call a testing center for its testing schedule and hours of operation or one of the following locations: YC Assessment and Testing Center (Yuba College) - (530) 741-6864; Clear Lake Campus - (707) 995-7900; Bear AFL 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 DSP&S 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 education testing for various colleges and universities from around the country. The Yuba College Assessment and Testing Center is also an ASE Prometric Satellite Center & Pearson Vue Testing Center for computer network, hardware, software certification and Automotive Service Excellence Exams. The center also offers “The CollegeBoard” Computer-Based College-Level Examination Program (CLEP).

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

Bookstore

The bookstore serves as a local 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 new and used, print and digital titles for purchase or rent. We also carry every day college essentials like Yuba College 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, please visit our eflloft.com website at www.yubashop.com or call (530) 741-6998.

Buy Backs: The bookstore buys back textbooks for cash every day, regardless of where you purchased it! The textbook can be new, used, hard-back, or paperback (excluding workbooks). Prices fluctuate according to demand, so stop by and see how much cash you can get.

CalWORKs (California Work Opportunity and Responsibility to Kids)

The Yuba College CalWORKs program 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 call the Yuba College CalWORKs Office at (530) 634-7773 or the Clear Lake Campus at (707) 995-4178.

Career Center

The Yuba College Career Center 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; an extensive library of occupational files, employer files, occupational books, and reference materials.

For more information, call the Yuba College Career Center at (530) 634-6790 or the Career and Transfer Center at Clear Lake Campus (707) 995-7900.

Career Technical Education Transitions Program

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 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 4-year university.

For more information about the CTE Transitions Program, contact the Yuba College CTE Transitions Office - (530) 741-6598, cte.transitions@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.

Child Development Center

Child Development Centers are located at Yuba College and at the Clear Lake Campus. The program provides children with many opportunities to grow and learn. Our environment is designed to enhance a child’s age appropriate learning through natural science, creative arts, language experiences, physical activities and number concepts. It is a state funded program that follows California Department of Education guidelines. Parents may be responsible for the child’s tuition, or the child may be income eligible and meet one of the following needs criteria:

- Students with a need for childcare
- Searching for work
- Working
- Incapacitated
- Searching for housing

Yuba College hours of operation: Mon-Fri 7:30 a.m.-5:30 p.m. (530) 749-8808. Yuba College serves inexpensive to low-income students (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. No need required when attending only preschool hours.

Clear Lake Campus hours of operation: Mon-Fri 7:30 a.m.-5:30 p.m. (707) 995-7900. Clear Lake Campus serves 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. No need required when attending only preschool hours.

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College Success Center

The College Success Center (Room 1103) in the Library Learning Center (Building 1100) on the Yuba College campus delivers academic learning and supports students across many disciplines to currently enrolled Yuba College students at no cost and provides a positive, supportive learning environment that, if fully utilized, significantly enhances students’ academic success.

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® (Content Tutoring only)
- quiet study areas for groups and individuals
- access to wireless internet, computers and academic software
- test preparation materials
- a facility to complete EOP&S Commitment Hours
- assistance with resume writing
- 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: The Math Tutoring Program primarily supports students enrolled in the Accounting, Business, Chemistry, Computer Science, Learning Assistance, Mathematics, Physics, and Statistics programs. Academic support is usually available for the following courses:

- Accounting 1L, 2L, 10A
- Business 15, 56, 100
- Chemistry 1A, 1B, 2A, 2B, 188
- Computer Science 6, 9A, 11
- Learning Assistance 174
- Mathematics 1A, 1B, 3, 9, 10, 15, 20, 21, 25, 50, 50A, 50B, 52A, 52B, 110, 111
- Physics 2A, 2B, 4A, 4B
- Statistics 1

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CONTENT TUTORING PROGRAM: The Content Tutoring Program primarily supports students enrolled in the Biological, Economics, Geology, History, Humanities, Music, Philosophy, Physical Science, Psychology, Political Science, Sign and Spanish programs. Academic support is usually available for the following courses:

- Biology 1, 4, 5, 6, 10L, 15
- Economics 1A, 1B
- Geology 10L
- History 5A, 5B, 15, 17A, 17B
- Humanities 10, 11
- Music 1B, 1D, 2B, 2D, 6B, 41A, 41B, 42A
- Philosophy 12, 20
- Political Science 1, 7
- Psychology 1A, 12, 41
- Sign 1, 2
- Spanish 1, 2, 3, 4, 20A.

The College Success Center is open in the Fall & Spring semesters from 8:00 a.m. to 5:00 p.m. Monday through Friday (closed Saturdays, Sundays, and holidays). During Summer Session the College Success Center is open: 8:00 a.m. to 5:00 p.m., Monday through Thursday (closed Fridays, Saturdays, Sundays, & holidays).

For general information contact the front desk at: (530) 741-6769 or Ms. Quy Bui, Instructional Associate: (530) 741-8752 at qbu@yccd.edu or Mr. Tony Jow, Instructional Associate: (530) 741-8751 at tjow@yccd.edu.

TUTORING STAFF: The tutoring staff is efficient, well-trained, friendly, helpful, and knowledgeable. A tutor 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) have an overall 3.00 grade point average or higher, 4) complete an intensive tutor training program, and 5) be committed to assisting students learn.

Community Education

Community Education 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 work 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 and potential of the institutions they wish to attend in

Cooperative Work Experience Education

Cooperative Work Experience Education (CWEE) are courses designed to recognize learning that occurs on-the-job. To qualify, a student must develop specific learning objectives approved by the employer and Yuba College. Call Yuba College at (530) 741-6763 or Clear Lake Campus at (707) 995-7900 for more information.

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 the instructional program and to aid students in an academic, career, and personal planning.

Counseling provides services for helping each student:

- Analyze aptitudes and interests and learn decision-making processes related to academic and career planning.
- Determine the best educational program for achieving a chosen career.
- Select courses and college activities to maximize the student’s opportunities and potential.
- Develop a student educational plan that encompasses both the course work and supplemental needs of the student.
- Plan a transfer program which leads to acceptance with junior (third-year) status at an upper division college or university, if such is the choice.

- Resolve personal problems which are of such a nature that a college counselor can be of professional assistance.

INDIVIDUAL COUNSELING: Every student is strongly encouraged to see a counselor at least twice each semester to confer on matters pertaining to satisfactory adjustment to college life and progress toward educational/career goals.

Since accurate information about program requirements and course prerequisites is essential for planning courses of study, counselors serve as a valuable resource for students in helping to select appropriate courses. Pre-transfer students are urged to consult with counselors and with the catalogs of the institutions they wish to attend in order to be certain they fulfill all lower division general requirements and specific major requirements of the upper division colleges of their choice.

Counseling also offers a variety of services and resources designed to aid students in choosing, changing, or confirming career goals and taking appropriate steps to reach those goals. Students are advised to make their vocational plans or to select the school to which they wish to transfer as early as possible in their college career. Frequent changes of program or changes in vocational objectives may delay graduation or interfere with successful transfer to other college institutions. Responsibility for meeting these requirements rests entirely on the student.

Yuba College has counselors available at Yuba College, Beale AFB Outreach Services, Clear Lake Campus and Sutter County Center. Students are encouraged to use the counselors expertise as they progress through their programs.

GROUP COUNSELING/orIENTATION: Yuba College provides several types of orientation programs: registration briefing sessions, self-paced orientation courses, and career and college planning courses (Counseling 10, 15A, 15B, 25, 30, 35, and 45).

Yuba College counselors provide essential information concerning college graduation and transfer requirements, rules and regulations, and registration procedures for Yuba College programs.

To schedule a counseling appointment at Yuba College call (530) 634-7766 or Clear Lake Campus call (707) 995-7900.

Dining Facilities

In order to accommodate those students who prefer to eat on campus, the culinary program provides restaurant dining at the Yuba College campus. Flavors restaurant is open Tuesday through Thursday 11:30 am - 1 pm. Additionally, Java Bean Cafe is open Monday-Friday during the morning through late afternoon hours with a variety of food and coffee selections.

Sutter County Center 4ber Cafe is open Monday through Thursday, 8:30 am to 2 pm and offers a variety of grab and go food items.

Aromas Restaurant, at the Clear Lake Campus, serves lunch Tuesday-Thursday from 11:30 am-1 p.m. Java Express serves coffee, tea, espresso and home-made baked goods Tuesday-Thursday from 9 am-1 p.m.

Distributive Education/e-Learning

Distance Learning courses include televised courses (ITV) and fully online courses. A complete list of these courses is located in the Schedule of Classes under Distributive Education and on the YCCD eLearning website (http://des.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 and computer literacy 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: EDUC/MCOM 40, Introduction to Online Learning and LIBSC 1, Basic Research Skills.

ITV courses feature Yuba College or Woodland Community College instructors. These courses are televised live via local cable services and accessible on the web via the YCCD eLearning software. Students accessing ITV via cable must be served by one of the designated cable delivery systems that provide our ITV service. Satellite delivered television services do not carry the ITV cable channels.

Fully online courses are delivered using the YCCD eLearning course management software which is accessible via the YCCD eLearning website and within the My Yuba College portal.

Students access YCCD eLearning using their college student ID and password once they are enrolled in a course that uses this software. Technical support is provided via phone, email, virtual PC software, and in person. For more information, staff contacts and technical assistance, check the YCCD eLearning website.
Disabled Student Program and Services (DSP&S)
DSP&S is designed to equalize educational opportunities for students with disabilities that impact their academic participation such as vision, hearing, psychological, mobility, and learning. Screening for learning disabilities is available to all currently registered Yuba College students experiencing difficulty 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 including Adapted Physical Education, Academic Strategies, Assisted Technology, and Reading/Writing Development.

Extended Opportunity Program and Services (EOP&S)
Extended Opportunity Program and Services (EOP&S) is a state-funded program that provides above and beyond support services to economically and educationally disadvantaged students. EOP&S 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 visit the EOP&S website: http://yc.yccd.edu/student/EOP/default.aspx or call EOP&S at Yuba College, (530) 741-6995; Clear Lake Campus, (707) 995-7912.

Cooperative Agencies Resources for Education (CARE)
As a supplemental component of EOP&S, CARE provides additional support services for eligible EOP&S students who are single head of household, have at least one child under the age of 14, and 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 EOP&S website: http://yc.yccd.edu/student/EOP/default.aspx or call EOP&S at Yuba College, (530) 741-6995; Clear Lake Campus, (707) 995-7912.

Health Clinic (Student)
Yuba College, in partnership with Rideout Health, offers a free Student Health Clinic for minor health care needs. The clinic is located in room 122C (by the Admission and Records Office). For more information call (530) 740-1749.

Health Insurance
Students are covered by an accident insurance policy up to a maximum of $20,000 liability for any on-campus activity or school-related activity off-campus. This is secondary accident insurance coverage, which means that if students have their own accident policy, it will provide the primary coverage and the District’s accident policy will pick up any excess claims up to the limit of its liability. If a student does not have an accident insurance policy, the District accident insurance policy becomes primary coverage up to the maximum limit. However, in many cases, this policy does not provide 100% coverage.

Library
The Yuba College Library offers a wide variety of information services and resources to support student learning across the curriculum. 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. Private research appointments are available, allowing students to meet one-on-one with a librarian. In addition, Yuba College students can gain research skills by enrolling in LIBSCI 1 class and attending an orientation session.

The new Learning Resources Center 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.

The Clear Lake Campus and Sutter County Center Libraries support students with a full range of electronic books, online databases, periodical subscriptions, and a small print collection. Interlibrary loans for printed materials are available to all Yuba College students and faculty.

Selective Service Registration
Male is required to register with Selective Service at any time and must have done so to receive federal student aid.

Males (any person assigned the sex of male at birth) aged 18–25 are required to register with the Selective Service System (SSS). This requirement covers males residing in the United States who are U.S. citizens or noncitizens, except that a male who is in the U.S. as a lawful nonimmigrant isn’t required to register as long as he maintains that status (see the exceptions to the registration requirements, listed under “Exemptions” below). Students who are required to register with the Selective Service must do so to be eligible for FSA funds, but parents who want to borrow a PLUS loan aren’t required to have registered.

The student has several ways to register, which include using the FAFSA; there is a question that asks if the student wants Selective Service to register him. If he indicates that he wants to be registered, we will submit his registration information to the Selective Service. If he doesn’t answer this question, he can do so later on the student aid report (SAR) and submit the correction (the answer to the question “Are you male?” must be yes). The student may also register online at the Selective Service website (www.sss.gov) or by filling out a form available at the post office.

Exemptions:
- males currently in the armed services and on active duty (this exception does not apply to members of the Reserve and National Guard who are not on active duty);
- males who are not yet 18 at the time that they complete their applications (an update is not required during the year, even if a student turns 18 after completing the application);
- males born before 1960;
- citizens of the Republic of Palau, the Republic of the Marshall Islands, or the Federated States of Micronesia;
- noncitizens who first entered the U.S. after they turned 26;
- transgender males who were assigned the sex of female at birth.

There are certain less common situations in which registration isn’t necessary. Students who weren’t required to register prior to meeting one of these criteria and who meet a criterion for the entire time through the age of 26 qualify for the waiver if:
- they are unable to register due to being hospitalized, incarcerated, or institutionalized;
- they are enrolled in any officer procurement program at The Citadel, North Georgia College and State University, Norwich University, Virginia Military Institute, Texas A&M University, or Virginia Polytechnic and State University; or
- they are commissioned Public Health Service officers on active duty or members of the Reserve of the Public Health Service on specified active duty.

Generally, a male student who is 18-25 and who has not registered previously may register using the FAFSA or SAR. Students who have questions about Selective Service registration may contact the “Selective Service” at 1-(847)-688-6888 or on the Web. The maximum penalty for not registering with the Selective Service is a fine up to $250,000 and/or be put in jail for up to five years.

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Exemptions:
Transfer Center
The Yuba College Transfer Center hosts an annual fall transfer program called, “College Information Day”, where students brought representatives from campuses from the University of California, California State University, independent California colleges and universities systems, 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 four-year 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 four-year institutions;
- The annual College Information Day;
- Workshops in a variety of areas.

For more information, call (530) 741-6790 at Yuba College or (707) 995-7900 at Clear Lake Campus.

TRIO Programs
The TRIO programs at Yuba College are known as pre-college programs. These programs consist of two Educational Talent Search (ETS) programs (Yuba ETS & Sutter ETS) and one Upward Bound (UB) program. Both ETS and UB are federally funded through the U.S. Department of Education to serve low-income and potential first-generation college students. The TRiO programs at Yuba College are known as the Educational Talent Search Program and the Upward Bound Program. The program provides opportunities for participants to succeed in a pre-college performance environment and assure transition to higher educational pursuits. The goal of the Upward Bound Program is to increase the rates at which participants enroll in and graduate from institutions of higher education. Additionally, we provide support to high school students in their preparation for college admission.

The services listed below are free and available to UB participants:

- Six-week Summer College Academic and Cultural Enrichment Program
- Saturday Workshops provide opportunities to be instructed in learning style, 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) 749-3858 or visit the Yuba College website.

The Legislative requirements of all TRiO programs can be found in the Higher Education Act of 1965, Title IV, Part A, Section 3152, Federal Student Services Programs, Chapter 1, Federal TRiO programs.

Veterans Services
Yuba College is approved for the training of veterans and dependent students. The Veterans Service Office (VSO) assists students, 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 tests, tutoring and counseling referrals.

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 graduation requirement.

College credit may be allowed for the completion of college-level courses in formal school programs in accordance with recommendations found in the Guide published by the American Council on Education. Credit may also be allowed for college-level U.S. Armed Forces Institute (USAFI) courses (but not for USASI GED tests).

Servicemembers Opportunity College: Yuba College is a designated Servicemembers Opportunity College (S.O.C.) in the educational concept jointly sponsored by educational agencies within the U.S. Department of Defense and the American Association of Community and Junior Colleges, recognizing that individuals serving in the Armed Forces often have unique educational needs. Yuba College has committed its resources to aid in the quest of education. Admission, residency, course, credit, and degree requirements are in accordance with the criteria for Servicemembers Opportunity Colleges.

Special academic assistance is provided and credit is granted for educational experience obtained in the Armed Services, College Examinations (CLEP), College Proctor System (CPS), U.S. Armed Forces Institute (USAFI) courses, and on-campus “challenge” examinations. Under a Contract for Degree agreement, developed with the college service member’s Counselor, a service person may plan to earn an associate degree from the College as a result of a variety of learning options with a minimum of only 12 units earned, in any time sequence, at the College. Information regarding these opportunities may be obtained from any Yuba College counselor or the Counseling Office.

Veterans Standard of Progress: A veteran student who is receiving veteran benefits and is placed in academic probation, will be reported to the Veterans Administration prior to the commencement of the next semester. If the student remains in academic probation for two semesters and has not achieved a cumulative GPA of 2.0 after the most recent semester (excluding summer session), the college is required to report a termination of benefits directly to the Veterans Administration due to unsatisfactory progress. The veteran’s Certifying Official cannot certify a veteran for any class beyond that point until the cumulative GPA improves to a 2.0 or higher.

Once the veteran’s Certifying Official certifies or reads a student for re-enrollment after termination for unsatisfactory progress, the Veterans Administration presumes that the College has determined the student’s ability to maintain satisfactory progress in the future. Any student needing to be certificated will need to consult the veteran’s Certifying Official for assurance that all procedural and requirements have been met.

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 these 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, Fax: (530) 634-7740 or Clear Lake Campus (707) 995-7900.

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 working with all 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 is to facilitate peer-to-peer support, mentoring, and a network of social camaraderie through the Student Veterans Association and other resources. The VRC staff is in partnership with community resources such as Financial Aid, Career and Transfer Services, Disabled Student Program and Services, and can assist veterans by making referrals to other community veterans’ organizations such as the Yuba-Sutter County Veterans Service Officer, the Sutter County VA Outpatient Officers, Yuba-Sutter Stand-Down, Cal-Vet resources and other VA Health providers. Other resources available in the VRC include a free legal assistance, a book lending library and a television to relax between classes. The center is open from 0800-1700 during the normal academic week.
Yuba College Foundation

History: The Foundation 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 corpus of Foundation funds to a level of several million dollars, making the YCCF one of the larger community college foundations in the State of California.

Vision-Mission: YCCF 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. YCCF and its Foundation will, thereby, enhance its communities through support of this region’s students.

Donations: As a registered 501(c)(3), YCCF Foundation is able to assure that all gifts received by the Foundation are fully tax deductible. They provide support to students in the form of scholarships and gift aid, enhance student-related programs and services at the primary educational facilities that comprise the District. YCCF and its Foundation will, thereby, enhance its communities through support of this region’s students.

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 (340) 741-6786.

International Students must obtain a special application which will be mailed upon request from the Dean of Student Services. 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 be 18 years of age as of the date of registration, as provided in Section 76000 of the Education Code, 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 meet Federal “Ability to Benefit” requirements.

Eligibility to Enroll: A high school student who has completed the eighth grade may be admitted on a part-time basis subject to the following requirements: 1) have a high school transcript with written recommendation of the high school administrator and the parent’s permission; 2) no Physical Education courses may be taken; students must have met all course prerequisite requirements; students are required to fulfill the minimum day requirement at their high school; or, for charter/home-schooled students, the parent has to verify that the proposed college coursework will not interfere with the student’s school day; or, for home-schooled students must present a grade equivalency certification document 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; concurrently 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 authorization to enroll. http://www.yccd.edu/administrative/services/foundation/default.aspx

Applicants may apply for admission on-line by going to our website at yc.yccd.edu.

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 “impacted” allied health programs (Radiologic Technology, Veterinary Technology, ADN, Psychiatric Technician, etc.)
• Courses closed by maximum enrollment of students by the “priority registration” policies;
• Courses with academic requisites 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 previously taken by the student (exceptions require counselor evaluation and approval).
Residency Requirements

California state law mandates that each student who applies for admission to provide residency information and documentation 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. These rules are subject to change at any time in accordance with State law.

The residency determination date is the day prior to the first day of instruction for each semester.

General Rules for Residency:
1. Persons who are 19 years of age or older may establish residence in accordance with the criteria listed below. Year of residence must begin after the eighteenth birthday.
2. Persons who are under 19 years of age may establish residence in accordance with the criteria listed below and the following: (a) Married minors may establish their own residence, and (b) an unmarried minor derives residence from the parent with whom he or she is residing. If the student lives with neither parent, residency is derived from the parent with whom he or she last lived. (The residence of an unmarried minor who has a parent living cannot be changed by her or his own act, by appointment of a legal guardian, or by relinquishment of a parent’s right of control.)
3. Active duty military personnel stationed in California are entitled to residence classification.
4. A dependent child or spouse of an active duty military person stationed in California is entitled to residence classification.
5. A member of the armed forces of the United States stationed in California on active duty for more than one year immediately prior to being discharged will be granted a “two-years grace period” in order to establish California residency. Establishment of residency requires physical presence and acts of intent to be demonstrated for one full year.
6. Persons who have had a “permanent residence visa” for one year may establish residence in accordance with the criteria listed below.
7. Nonresident and non-citizens (other than “non-immigrant aliens” who are out of status with INS) who have attended a California high school for at least three years and who graduated from a California high school may be eligible for an exemption of the non-resident tuition. (Pick up an AB 540 application form at the Admissions and Records Office.)

8. A student who was classified as nonresident and is seeking reclassification as a resident MUST show financial independence. Financial independence requires not having been claimed as a dependent on state/federal income tax forms by parents, not having received more than $7500.00 a year from a parent, and not having lived more than six weeks in a year with a parent in the immediately preceding twelve months. Students will be required to submit documentation showing how tuition and living expenses were paid during the preceding year.

Criteria for Residency: Nonresident students do not automatically become residents by merely being in California for more than one year. State law also requires “proof of intent” to establish California residence for more than one year prior to the residency determination date. The burden of proof rests with the student, not the College. Students must present a combination of documentation to prove intent to be a resident. Students must also show no contrary intent, that is, a maintained residence status in their former state (i.e. driver’s license, taxes, car registration, etc.). Types of documentation that may be submitted that will help to establish proof of intent (with lack of intent for residence in another state) include the following. No one factor is decisive.

Documentation: W-2 form; California State Income Tax payment; Driver’s license; Motor vehicle ownership and registration; Purchase of property; Voter registration; License from California for professional practice; Any other proof of intent as may be deemed necessary to establish residence classification.

A student incorrectly classified as a California resident because of falsification of information is subject to recategorization as a nonresident and payment of nonresident tuition or exclusion from classes upon notification. Students classified as nonresidents may appeal the decision within 30 days of the date of the residence classification decision.

All students classified as nonresident are required to pay Nonresident Tuition Fee, the Enrollment Fee, and the Student Services Fee each semester. (See Schedule of Classes for current fee amounts.) Nonresident fees are refundable only during the first two weeks of a semester (dates vary for short-term classes) if the student withdraws from a course. The date on which the withdrawal is received in the Admissions and Records Office will determine the refund date.

Refunds shall not exceed the amount of tuition paid, and will be processed in accordance with District regulations (see “Refund” section).

International Student Admission

Under Federal law, Yuba College is authorized to enroll students on F-1 student visas for a general education degree and/or transfer programs. International students applying for admission must request an International Student Admission packet from the Dean, Student Services, Yuba College. 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 and agree to:

- Pay Tuition, Enrollment Fees and the Student Services 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 770 on the Written test, 525 on the Computer-based test, or 55 on the Internet-based test is required.)
  4. A letter of English Proficiency
  5. A certified financial statement, showing evidence of support, in U.S. dollars, for duration of the time in the U.S. (should be able to provide approximately $12,784 annually without planning to work while in the U.S.)
  6. A letter of recommendation
  7. A certificate of health to include a special test for tuberculosis

- You are required to carry your own health insurance and to provide a copy of proof of health coverage to the Office of Student Support Services at Yuba College.
- Pursue a specific degree program, and upon arrival at Yuba College you will need to meet with a counselor to develop your individual Education Plan. You 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” average.
- Complete academic program in a maximum of six semesters.

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- A letter of recommendation
- A certificate of health to include a special test for tuberculosis
- A $25 Application Processing Fee.

- You are required to carry your own health insurance and to provide a copy of proof of health coverage to the Office of Student Support Services at Yuba College.
- Pursue a specific degree program, and upon arrival at Yuba College you will need to meet with a counselor to develop your individual Education Plan. You 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” average.
- Complete academic program in a maximum of six semesters.
- Work with the International Student Assistant 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 must be mailed the Immigration and Naturalization Form I-20.

Student Success and Support Program

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 process at Yuba College is to increase success through:

- Orientation
- Assessment
- Academic Advising
- Follow-up

Orientation provides entering students with a brief overview of college policies, programs and services.

What is Student Success? Every student should have an educational goal, a reason for going to college. Student Success is the process that allows the college and the student to form a partnership which helps attain that goal. The college asks students to commit to 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
Admissions

- Students are expected to:
  - Attend an orientation session
  - Complete assessment
  - Declare a specific educational objective or career pathway after completing 15 units of course work
  - 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

The Student Success Act of 2012, which provides the legislative guidelines for the creation of the Student Success and Support Program, requires that all entering students complete Orientation, Assessment and an SEP in order to receive priority registration. Students who choose not to participate or fail to complete any of these steps will not be allowed to register until “open registration.” For more information and the full report, please visit the California Community College Chancellor’s Office website at SB1456 Student Success Act Of 2012.

Exemptions: Students may be exempt from the assessment, orientation, and/or counseling components of matriculation if they meet certain criteria. This form is to be used by students who believe they should be exempt from assessment, orientation, and/or counseling/advising services. Students seeking an exemption from the matriculation process must submit an exemption form. Forms are available at all counseling offices.

Students who meet the criteria and register as non-matriculant students without meeting any requirements other than the basic legal admission requirement:
- For the purpose of registration status classification, such a student will be classified as a non-matriculant.
- For purpose of academic classification, the student’s status on the registration form will be accepted without verification.

Students classified as non-matriculants will be required to declare an educational goal during the term after which the student completes 15 semester units of degree-applicable credit course work. These students will be provided an opportunity to see a Counselor to develop a student educational plan.

Continuing students should schedule a counseling appointment for assistance in registration, advising, and completion of an educational plan.

All other applicants must complete Student Success Support Program steps:
- The registration application process online,
- Complete the placement examination,
- Have high school and/or college transcripts sent to the Admissions and Records Office at the Yuba College campus.
- Applicants need to complete the online orientation and
- Meet with a counselor to discuss educational plans and select appropriate courses for registration.

If new students do not complete the matriculation requirements it will affect their registration priority or course registration in a subsequent-term.

Registration Procedures

Student Responsibility Regarding Registration

Students should acquaint themselves with College policies and procedures, study this Catalog and the Schedule of Classes, consider the curricula carefully, and plan the courses needed for graduation and required for their majors as well as courses desired for 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 to their status when 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 and aptitude 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 SummerFall 2014 registration period the Enrollment Priorities criteria changed and students should review the administrative procedure to attain the current policy requirements.

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 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-term classes or ten percent of a short-term class) are credited to the student’s account (see “Refund” section).

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 tenth 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 it will be a failing grade.

Maximum Unit Load

The average student load is 16 units per semester. A counselor will allow a student to register in an excess of 16 units only when it is necessary. In any case, 19 units is the maximum load which may be approved (limited to 16 maximum for a student on probation). Units in excess of 19 are allowed only for the most urgent reasons and on the basis of counselor approval.

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

Placement Examination

The purpose of the Placement Examination is to assess each student’s skills in mathematics, reading, and English, and determine the appropriate beginning courses in each discipline. 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.

All students who plan to enroll in English, mathematics, or reading courses or courses with a heavy reading content or math content; those who plan to graduate or transfer units to another institution; and concurrently enrolled high school students are required to complete the Placement Examination prior to enrolling into classes. 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. Placement based on this multiple measures approach is mandatory. Students may challenge the placement by filing a prerequisite challenge form with the Office of Student Support Services. The results of the challenge are final. Students should seek counselor assistance when filing a prerequisite challenge.

Students may take the Placement Examination no more than three times in a 2-year period and not more than twice in any semester. There is a 30-day waiting period for retests. The placement examination may not be used to supplement a failed prerequisite course or to skip a course in a sequence of courses. Placement scores may be valid for up to three years.
Registration Procedures

Students may transfer test scores from another institution to Yuba College, provided the test used is approved by the Chancellor as a Second Party Assessment Instrument. 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 score report to the YC Assessment and Testing Center. Placement will be made in accordance with current placement policies and procedures, and may differ from the placement at the previous college. Students have the option of taking the Placement Examination instead of transferring their scores.

Students who wish to transfer to a 4-year institution should consult a high school or college counselor about taking other tests. Some institutions require SAT or ACT test scores from transfer students. SAT and ACT are not approved for use in California Community Colleges and Yuba College does not offer either test at college sites.

Students who wish to take the Yuba College Placement Examination should call one of the Assessment and Testing Centers listed below, or call any Yuba College Counselor. The Placement Examination also is offered at selected high schools. Yuba College: (530) 741-6864; Sutter County Center: (530) 751-5600.

Students with disabilities or special testing needs should discuss options and accommodations with a counselor and/or Disabled Students Programs and Services staff. The Yuba College Assessment and Testing Center comply fully with the provisions of the Americans with Disabilities Act.

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

Placement Levels

Placement scores identify the course level appropriately 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.

<table>
<thead>
<tr>
<th>Placement Level</th>
<th>Mathematics Courses</th>
<th>English Courses</th>
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<tbody>
<tr>
<td>2004</td>
<td>Math 50 or</td>
<td>English 105 or</td>
</tr>
<tr>
<td></td>
<td>General Business 56</td>
<td>English 95</td>
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<tr>
<td>2005</td>
<td>Math 51, Math 52, or</td>
<td>English 51 or</td>
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<td></td>
<td>Math 58</td>
<td>English 95</td>
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<tr>
<td>2008</td>
<td>Math 6, Math 10, Math</td>
<td>English 97 or</td>
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<tr>
<td></td>
<td>15, Math 15</td>
<td>English 1A</td>
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<tr>
<td>2009</td>
<td>Math 20, Math 21 or</td>
<td>English 50 or</td>
</tr>
<tr>
<td></td>
<td>Math 25</td>
<td>English 1B</td>
</tr>
</tbody>
</table>

Placement Procedure

1. Achieving a math placement level of 2005 or higher, or
2. Achieving a grade of “C” or better in Math 50 or 50B, or
3. Achieving eligibility to enroll in Math 51, 52, or 58, or
4. Possessing an A.A., or A.S., degree or higher.

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 and require college-level language and/or computation skills for successful participation. It is recommended that students meet the language and/or math requirements if they plan to enroll in any course with a description that includes an “L” and/or “M”.”L” means college-level language skills are recommended and “M” means college-level computation skills are recommended. These requisites are advisory only.

Placement Levels for Mathematics Courses

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Schedule of Classes

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

Unit of Academic Credit

The unit of credit is the semester hour. The value of a course is computed on the basis of one unit of credit for each hour of lecture or discussion and three hours of laboratory. Courses meeting less than a full semester will require an equivalent number of hours prorated on a per-class meeting basis. Two hours of outside preparation are normally required for each semester hour of class lecture. In order to earn credit in a course, the student must complete the course; no partial units of credit are allowed. To serve the purposes of the student and the District, courses may on occasion be offered for less than the number of units indicated in the Course Outline.

 ADVISORY PLACEMENT LEVELS FOR COURSES REQUIRING COLLEGE-LEVEL SKILLS.

Placement scores identify the course level appropriately 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 | Mathematics Courses | English Courses |
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NONRESIDENT/NON-CITIZEN TUITION. Students who have not established California residency in accor-
dance with state regulations (see “Residency” section), will be required to pay the Nonresident Tuition Fee of $220 per unit. Students who are both citizens and resi-
dents of a foreign country are required to pay $220 per unit.

STUDENT HEALTH FEE. All students are required to pay a $10 Student Health Fee each sem-
ster/summer session. Students who depend ex-
clusively upon prayer for healing in accordance with a bona fide religion, sect, or denomination (upon writ-
ten 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 ex-
emption.

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 park-
ing 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 four-
teenth calendar day of the full-semester.

The Associated Students of Yuba College collect a voluntary annual A.S. Y.C. Fee of $10 per year, $5 per semester for services and benefits.

Student
Fees and Expenses

All fees quoted below are those known at the time this Catalog went to press.

STATE-MANDATED ENROLLMENT FEE. All students (unless at the time of registration they qualify for exemp-
tion* 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 Enrollment Fee waived.

• Board of Governor’s Waiver (BOGW) 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 (Supplementary Security Income/State Supple-
mentary 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.

• Board of Governor’s Waiver (BOGW) Program B. For low income students who meet eligibility requirements.

• Board of Governor’s Waiver (BOGW) 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.

NONRESIDENT/NON-CITIZEN TUITION. Students who have not established California residency in accor-
dance with state regulations (see “Residency” section), will be required to pay the Nonresident Tuition Fee of $220 per unit. Students who are both citizens and resi-
dents of a foreign country are required to pay $220 per unit.

STUDENT HEALTH FEE. All students are required to pay a $10 Student Health Fee each sem-
ster/summer session. Students who depend ex-
clusively upon prayer for healing in accordance with a bona fide religion, sect, or denomination (upon writ-
ten 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 ex-
emption.

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 park-
ing 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 four-
teenth calendar day of the full-semester.

The Associated Students of Yuba College collect a voluntary annual A.S. Y.C. Fee of $10 per year, $5 per semester for services and benefits.

Refunds

ENROLLMENT/STUDENT SERVICES FEES/ NONRESIDENT TUITION. Enrollment fees can be paid by cash, check, money order, debit card or credit card. YCCD accepts Visa, Master Card, Discover and Ameri-
can Express.

Students can request a refund of their student fees through the online request form in WebAdvisor. Please allow four weeks for processing. A $10 processing fee is charged for refunds. This amount will be deducted from your refund amount.

Students are eligible for a refund of these Fees if the procedures below are followed.

• The student “officially” drops the class 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), and

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

Refund dates vary for each short-term class (see refund deadline information listed in the Schedule of Classes). Dropping before the refund deadline date for the class determines whether or not a credit is available on your student account for refund.

If you paid your enrollment fees then were approved for a fee waiver, but there is no credit showing on your student account for you to request a refund, please contact Admissions and Records at your local campus or center.

Average Expenses Included in the 2015-2016
Yuba College Financial Aid Budget for a
CA Resident Student Living at Home

Average Expenses Included in the 2015-2016
Yuba College Financial Aid Budget for a
CA Resident Student Living at Home

*State-mandated Enrollment Fee
Books and Supplies
Food and Housing
Transportation
Misc Personal Expenses
Total

$1,124
1,784
4,770
1,125
3,159
$11,942

*Based on 12 units per semester plus $10 Student Health Fee per semester

Source: California Student Aid Commission

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 re-
fund will be processed back to the same card unless the transaction is unsuccessful, in that case the refund will be issued by check to the student.

If you have questions regarding a refund in process, please 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. It is the student’s responsibility to keep their address and current telephone number updated in Yuba Community College District’s system by updating their information in WebAdvisor.

PARKING PERMIT. Students who withdraw from classes before the fourteenth day 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.

Criteria and Procedures for Financial Aid
Refer to page 30 for a sample Financial Aid Student Budget for academic year 2015-2016. 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. Award funds are made 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 January 1 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 at Yuba College 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 towards achieving their educational goal. The specific requirements are described and included in the Yuba College Financial Aid Guide posted on the Financial Aid web site at yc.yccd.edu. Academic Progression 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 their 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; E.O.F.S. (Extended Opportunity Program & Services) Grant CARE (Cooperative Agency Resources for Education) Grant, Cal Grants B and C.
• 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 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 elementary, middle 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 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 516 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, community college fee waivers, Cal Grant and Chafee Grant. Therefore, AB 540 students are allowed to apply for the following types of financial aid:
• Board of Governors Fee Waivers (BOG) beginning in the Spring of 2013.
• Cal Grants from EOPS or Cal WORKS
• Privately-funded scholarships
If eligible for the AB 540, students must:
• Contact the Admissions and Records Office to complete the Affidavit form and provide the required 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 enter a California Dream Act
• Application at: https://dream.caasc.ca.gov/

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 if you have 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 enrollment fees and tuition charged during the year (not when payments are received).

If the student is a dependent (for income tax purposes), the student must call the Business Office, indicating the parent(s) name, social security number, and mailing address. The Internal Revenue Service requires this information be included with the student’s information or the parent will not be able to deduct the fees for tax purposes. It is the student’s responsibility to provide this information each calendar year since the College does not determine tax dependency.

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Vehicle Jumpstart Courtesy Service: Our police vehicles are equipped with battery jumpstart systems to allow officers to attempt to assist motorists who have discharged or 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 jumpstart 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 YCCPD 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 online sex offender registration website at: http://meganlaw.ca.gov.

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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 the campus 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 Campus Wellness Center, the Office of Student Support Services 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 Wellness Center. More in-depth information is available through the CHEF program and courses.
- Information regarding resources for drug or alcohol counseling and treatment are available through the Campus Assistance Program.

The office of the Vice President of Academic and Student Services will keep records of all disciplinary actions and evaluate consistency of all enforcement.

Music

The Music Department provides a stimulating environment for the study, development, and recognition of the creative spirit. Students can participate in various performing ensembles, including Chamber Singers, Concert Choir, Jazz Band and Symphonic Band, or learn to make music through classes in piano, guitar or voice. More serious students of music fulfill the required curriculum for an AA or ADT 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 educational programs.

Smoking Policy

Smoking, or the use of tobacco, is prohibited within all Yuba College buildings, including restrooms, dining areas, classrooms, laboratories, library, gymnasium, offices, and the theater, along with any other interior building area, including such space made available by the use of a canopy. Smoking is only permitted on the Yuba College, Clear Lake Campus and Sutter County Center in outside open areas. Smokers are encouraged to deposit cigarettes, ashes, and matches in receptacles to maintain a refuse-free campus.

The Statement of Grievance must be filed whether or not a student feels that sufficient ground for removal of a member of the Grievance Hearing Committee if that person has been personally involved in any matter giving rise to the grievance, has made any statement on the matters at issue, or could otherwise not act in a neutral manner. Any party to the grievance may challenge for cause any member of the hearing committee if that person has been personally involved in any matter giving rise to the grievance, has made any statement on the matters at issue, or could otherwise not act in a neutral manner. Any party to the grievance may challenge for cause any member of the hearing committee if that person has been personally involved in any matter giving rise to the grievance, has made any statement on the matters at issue, or could otherwise not act in a neutral manner. 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Academic Regulations and Information

The College reserves the right to change any College rule or regulation, including the arrangement 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 Integrity 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, he/she 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 to the student upon request, in the presence of the student or a student designated counselor or 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) he/she wishes to inspect. Staff will make arrangements for access and notify the student of the time and place where the records 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.

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 advise the student of his or her 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 lawfully issued subpoena.

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 reflective 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 successfully 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 “C” (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 by the YCCD.

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 his or her tasks.

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 record, data is kept only as long as it is pertinent. If a student wishes to do so, the student may petition the College to comply with the requirements of FERPA.

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

The petition arises out of a consultation between the student and a counselor. The petition must be in writing and signed by the student. The petion must petition.

Students seeking Academic Renewal must petition the Academic Integrity Committee. The petition takes all of the responsibilities and procedures of Academic Renewal as evidenced by the College's current educational objectives should be discussed with a counselor and the counselor's recommendation should be included on the petition.

YCCD will honor similar actions by other accredited colleges and universities in determining grade point averages and credits. However, students should be aware that all coursework subject to revaluation by each subsequent college.

Advanced Standing/Transfer of Credit

A student who presents (via direct mail from the college previously attended) an official transcript or a sealed official envelope or electronically received from previous college attended) a transcript of record showing satisfactory scholarship and honesty (transcript may be admitted to the College with Advanced Standing. No previous college transcript may be disregarded.

Credit for lower division courses taken previously at another college or university will be allowed toward the Associate in Arts in Science degree only if the former institution was accredited by one of the regional accrediting associations. (Accredited institutions are those so designated by one of the regional accrediting associations: Western Association of Schools and Colleges, Middle States Association of Colleges and Schools, North Central Association of Colleges and Schools, Northwest Association of Colleges and Schools, and Southern Association of Colleges and Schools.)

All such college transcripts will be evaluated. Only lower division courses determined to be associate degree level will be accepted for transfer credit. Credit will also be allowed for college-level USASI courses (but not for USAFI GED tests). Credit will also be given for the College-Level Examination Program and General Examinations of the College Entrance Examination Board (CLEP).

2015-2016 Catalog
Academic Regulations and Information

Athletic Eligibility

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

- All students who are continuously enrolled in a minimum of 12 units are eligible for initial collegiate participation. Nine units must be attempted in academic areas.
- To maintain eligibility, Athletes must 1) pass 6 units in their previous full time semester; 2) be continuously enrolled in 12 units during their season of competition
- To participate in a second sport an 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
- To participate in a second season of the same sport, an athlete must be enrolled in 12 units (nine of which are academic units), have completed 24 units (18 units must be academic in nature), and have at least a 2.0 GPA.

For additional information about eligibility requirements, refer to the Athletic Constitution of the California Community College Athletic Association (CCCAA), Northern California Football Conference, and the constitution of the Bay Valley Conference.

Attendance

A student is expected to attend all sessions of each class in which enrolled. Attendance is the student’s responsibility. Any student who ceases to attend a class in which enrolled. Attendance is the student's responsibility. Any student who ceases to attend a class in which enrolled. Any student who ceases to attend a class in which enrolled. Any student who ceases to attend a class in which enrolled. Attendance is the student's responsibility. Any student who ceases to attend a class in which enrolled. Any student who ceases to attend a class in which enrolled. Any student who ceases to attend a class in which enrolled. Any student who ceases to attend a class in which enrolled. Any student who ceases to attend a class in which enrolled. Any student who ceases to attend a class in which enrolled.

Auditing Class

The Yuba Community College District Governing Board has adopted the following guidelines authorizing the auditing of courses pursuant to Education Code Section 76370.

- Auditors must be eligible for admission to the College as having a learning disability.
- Auditors must be eligible for admission to the College as having a learning disability.
- Students enrolling for credit will have priority in all credit classes. Auditing will be permitted only at the conclusion of the late registration period.
- Auditors will complete an Auditor Application Form, which must be signed by appropriate instructor. Faculty members instructing audit eligible courses have the right to refuse auditors.
- The completed Auditor Application Form must be filed with the Admissions and Records Office.

A non-refundable audit fee of $15 per unit will be payable at the time of enrollment by the auditor, plus the Student Health Fee.

Auditors will not be charged the regular Enrollment Fee which is paid for credit enrollment, and the Nonresident Tuition Fee will not apply.

Course costs will be charged to auditors where appropriate.

Auditors must purchase parking permits to park on campus.

Auditors must meet course prerequisites.

No transcript of record will be maintained for audited classes.

Auditors will not be counted in enrollment-based decisions about maintaining or canceling classes.

No transfer from audit to credit status or the reverse will be permitted.

Audited classes do not count toward units for any purpose, e.g., financial aid, veteran’s benefits, full-time student status.

Authority of Instructors

Every student is required to attend class regularly and instructors may report to the counselors and to the Dean the names of students whose attendance or work is unsatisfactory. The instructor has the right to drop any student with excessive absences (as defined by instructor) which, in the instructor’s judgment, will prevent the student from meeting the objectives of the course.

Pursuant to the Code of Conduct for Students, an instructor may remove a student from her or his class for the day of the removal and the next class meeting. The instructor shall immediately report the removal to the President. The President or designee shall initiate a review process to determine whether or not there are sufficient grounds to remove the student permanently from the class.

Basic Skills Pre-Collegiate Course Limitation

State regulations specify that students may take no more than 30 semester units in "Pre-collegiate Basic Skills" courses. This regulation applies to all courses numbered 100-199, except ESL (English as a Second Language) courses and for students identified by the College as having a learning disability.

Students who are not eligible to move into collegiate level courses upon completion of the maximum 30 semester units of basic skills are referred to adult education for future skill development and will be dismissed from attending Yuba College pre-collegiate courses. Consult with a counselor if you are approaching this limit.

Catalog Rights

Students who have a notation (grade or "W") on their academic transcript in at least one semester of a calendar year receive “catalog rights.” Summer session does not count for catalog rights. Catalog rights refer to the regulations determining graduation requirements. Students may elect the requirements in effect in the year they began their study within the Yuba Community College District or in the year they graduate from Yuba College. Once catalog rights are established, absence related to an approved educational leave or for attendance at another accredited institution is not to be considered an interruption, providing the above attendance criteria are met.

While catalog rights hold degree requirements (except for multicultural and health/PE), 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. Catalog rights do not apply to the multicultural graduation requirement (see “Graduation Requirements”). Classes used to meet the multicultural graduation requirement must have been approved to satisfy the multicultural requirement at the time the class was taken.

CLEP Exam Credit Acceptance Policy

Yuba College welcomes students from a wide variety of backgrounds and experiences. It is recognized that many students bring with them a depth of knowledge in certain subjects and honor that knowledge by accepting College-Level Examination Program (CLEP) examinations for credit in appropriate classes.

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.

General Examinations Credits Offered Course Equivalent

<table>
<thead>
<tr>
<th>Subject Examinations</th>
<th>Credits Offered</th>
<th>Course Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td></td>
<td></td>
</tr>
<tr>
<td>College Composition</td>
<td>6 ENGL 1A+</td>
<td>ENGL 1A</td>
</tr>
<tr>
<td>College Composition Modular</td>
<td>4 ENGL 1A+</td>
<td>ENGL 1A</td>
</tr>
<tr>
<td>American Literature</td>
<td>2 ENGL 2A</td>
<td>ENGL 2A</td>
</tr>
<tr>
<td>Analysis &amp; Interpretation</td>
<td>3 ENGL 2B</td>
<td>ENGL 2B</td>
</tr>
<tr>
<td>Spanish Language 2</td>
<td>3 ENGL 2C</td>
<td>ENGL 2C</td>
</tr>
<tr>
<td>French Language 2</td>
<td>3 ENGL 2D</td>
<td>ENGL 2D</td>
</tr>
<tr>
<td>German Language 2</td>
<td>3 ENGL 2E</td>
<td>ENGL 2E</td>
</tr>
<tr>
<td>History</td>
<td>4 ENGL 2F</td>
<td>ENGL 2F</td>
</tr>
<tr>
<td>World History</td>
<td>4 ENGL 2G</td>
<td>ENGL 2G</td>
</tr>
<tr>
<td>American History 1</td>
<td>4 ENGL 2H</td>
<td>ENGL 2H</td>
</tr>
<tr>
<td>American History 2</td>
<td>4 ENGL 2I</td>
<td>ENGL 2I</td>
</tr>
<tr>
<td>American History 3</td>
<td>4 ENGL 2J</td>
<td>ENGL 2J</td>
</tr>
<tr>
<td>Methods of Teaching</td>
<td>4 ENGL 2K</td>
<td>ENGL 2K</td>
</tr>
<tr>
<td>Social Studies</td>
<td>4 ENGL 2L</td>
<td>ENGL 2L</td>
</tr>
<tr>
<td>Physical Education</td>
<td>4 ENGL 2M</td>
<td>ENGL 2M</td>
</tr>
<tr>
<td>Health Education</td>
<td>4 ENGL 2N</td>
<td>ENGL 2N</td>
</tr>
<tr>
<td>Science</td>
<td>4 ENGL 2O</td>
<td>ENGL 2O</td>
</tr>
<tr>
<td>Math</td>
<td>4 ENGL 2P</td>
<td>ENGL 2P</td>
</tr>
<tr>
<td>English</td>
<td></td>
<td></td>
</tr>
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<td>Science</td>
<td>4 ENGL 2O</td>
<td>ENGL 2O</td>
</tr>
<tr>
<td>Math</td>
<td>4 ENGL 2P</td>
<td>ENGL 2P</td>
</tr>
</tbody>
</table>

* Credit cannot be earned in both classes.

Note: Italicized courses are no longer offered by CLEP.
Academic Regulations and Information

DSST Exams

<table>
<thead>
<tr>
<th>Test</th>
<th>Units</th>
<th>Equivalent Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Astronomy</td>
<td>3</td>
<td>ASTRO 1</td>
</tr>
<tr>
<td>Business Mathematics</td>
<td>5</td>
<td>MATH 22</td>
</tr>
<tr>
<td>Criminal Justice</td>
<td>5</td>
<td>SOC 103</td>
</tr>
<tr>
<td>Environment &amp; Human Values</td>
<td>4</td>
<td>SOC 101</td>
</tr>
<tr>
<td>Fund. of College Algebra</td>
<td>3</td>
<td>MATH 111</td>
</tr>
<tr>
<td>Here's to Yuba College</td>
<td>3</td>
<td>SOCS 101</td>
</tr>
<tr>
<td>Human Cult. Geography</td>
<td>3</td>
<td>HIST 101</td>
</tr>
<tr>
<td>Introduction to Computing</td>
<td>3</td>
<td>COMS 100</td>
</tr>
<tr>
<td>Introduction to Law Enforcement</td>
<td>3</td>
<td>POL 101</td>
</tr>
<tr>
<td>Lifespan Development Psy</td>
<td>3</td>
<td>PSYCH 101</td>
</tr>
<tr>
<td>Organizational Behavior</td>
<td>3</td>
<td>MGMT 101</td>
</tr>
<tr>
<td>Physical Geology</td>
<td>3</td>
<td>GEOG 101</td>
</tr>
<tr>
<td>Principles of Financial Acct</td>
<td>3</td>
<td>BUS 201</td>
</tr>
<tr>
<td>Physical Science I</td>
<td>4</td>
<td>PHYS 201</td>
</tr>
<tr>
<td>Principles of Physical Science</td>
<td>3</td>
<td>PHYS 202</td>
</tr>
<tr>
<td>Principals of Public Speaking</td>
<td>3</td>
<td>SPECH 101</td>
</tr>
<tr>
<td>Principles of Statistics</td>
<td>3</td>
<td>STAT 101</td>
</tr>
<tr>
<td>Principles of Supervision</td>
<td>5</td>
<td>MGMT 201</td>
</tr>
<tr>
<td>Economics-Macro</td>
<td>3</td>
<td>ECON 101</td>
</tr>
<tr>
<td>Economics-Micro</td>
<td>3</td>
<td>ECON 201</td>
</tr>
<tr>
<td>English Language/Comp</td>
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<td>ENGL 101, 201</td>
</tr>
<tr>
<td>English Literature/Comp</td>
<td>6</td>
<td>ENGL 202</td>
</tr>
<tr>
<td>European History</td>
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<td>HIST 201</td>
</tr>
<tr>
<td>French Language**</td>
<td>8</td>
<td>FRENCH 1, 2</td>
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<tr>
<td>German Language**</td>
<td>8</td>
<td>GERMAN 1, 2</td>
</tr>
<tr>
<td>German Literature**</td>
<td>8</td>
<td>GERMAN 1, 2</td>
</tr>
<tr>
<td>Comparative Government and Politics</td>
<td>3</td>
<td>POLS 201</td>
</tr>
<tr>
<td>Mathematics Calculus AB</td>
<td>4</td>
<td>MATH 101</td>
</tr>
<tr>
<td>Mathematics Calculus BC</td>
<td>4</td>
<td>MATH 102</td>
</tr>
<tr>
<td>Music Theory</td>
<td>3</td>
<td>MUSC 101</td>
</tr>
<tr>
<td>Physics B</td>
<td>4*</td>
<td>PHYS 201, 202</td>
</tr>
<tr>
<td>Physics C Mechanics</td>
<td>4*</td>
<td>PHYS 301, 302</td>
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<tr>
<td>Physics C Elect. &amp; Magnetism</td>
<td>4*</td>
<td>PHYS 201, 202</td>
</tr>
<tr>
<td>Psychology</td>
<td>3</td>
<td>PSYCH 101</td>
</tr>
<tr>
<td>Spanish Language</td>
<td>3</td>
<td>SPANISH 101</td>
</tr>
<tr>
<td>Spanish Literature</td>
<td>3</td>
<td>SPANISH 201</td>
</tr>
</tbody>
</table>

*Equivalent courses are at the college level in the same subject matter.
**Equivalent course must be at the college level.

College Board Advanced Placement

Yuba College grants college credit for successful completion of Advanced Placement Program Examinations of the College Board. Students who complete special advanced placement courses and who meet scores of three or higher (3, 4, or 5) for the Advanced Placement Examinations to the Admissions and Records Office will receive units and a “P” grade for special advanced placement courses and who present College Board Advanced Placement Program Examinations. Credit may not be awarded in both categories.

Credit By Examination

Advanced standing credit, with a “P” notation, is allowed upon evidence of successful completion of: (1) College Level Examination Program General Examinations of the College Entrance Board, scoring at or above the 25th percentile (credit may not be awarded for CLEP if prior credit has been earned in a college course in the same subject matter); (2) Proficiency Examination Program (PEP) administered by the National College Testing Program. California State University and College Board Advanced Placement Examinations administered by the College Board, College Credit may not be awarded until applicant has become a student at Yuba College.

Credit For Military Experience

Upon application, the College will evaluate military records to determine if a student may be awarded advanced standing 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 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. Credit may also be allowed for college level USAFI courses (but not for USAFI GED tests).

Computer and Network Usage Policy

The Yuba Community College District Board of Trustees, in granting access to College computers and networks, expects that students, in their use of these systems, will adhere to legal and ethical standards consistent with the College’s mission. The Board hereby directs the administration to develop regulations and procedures setting forth the specific responsibilities and obligations related to use of college computers and networks. The administration shall also establish disciplinary procedures to enforce this policy that are consistent with policies and laws governing the conduct of students.

Academic Regulations and Information

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 a 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. Have completed courses in the same subject matter,
3. Have completed at least 12 units from YCCD classes 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 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.

Examination Information

Directory Information

Student records are maintained in compliance with applicable federal and state laws relating to the privacy of student records.

Any currently enrolled or former student of the District has a right of access to and all student records relating to him or her maintained by the District.

No District representative shall release the contents of a student record to any member of the public without the prior written consent of the student, other than directory information, and information sought pursuant to a court order or lawfully issued subpoena, or as otherwise authorized by applicable federal and state laws.

Directory information shall include: name, address, telephone number, date and place of birth, major field of study, student participation in officially recognized activities and sports including weight, height and high school and college grade point average, dates of attendance, and the most recent public or private school attended by the student. However, 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.

Students wishing to limit directory information release even more may file a request at the Admissions and Records Office within seven calendar days of registration.

Examinations

Midterm and Final Examinations may be given in all courses. Final Examination Schedule is posted in all courses. Examinations are given as listed on the Final Examination Schedule. No student exception may be allowed to the Schedule except upon approval of an individual Student Petition by the Academic Integrity Committee. Such exceptions will be allowed only in the case of extreme emergency.

Exemption 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/alum- ni 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- turn/replace any College equipment for which responsible.
Academic Regulations and Information

Grade Point Average (GPA)- Computing

The GPA is computed by dividing the total grade points by the total units attempted in the following manner:

1. Grade points are computed by multiplying the number of units represented by an individual course by the grade point value assigned to the grade. For example, a 3-unit course with a grade of "B" is 9 grade points ("B" 3 grade points x 3 units attempted). See "Grading" section for grade point values.

2. The total number of grade points earned in all courses is divided by the total number of units attempted. The result is the GPA.

Grades

Semester grades are permanent and are not changed unless extenuating circumstances are involved. Students who believe there is an error concerning their grade should call the instructor. If the instructor agrees there is an error in the grade, the instructor will submit an online Change of Grade Form to the Admissions and Records Office. If the instructor does not agree there is an error in the grade and the student wishes to pursue the matter further, the student should meet with the Division/Campus Dean concerning the appeal process.

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>

Academic Regulations and Information

Graduation

Yuba College has a formal graduation ceremony once a year (at the end of the spring semester), but the student may petition to graduate at the end of Fall (November), Spring (April), or Summer (July) terms. Students must apply to graduate prior to the deadline in order to be considered.

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.

All students, including transfers from other colleges, are encouraged to complete a placement examination (see “Placement Examination” information). A student must have a 2.0 grade point average in associate degree level work completed at campuses within the Yuba Community College District as well as a 2.0 overall associate degree level course work GPA, and completion of 12 units of associate-degree-level course work in the College in order to graduate.

Students desiring to graduate may work toward the Associate in Arts or Associate in Science degree. Students who believe they may continue their education at a four-year college or university should also plan to complete the General Education requirements for transfer and consult a counselor.

General Education Philosophy Statement: “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.”

Honors List

Honors Achievement recognizes students who have maintained at least a “B” (3.0) grade point average in 12 or more graded units during that semester (does not count classes with pass/no pass grades). Honors achievement will be noted on the student’s transcript.

Academic Regulations and Information
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 four-year 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.

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

- Successful completion of the prerequisite course.
- Appropriate placement score on the Yuba College Placement Examination.
- Official grade report or transcript from another college/school showing successful completion of the prerequisite.
- Approved Prerequisite Challenge Form (Challenge Forms are available from the Counseling Office at Yuba College; Clear Lake Campus, Sutter County Center and Beale AFB Outreach Services, the forms are available from the site administrator.)

Students may be dropped from a class for not having completed the prerequisite. Such action may also result in a student losing Financial Aid, Veteran's Benefits, etc., since the drop may result in the student's units falling below full-time/part-time status.

"Corequisites" are those courses which must be taken concurrently. Corequisites provide the necessary skill or supplementary body of knowledge or laboratory time during one course to help assure success in the other course.

Policy for Petitioning or Waiving Course Prerequisites

Course placement is determined by a process in which the student and counselor review all assessment criteria available. Students who wish to petition for a required course are to contact the Counseling Office at the other sites to request the Notification of Emergency Absence.

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 "PINP" 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 "PINP" 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. The student should consult a counselor to discuss transferability of courses placed on the Pass/No Pass option. 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. Students can change the grading mode in accordance with these procedures at any time until the 30% points are recorded reaches or exceeds fifty percent (50%).

Courses 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.

Prerequisites/required courses may be waived based on 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 "PINP" 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 "PINP" grading is indicated in the course description section of this Catalog and Schedule of Classes.

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In compliance with the Student Right to Know and Campus Security Act of 1990 (Public Law 101-542), it is the policy of the District to make available its completion and transfer rates to all current and prospective students. Beginning in Fall 2009, a cohort of all certificate, degree, and transfer-seeking first-time, full-time students were tracked over a three-year period. Their completion and transfer rates are listed above. These rates do not represent the success rates of the entire student population at the College nor do they account for student outcomes occurring after this three-year tracking period. Based upon the cohort defined above, a Completer is a student who attained a certificate or degree or became transfer prepared during a three-year period, from Fall 2009 to Spring 2012. Students who have completed 60 transferable units with a GPA of 2.0 or better are considered "transfer-prepared." Students who transferred to another post-secondary institution, prior to attaining a certificate, degree, or becoming "transfer-prepared" during a five semester period, from Spring 2010 to Spring 2012, are transfer students.

Standards for Probation/Dismissal

Students are subject to "Probation" and/or "Dismissal," for reasons of deficient scholarship, in accordance with the provisions of Sections 55031 through 55034 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. Students Services. Challenges at other locations should be filed with the executive dean or site administrator.

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Academic Regulations and Information
Academic Regulations and Information

REMOVAL FROM PROBATION: A student is removed from Academic 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", "NC" and "NP" grades drop below 50% of the accumulated units of completion as shown on the student’s transcript.

PROCEDURES AND REGULATIONS: While on the first semester of Academic and/or Progress Probation, the maximum number of units for which a student may register is 18. The counselor may, and often will, reduce this maximum. The maximum is reduced to 12 units for a student who is on second semester of probation. If, after the end of the semester, it becomes necessary to place the student on Academic or Progress Dismissal, the student will be notified by the Dean, Student Services. An interview must then be scheduled by the student with a counselor. Regulations governing activities of students on Academic or Progress Probation are determined and enforced by the Academic Integrity Committee. For those on Disciplinary Probation, see the provisions of the Yuba College Code of Conduct for Students.

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 Dean, Student Services when evidence of academic improvement or extenuating circumstances exist.

Students who feel they have extenuating circumstances with regard to these regulations should see a counselor and file a petition with the Dean, Student Services. The Subcommittee may conditionally reinstate a student when the circumstances are justifiable. Justifiable circumstances include accidents, illnesses, changes in working conditions, and other reasons beyond the student’s control.

READMISSION. A dismissed student may petition for readmission (on probation) after consultation with a counselor. The counselor will help the student select appropriate classes, limit the number of units of enrollment, develop an Educational Plan, and set up a visitation schedule to check the student’s progress during the semester of readmission.

NOTE: Students receiving financial aid must refer to the current Financial Aid Handbook concerning Probation Status. Students receiving veteran’s benefits should call 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.

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 (fewer than 4 units in summer session).

SPECIAL PART-TIME STUDENT: concurrent 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 has not completed all course and unit requirements for the Associate in Arts or Associate in Science, or any higher degree.

Student Definitions

• Continuing Student. A student who was enrolled in the previous semester (excluding summer session).
• New Student. A student who has never attended any college.
• 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.
• Returning Transfer Student. A student who attended a Yuba College class, then attended another institution, and plans to attend a Yuba College class again.

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.

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

Academic transcripts are not provided for students who withdraw from the College for the following reasons: during the first four weeks of a semester, during the first week of summer session, for students enrolled in non-credit or fee courses. The Admissions and Records Office will accept a fax request with identifying information for transcripts if the transcript is to be sent to another educational institution. The student should include social security/ID number, name, birth date, name used during attendance, address, and last year attended.

Transcripts will not be released for students who have holds placed on records for outstanding obligations to the College. Transcript fees must be paid at the time of the request.

2015-2016 Catalog
Graduation Requirements

Yuba College has established institutional graduation requirements. Currently, these are Health/PE and Multicultural graduation requirements. The courses used to satisfy these requirements must be listed on the specific Multicultural and Health/PE sections of the approved Graduation requirements checklist at the time the courses are taken. These requirements are not based on catalog rights.

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 examination 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 a “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 50 as a prerequisite; or
   b. Any higher level mathematics or statistics course.

REQUIREMENT 2: All students must complete 18 units of general education with a “C” or better, selecting at least 3 units each from Areas A, B, C, D1 (4 units), D2 and E below.

AREA A. NATURAL SCIENCE (Select 3 units)

Agriculture 45, 45L
Anthropology 1
Astronomy 1
Biology 1, 10, 10L, 11, 15, 24, 25
Chemistry 1A, 1B, 2A, 10
Ecology 10, 12
Geography 1
Geology 10, 10L, 11L, 12, 20
Physical Science 10A, 10B
Physics 2A, 2A, 2A, 10*
Plant Science 20, 20L, 22, 22L

AREA B. SOCIAL SCIENCE (Select 3 units)

Administration of Justice 10
Anthropology 2, 3
Early Childhood Education 3
Economics 1A, 1B
Ethnic Studies 1, 15*
Geography 2
History 1A, 4A, 4B, 5A, 5B, 6, 7, 8, 11*, 14, 15, 16A, 16B, 17A, 17B, 29*
Philosophy 6
Political Science 1, 6, 7
Psychology 1A, 12, 22, 31, 33, 41, 46
Sociology 1, 2, 5, 6, 10

AREA C. HUMANITIES (Select 3 units)

Administration of Justice 1*
Art 1A, 1B, 1C, 5, 20
Asian-American Studies 31
Early Childhood Education 21*
English 1B, 2, 23, 30A, 30B, 33, 34, 36, 37, 38, 42, 46A, 46B
French 1
Humanities 3, 5, 10, 11, 12, 17, 26A, 31, 33, 34
Music 1, 1A, 12, 13, 15, 16, 17, 35
Philosophy 1, 2, 3, 20
Sign Language 1, 2, 3
Spanish 1, 2, 3, 4, 10, 20A, 20B
Speech 2
Theatre Arts 10, 33, 34

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

REQUIREMENT 4: All students are required to successfully complete either: Health 1, 4 or 13 OR two Physical Education activity courses one of which must be selected from the following:

Physical Education 1 121, 122, 126, 21.7, 37, 1.57, 1.59, 3, 4, 6, 7

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 of active military service are exempt from this requirement.

AREA D. LANGUAGE AND RATIONALITY

D1. ENGLISH COMPOSITION

English 1A

D2. COMMUNICATION AND ANALYTICAL THINKING (Select 3 units)

Business Computer Applications 15
Computer Science 2, 6, 9A, 9B, 10L
Electronics Technology 25
Engineering 10
English 1C
General Business 55
Mathematics 1A, 9, 10, 15, 20, 21, 25, 51, 52
Philosophy 6, 12
Political Science 6
Sociology 1
Speech 1, 3, 6, 7, 8, 15*
Statistics 1

AREA E. ELECTIVES (Select at least 3 additional units)

1. A second course from any Area above; OR
2. Documentation of active military service (may also be used to meet Requirement 4 (Health/P.E.); OR
3. Course(s) listed below:

   a. Accounting 1L, 1A
   b. Administration of Justice 10, 30
   c. Art 18
   d. Automotive Technology 21, 22
   e. Counseling 10, 25
   f. Family and Consumer Science 10
   g. General Business 10, 25
   h. Health 1, 13
   i. Human Services 11
   j. Philosophy 6
   k. Physical Education courses
   l. Political Science 6, 7

REQUIREMENT 5: All students are required to fulfill the Multicultural Graduation Requirement (MGR) by completing three or more units from the following courses or the programs listed below:

   a. AJ 19, Anthropology 2
   b. Art 1A, 3B, 5, 20
   c. Asian American Studies 31
   d. Early Childhood Education 27
   e. Education 1
   f. English 30A, 30B, 36, 37 History 5A, 5B, 6, 7, 14
   g. Human Services 11
   h. Humanities 5, 12, 16, 17, 26B, 31, Music 12, 16, 17
   i. Philosophy 1, 3, 20
   j. Political Science 7
   k. Sociology 5
   l. Spanish 20A, 20B, 30; Speech 8

Completion of the following programs also fulfills the multicultural-graduation requirement: Basic Police Academy, Associate Degree in Nursing, Psychiatric Technology, Radiologic Technology, and Veterinary Technology.

REQUIREMENT 6: All students are required to complete a minimum of 60 semester units in lower division associate degree level courses with at least a 2.0 (“C”) grade point average. The grade point average that is calculated for associate degree purposes only counts units and grade points earned in associate degree level classes. Non-associate degree credit courses (numbered 100-199 and 200-299) completed fall 1989 and thereafter will not count toward the associate degree. For courses completed between July 1, 1983, and July 30, 1989, a maximum of 6 semester units of courses numbered 100-199 may be counted toward this requirement. All courses numbered 200-299 completed prior to fall 1989 may be counted toward this requirement.

REQUIREMENT 7: 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 Community College District.

REQUIREMENT 8: All students wishing to graduate must file a petition as a Candidate for Graduation. Deadline dates to apply are: Fall-November 15; Spring-April 15; Summer-July 1.

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 he/she has met the graduation requirements.

* Class is taught only at Woodland Community College

Yuba College 2015-2016 Catalog
Transfer Preparation and Information

- You will find some of the college or university preparatory curricula in the following pages.
- You will find the requirements for junior standing at the University of California and the California State University system on the following pages.
- You must see your counselor for specific requirements for other higher institutions.
- Unless specifically exempt by statute, all courses of study (programs), regardless of where offered, are open to members of the public who are otherwise eligible for admission to the College. Where prerequisites are necessary, they are academic in nature and may take the form of a course to complete, or a qualifying score to earn on a placement exam.

ASSIST

The Articulation System Stimulating Interinstitutional Transfer Student (ASSIST) is a computerized information system that provides students with detailed course transfer and articulation information to help them plan their academic careers, facilitate a seamless transfer process, and reduce the number of redundant courses they may take as they move from Community Colleges to universities.

The ASSIST database includes the most current official articulation agreements that every CSU and UC campus has established with any of the 112 California Community Colleges. ASSIST also includes the following complete and historical information for all 112 California Community Colleges — CSU Transferable Courses; IGETC Course Lists; UC Transferable Courses; UC Transfer Admission Eligibility Courses.

ASSIST operates as California’s official statewide source for course articulation and transfer information and is available to all students, faculty and staff via the Internet at www.assist.org.

Preparation for Transfer

The requirements listed in the following section are subject to change without notice. Check with your Yuba College counselor and the Transfer Center periodically for updated information.

PREPARATION FOR ADVANCED STANDING AT FOUR-YEAR UNIVERSITIES AND COLLEGES.

Yuba College offers freshman and sophomore courses towards a four-year university bachelor’s degree. These courses are considered lower division work and represent the first two years of a four year degree. Since course requirements for graduation vary between colleges, it is to the student’s advantage to choose the university or college to which he or she plans to transfer as early as possible. Complete the courses at Yuba College which best satisfy the lower division course requirements at that particular college or university to which the student ultimately transfers.

Lower division course requirements typically include “general education” and “major” course requirements. A “major” is considered the students “field of study”.

For more up-to-date, detailed, or extensive information regarding transfer requirements, students are encouraged to meet with a Yuba College counselor to discuss their options for transfer. The Transfer Center maintains and provides general education articulation sheets which include general education requirements for transfer to universities. Students are encouraged to discuss their transfer strategy with a University representative who periodically visits the Transfer Center to students interested in transferring should also be aware of critical application filing periods and procedures. This information can be obtained in the Transfer Center and from the counselors.

STUDENT’S RESPONSIBILITY FOR MEETING TRANSFER REQUIREMENTS. Students are advised to obtain a copy of the catalog from their chosen transfer college. Counselors provide assistance, but it is up to each individual student to decide upon an educational goal, to take the responsibility for devising a long-range educational plan to achieve this goal, to read the college catalog from the transfer college or university of choice, and then to choose the appropriate Yuba College courses to satisfy the requirements for transfer to that college or university.

TRANSFER TO A UNIVERSITY OF CALIFORNIA SYSTEM AND CALIFORNIA STATE UNIVERSITY SYSTEM.

California Community College students can use the General Education Transfer Curriculum (IGETC) to fulfill lower division general education requirements at nearly all California State University or University of California college systems. Refer to www.assist.org on page 54.

TRANSFER COURSE IDENTIFICATION TO UC AND CSU SYSTEMS. The status of a transfer course is indicated next to the course title in the “Programs and Courses” section of this Catalog. If the course is transferable, the designator “Transferable to:” appears. “Transferable to: CSU” indicates that the course credit transfers to all of the California State Universities for (at least elective credit). “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 (for at least elective credit). If the designator “unit limitation” appears (i.e., Transferable to: CSU/UC Unit Limit), the transferability of the course is limited to transfer to lower division credit for a specified number of elective credits. When combined with other courses in the discipline, the unit limitation is subject to change without notification. Check with a counselor for current information.

TRANSFER TO INDEPENDENT COLLEGES AND UNIVERSITIES.

Admission requirements, course transferability, and course credit allowed at independent colleges and universities vary. Students should consult the catalog of the college or university of their choice courses for graduation. Consult a Yuba College counselor to clarify admission standards.

ADVANCED STANDING SELECTION CRITERIA TO THE UNIVERSITY OF CALIFORNIA. The University makes every effort to admit applicants to any one of its campuses. The applicant must meet the minimum admission requirements, and file an application during the appropriate filing period. In recent years, the number of applicants for some campuses and some majors has far exceeded the number of spaces available. When a campus cannot accept all eligible applicants, it uses standards that are more demanding than the minimum requirements to select students. The criterion is listed below.

Academic Criteria

1. Completion of a specified pattern or number of courses that meet general education or breadth requirements.
2. Completion of a specified pattern or number of courses that provide continuity with upper division courses in the major.
3. GPA in all transferable courses.
4. Participation in academically selective honors courses or programs.

Supplemental Criteria:

1. Special talents, interests, or experiences, beyond those indicated by the academic criteria, that demonstrate unusual promise of leadership, achievement, and service in a particular field such as civic life or the arts.
2. Special circumstances that have adversely affected the applicant’s life experiences. These circumstances may include, for example, disabilities, personal difficulties, low family income, refugee status, or veteran status.

CALIFORNIA STATE UNIVERSITY SYSTEM LOWER DIVISION REQUIREMENTS. California State University system requirements vary slightly from campus to campus and from major to major. Students should consult the catalog of the State University campus of their choice and their counselor at Yuba College.

The California Administrative Code, Title V, Section 40409, stipulates that up to 70 semester (105 quarter) units of credit, excluding credit granted for military service, may be transferred from a community college to any State University campus. Students must be certain; however, to select courses at Yuba College appropriate to the major, and to the State University campus which they have selected to attend. When otherwise appropriately selected, any Yuba College course numbered 1 through 49 is considered eligible for transfer under this law.

State law compels all State University campuses to require a minimum of 48 units of General Education; 39 units, usually completed in lower division, and the remaining 9 units in upper division. See the following pages for more information.

Many four-year institutions may require Ethnic Studies courses for graduation. Consult a Yuba College counselor to ensure this requirement is met.

NOTICE: California State University students must take the English Placement Test (EPT) and the English Language Development (ELD) before or during their first semester to determine proper placement in English and mathematics courses. The consequences for not taking the tests on time are serious.

Students will be exempt and not have to take these tests if they have taken an approved college composition course with a grade of “C” or better, and an approved General Education mathematics course above the level of intermediate algebra with a grade of “C” or better. Consult with your counselor for further information.

Yuba College
Transfer Preparation and Information

**ADMISSION REQUIREMENTS TO THE CALIFORNIA STATE UNIVERSITY.** Community college students may be admitted to the CSU system as either upper division or lower division transfers depending on space availability. Upper division transfers (students with 60 or more CSU transferable units) will be given priority consideration for admission. Eligibility will be based upon academic performance at the college level. Lower division transfers will only be admitted if space permits, and eligibility was established at the high school level.

**Associate Degree for Transfer**

A Degree with a Guarantee

**ASSOCIATES DEGREES FOR TRANSFER. REQUIREMENTS FOR THE ASSOCIATE IN ARTS FOR TRANSFER (AA-T) OR ASSOCIATE IN SCIENCE FOR TRANSFER (AS-T).** Community college students may complete an 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.

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 Breadth) pattern or the Intersegmental General Education Transfer Curriculum (IGETC). All general education courses must be completed with a minimum “C” grade. If necessary, a student may need to complete transferable elective credit to ensure that 60 transferable units have been completed with a minimum grade point average (GPA) of 2.0.

Successful completion of an Associate Degree for transfer guarantees a student admission to the CSU system (but not necessarily the specific university of your choice) upon successful completion of the CSU admissions process.

**MAKING UP MISSING COLLEGE PREPARATORY COURSES.** To be eligible for admission to the California State University as a freshman, a student who graduated from high school after June, 1984, must have completed, with grades of “C” or better, four years of high school college preparatory English, four years of high school college preparatory mathematics, one year of United States History, one year of laboratory science, two years of foreign language, one year of visual or performing arts, and three years of electives, in addition to meeting the eligibility index.

Students who enter college fall, 1988, or later must have completed, four years of high school college preparatory English, four years of high school college preparatory mathematics, one year of United States History, one year of laboratory science, two years of foreign language, one year of visual or performing arts, and three years of electives, in addition to meeting the eligibility index.

**Intersegmental General Education Transfer Curriculum (IGETC).** The Intersegmental General Education Transfer Curriculum (IGETC) is a general education program which community college transfer students may use to fulfill lower division general education requirements in either the CSU or UC. Because of its generic nature, and agreements between the CSU, the UC, and the community college system, completion of the IGETC to fulfill lower division general education requirements has become a common path taken by community college students who transfer to the CSU or UC.

Completion of the IGETC, in itself, does not improve eligibility for admission to the CSU or UC, or admission to a specific campus or program.

The IGETC will permit a student to transfer from a community college to a campus in either the CSU or UC system without the need, after transfer, to take additional lower division, general education courses to satisfy campus General Education requirements.

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

See a counselor for segmental and campus-specific admission requirements and lower division major requirements.

Some students may be better served by taking courses which fulfill the CSU General Education Breadth requirements or those of the UC campus or college to which they plan to transfer. Students pursuing majors that require extensive lower division major preparation may not find the IGETC option to be advantageous. The IGETC is most useful for students who want to keep their options open before making a final decision about transferring to a particular CSU or UC campus.

All course work applicable to the IGETC must be completed and certified by the last California community college attended prior to transfer in order to be accepted by CSU and UC. Except under special circumstances, “certification” means that the last community college attended prior to transfer to the CSU or UC campus will verify that the student completed the IGETC (see “IGETC After Transfer Policy”). In addition to the course work requirements for each subject area, full certification for the CSU must include completion of the Oral Communication requirement. For the UC, Oral Communication is not required, but the certification must include satisfaction of the foreign language proficiency requirement. All courses must be completed with a grade of “C” or better.

**Making Up Missing College Preparatory Courses.**

- Students should check with a counselor for a program that fulfills the lower division general education requirements.
- Completion of the IGETC, in itself, does not improve eligibility for admission to the CSU or UC, or admission to a specific campus or program.
- The IGETC will permit a student to transfer from a community college to a campus in either the CSU or UC system without the need, after transfer, to take additional lower division, general education courses to satisfy campus General Education requirements.
- Completion of the IGETC is not a requirement for transfer to a CSU or UC campus, nor is it the only way to fulfill the lower division, general education requirements of CSU or UC prior to transfer.
- Students pursuing majors that require extensive lower division major preparation may not find the IGETC option to be advantageous.
- The IGETC is most useful for students who want to keep their options open before making a final decision about transferring to a particular CSU or UC campus.

2015-2016 Catalog
Programs and Options

Avenues to Better Jobs

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.

Certification 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/RoP 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 4-year 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 secondary institutions. Students should check with their counselor if they have questions about specific classes or to determine if they are eligible for advance placement and/or college credit for courses completed at the secondary level.

Accounting
Administration of Justice
Agriculture
• Animal Science
• Environmental Horticulture
Art-Applied Photography
Automotive Technology-Automotive Body Business
• Administrative Assistant
• Business Computer Applications
• Clerical
• Information Technology
• Medical Office Skills
• Word Processing
Cosmetology
Culinary Arts
Drafting
Early Childhood Education
• Infant and Toddler
Electronics Technology
Fire Technology
Manufacturing Technology/Metalworking Welding
Mass Communications
Nursing
Veterinary Technology

Yuba College Degrees and Certificates

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), meet competency requirements, fulfill general education requirements and complete electives to meet a minimum totaling 60 units.

Certificates of Achievement and Certificates of Training

Certificate programs are designed to provide students a broad understanding of the occupational programs that the student wishes to enter upon completion of the courses they are engaged in. The Certificate of Achievement or Certificate of Training certifies that the student has completed all required courses in preparation to enter into the designated career field on their certificate. A grade of “C” or better is required for each course completed in the certificate series. Check with individual departments regarding requirements.

Administration of Justice

<table>
<thead>
<tr>
<th>Degree</th>
<th>Certificates of Achievement:</th>
</tr>
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<tbody>
<tr>
<td>A.S.-Administration of Justice-Basic Police Academy</td>
<td>Reserve Training Module I Academy</td>
</tr>
<tr>
<td>A.S.-Corrections</td>
<td>Reserve Training Module II Academy</td>
</tr>
<tr>
<td>A.S.-Law Enforcement</td>
<td>Special Investigator Academy</td>
</tr>
<tr>
<td>A.S.-T-Administration of Justice</td>
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</tbody>
</table>

Certificates of Achievement:

- Basic Police Academy
- Reserve Training Module I Academy
- Reserve Training Module II Academy
- Special Investigator Academy

Certificates of Training:

- Reserve Training Module III Academy
- Correctional Officer Academy
- Juvenile Counselor Academy
- Police Officer Orientation Academy
- Basic Requalification
- Reserve Officer Level I
- Reserve Officer Level II
- Reserve Officer Level 3

Agriculture

<table>
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<tr>
<th>Degree</th>
<th>Certificates of Achievement:</th>
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<tr>
<td>A.S.-Agriculture</td>
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Automotive Technology

<table>
<thead>
<tr>
<th>Degree</th>
<th>Certificates of Achievement:</th>
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<tbody>
<tr>
<td>A.S.-Auto Body Repair</td>
<td>Auto Body Repair</td>
</tr>
<tr>
<td>A.S.-Master Mechanic</td>
<td>Automotive Body Repair</td>
</tr>
<tr>
<td>A.S.-Tune-Up and Driveability</td>
<td>Automotive Drive Trains</td>
</tr>
<tr>
<td>A.S.-Fuel Systems</td>
<td>Master Mechanic</td>
</tr>
<tr>
<td>A.S.-Tune-Up and Driveability</td>
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</tbody>
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Certificates of Achievement:

- Auto Body Repair
- Automotive Body Repair
- Automotive Drive Trains
- Master Mechanic
- Tune-Up and Driveability

Certificates of Training:

- Automatic Transmission/Transaxle Brakes
- Electrical Systems
- Engine Machining
- Engine Performance
- Engine Repair
- Heating and Air Conditioning
- Manual Drive Train and Axles
- Suspension and Steering

Yuba College

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<table>
<thead>
<tr>
<th>Programs and Options</th>
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<tbody>
<tr>
<td><strong>Biology</strong></td>
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<tr>
<td>Degree: A.S.-Biology</td>
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<tr>
<td><strong>Chemistry</strong></td>
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<tr>
<td>Degree: A.S.-Chemistry</td>
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<tr>
<td><strong>Communication Studies (Speech)</strong></td>
</tr>
<tr>
<td>Degree: A.S.-Communication Studies</td>
</tr>
<tr>
<td><strong>Costume Arts</strong></td>
</tr>
<tr>
<td>Degree: A.S.-Culinary Arts</td>
</tr>
<tr>
<td><strong>Early Childhood Education</strong></td>
</tr>
<tr>
<td>Degree: A.S.-Early Childhood Education</td>
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## Student Learning Outcomes By Program

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Associate in Arts (A.A.) and Associate in Science (A.S.) Degree Programs

A student must file a Petition for Graduation. 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 a Petition to the Admissions and Records Office by May 1. However, the student may petition to graduate at the end of the Fall, Spring, or Summer terms. The deadlines to petition are: Fall - November 15; Spring - April 15; Summer - July 1.

A student who wishes to receive an Associate degree should consult a College counselor. The counselor will assist the student in planning the courses required to satisfy the major for the degree. Diplomas printed for a "general education" major will not have the major printed on the diploma. (Note: Major courses must be completed with a "C" or better grade.)

In order to receive a degree in one of the specific majors for the Associate in Arts or Associate in Science Degrees, a student is required to complete the specific courses listed with a grade of "C" or better. After successful completion of the specific major (and all other graduation requirements), the specific major for the degree will be printed on the diploma.

No courses for the specific majors may be waived. Equivalent course work may be substituted only with approval. The student should submit a petition to the Academic Integrity Subcommittee. Petitions will be forwarded to the (division) Dean for recommendation of action.

A student may petition for only one "general education" degree since the major will not be printed on the diploma. A student who is earning a degree in one of the specific majors may petition for a specific major in which he/she has met all graduation requirements.

Certificates

Do you wish to earn a college degree in a career program and prepare to take a job at the end of your college course?

- You will find some of the occupational curricula in the next section. Your counselor will help you make a wise choice.
- You should earn an associate degree from the Yuba Community College District.
- You will have an opportunity to secure advanced training in several occupational fields.

Do you wish to increase your skills without working toward a college degree?

- You may wish to earn a Certificate of Achievement or Certificate of Training.

Requirements for Certificates

- A petition may be submitted to the appropriate Dean for consideration outside work, not to exceed one-half of the required units. Each petition will be considered individually, and final determination rests with the appropriate Dean in consultation with appropriate faculty.
- The petition may be obtained at the Admissions and Records Office. After completing the petition, the petition is returned to the Admissions and Records Office and will be forwarded to the appropriate Dean for action.

Many of the certificates have "recency" requirements. See the individual certificate if courses must have been taken within a certain number of years.

Students who are required to repeat a non-repeatable course for the "recency" requirement may not earn additional units for completion of the course. The student must file a Student Petition to complete a non-repeatable course in which a "C" or better grade was earned. If granted, the credits will be listed on the student's transcript, but will be noted so the units and grade are not counted in the cumulative totals.

Certificate of Achievement

Courses taken to satisfy requirements for a Certificate of Training usually provide the core courses for students electing the goal of a Certificate of Achievement in an occupational area. This goal requires more time and commitment, but better qualifies the student for employment by adding other required or elective courses. The Certificate of Achievement requires 12 to 42 units and may be completed in one to two years. Certificates of Achievement must be approved through the respective departments and will be shown on the student's transcript. NOTE: All courses required for the certificate must be completed with a "C" or better grade.

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 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.

Requirements for Certificates

In order to verify competency in training for performance by issuing a certificate: a "C" or better grade must be earned in each course; and all courses must be taken at a Yuba Community College District campus.

Certificates of Training are not listed on the student transcript.

Applying for Certificate of Achievement or Training

After completing all requirements for the certificate, the student obtains a "Petition for Certificate Card" from the Admissions and Records Office.

Student completes the Petition Card and files it with the Admissions and Records Office.

The Admissions and Records Office sends the Petition for Certificate Card and a copy of the student's transcript to the appropriate Dean.

The Dean verifies eligibility, completes the certificate, and mails it to the student.

The Dean will complete the Petition for Certificate Card and return it to the Admissions and Records Office.

The Admissions and Records Office processes the "approved" Petition Card and adds the certification information to the student's academic record. The Certificate of Achievement will appear on the academic transcript.
Course Information

Admission to Courses

OPEN ENROLLMENT POLICY

All courses, regardless of where offered, are open

members of the public who are otherwise eligible

for admission, with the following exceptions:

- Courses that are specifically exempted by statute, in-

cluding "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 policy;

- Courses with academic requisites (prerequisites and

corequisites) that restrict enrollment of academically

qualified 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).

REQUISITES

"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:

- Prerequisite course is not available,

- Prerequisite has not been validated,

- Prerequisite course is not available, or

- Prerequisite course is not offered in the

    course.

Responsibility for having met the prerequisite rests

with the student. A grade of "C" or better is required to

include:

in the course. Prerequisites which are listed as "required"

order to assure students a reasonable chance of success

where specific academic background is necessary in

POLICY FOR PETITIONING OR WAIVING COURSE

PREREQUISITES

Course placement is determined by a process in

which the student and counselor review all assessment

criteria available. Students who wish to petition their

recommended placement or the waiver of a prerequisite

should be prepared to give evidence or justification why

the exemption should be granted. Reasons for seeking

a prerequisite waiver may include one or more of the

following:

- Prerequisite course is not available,

- Prerequisite has not been validated,

- Student has the knowledge or ability to succeed in

    the course without meeting the prerequisite, or

- Student believes the prerequisite is discriminatory or

    is being applied in a discriminatory manner.

Check with a counselor, your site administrator, or

the Counseling Office to obtain the required forms.

Challenges to prerequisites/corequisites shall be

on the approved form and filed at the location where

the student registers for the majority of her/his classes.

Challenges at the Yuba College should be filed with the

Counseling Office. Challenges at other locations should

be filed with the executive dean or site administrator.

Yuba College strongly encourages that the

language and mathematics skill levels of new students

be assessed by the Placement Examination (CPT or

equivalent) prior to enrollment in most courses. The

placement scores provide students and counselors with

information helpful to select appropriate courses that are

taught at the skill levels of the students. These test scores

serve as recommended guidelines in the selection of

entry level courses for which the course content requires

college level skill proficiency for successful participation.

Other factors are also considered in a multiple measures

approach.

PLACEMENT LEVELS FOR "SKILLS COURSES".

Placement Examination scores, in combination with

other factors, are used to help place students in one of

the levels of reading, writing, and mathematics. After

satisfactorily completing the appropriate skills course,

students may progress by enrolling in the course at the

next higher level. Students should consult a counselor

for an evaluation of placement scores and discussion of

other factors that affect placement. Refer to "Placement

Levels" in this Catalog.

C-ID Course Identification Numbering System

C-ID is a supplemental common course numbering sys-
tem aimed at helping students and faculty identify courses
across institutions that fulfill associate or baccalaureate
degree requirements. Beginning in Fall 2012, some ASSIST
reports will 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 community college course that

has that same C-ID designation for the purpose of fulfilling

associate degree major requirements.

2. Additionally, universities can indicate C-ID des-

ignations 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 community college course

with the C-ID HIST 130 designation will be accepted to fulfill

that requirement.

Key to Numbers and Listings

Content and policies expressed in this Catalog are

believed to be true and correct as of the date of publica-

tion. 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

summer session, evening, or off-campus programs

at any time if there is a sufficient number of students

available, generally fifteen, to justify offering the course.

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 an instructor is not available.

COURSE NUMBERING

July 1, 1974 TO JUNE 30, 1989:

1-49: Designed as courses intended to carry transfer credits to

all baccalaureate degree-granting colleges and universities.

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 program in which such

course would be appropriate.

Developmental/Remedial:

100-199 Series: Primarily designed at the techni-
cal level; usually will be courses specifically designed as part of a
program(s) leading directly to employment. Under special cir-
cumstances, a Baccalaureate de-
gree-granting institution may wish to accept such courses for transfer

credit.

July 1, 1983 TO JUNE 30, 1989:

A maximum of 6 semester units of courses num-
bered 100 to 199 can be counted toward the associate

degree.

CURRENT COURSE NUMBERING DEFINITIONS:

1-49 Series: Designed as Admissions List cours-
es intended to carry transfer credit to all baccalaureate degree granting

colleges and universities.

50-99 Series: 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 remedial courses intended to

prepare students to succeed in

courses at the associate degree lev-

el.

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Transfer Status Designation

As indicated previously, the course number system is unique 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 Status” 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 is limited in some way when combined with other courses in the discipline. Questions concerning these courses should be directed to a counselor.

Repeatable 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 76224 pertaining to the finality of grades assigned by instructors, with Title 5 Section 59023, 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 Substandard Grade:

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

• The college finds there are extenuating circumstances. Extenuating circumstances are verified cases of accidents, illness, or other circumstances beyond the student’s control. This is a one-time exception.

• A student may repeat a course because there has been a significant lapse of time since the student previously took the course (no less than three years) 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 has established 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.

• 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 as a Class 3 record basic to audit. This is a one-time exception.

• Students may repeat 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 each time the student repeats the course.

• Course repetition for disabled students is subject to the course repetition limitation; however, additional repeats may be individually authorized through the District’s Office of Disability Services.

1. When continuing success of the student in other general and/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 in 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.

(C) Repeatable Courses:

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

1. Courses designated as repeatable:

• Intercollaborative athletics where enrollment in the course is limited to no more than four times;

• Cooperative work experience courses up to a maximum of 16 units in any combination of Work Experience (Occupational/General) and internship enrollments;

2. Enrollment limitations in courses related in content:

Units 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 an average of two hours in preparation or study for each hour of lecture or recitation.

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

Units of Credit are generally offered for the number of units as indicated in the course Outline. The purpose of the students and the District, however, courses may on occasion be offered for less than the number of units indicated in the course Outline.
Programs and Courses

Courses with a description that includes: “L” means college-level language skills are recommended, “M” means college-level computation skills are recommended and “C” means computer literacy recommended. These requisites are advisory only.

ACCOUNTING (see Business)

Administration of Justice

Administration of Justice offers academy, 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 in-service 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.
- In-service programs providing specific courses suited to the individual needs of those currently employed by a criminal justice agency.

Administration of Justice and Corrections Programs

Upon successful completion of the required training program, an individual will receive P.O.S.T. (Peace Officer Standards and Training) and/or S.T.C. (Standards of Training for Corrections) certification. Rosters are submitted to these State agencies which include individual names, agency affiliation (if applicable), hours of training, and State-issued control numbers to verify law enforcement certified topics and dates of completion. A course can be certified with nine to 880 hours of training. Both State agencies require CPT (Continued Professional Training) every two years for P.O.S.T. and annually for S.T.C. for anyone working in a law enforcement environment.

ACADEMIES

Employment in law enforcement or corrections usually requires completion of a related academy. Yuba College offers a variety of academies each year:

Students are encouraged to contact the Administration of Justice Department Office at Yuba College for current information regarding academy enrollment or employment requirements or for additional information about the courses and programs.

ADMINISTRATION OF JUSTICE-

Basic Police Academy

(Associate in Science Degree)

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJ 58A Basic Peace Officer Training (Classroom Studies)</td>
<td>23</td>
</tr>
<tr>
<td>AJ 58B Basic Peace Officer Training (Physical Exercise/Motor Skills)</td>
<td>5.5</td>
</tr>
<tr>
<td>AJ 58C Basic Peace Officer Training (Scenario testing)</td>
<td>5</td>
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<tr>
<td>Total units required for degree major</td>
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</table>

ADMINISTRATION OF JUSTICE-

Basic Police Academy

(Certificate of Achievement)

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>AJ 58A Basic Peace Officer Training</td>
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<tr>
<td>AJ 58B Basic Peace Officer Training</td>
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<tr>
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ADMINISTRATION OF JUSTICE-

(Associate in Science Degree in Administration of Justice for Transfer)

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJ 10 Introduction to Criminal Justice System</td>
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</tr>
<tr>
<td>AJ 11 Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>Area A - Select 6 units from the following:</td>
<td></td>
</tr>
<tr>
<td>AJ 13 Evidence</td>
<td>3</td>
</tr>
<tr>
<td>AJ 14 Criminal Justice Process</td>
<td>3</td>
</tr>
<tr>
<td>AJ 15 Criminal Investigation</td>
<td>3</td>
</tr>
<tr>
<td>AJ 19 Multicultural Communities and the Justice System</td>
<td>3</td>
</tr>
<tr>
<td>Area B - Select at least 6-7 additional units from the following:</td>
<td></td>
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<tr>
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 ADMINISTRATION OF JUSTICE-

(Certificate of Achievement in Administration of Justice for Transfer)

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td>AJ 58A Basic Peace Officer Training</td>
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<tr>
<td>AJ 58B Basic Peace Officer Training</td>
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<tr>
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RESERVE TRAINING MODULE I

(Academy)

Required Courses

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<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td>AJ 52A Reserve Training Module I</td>
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<td>AJ 52B Reserve Training Module I</td>
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RESERVE OFFICER LEVEL II

(Academy)

Required Courses

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<tr>
<th>Course</th>
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<td>AJ 51A Reserve Training Module II</td>
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SPECIAL INVESTIGATOR ACADEMY

(Certificate of Achievement)

Required Courses

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<th>Course</th>
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<tbody>
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<td>AJ 21TA Specialized Investigator’s Basic Course</td>
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RESERVE OFFICER LEVEL 3

(Certificate of Training)

Required Courses

<table>
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<tr>
<th>Course</th>
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<td>AJ 59A Reserve Training Module III</td>
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CORRECTIONAL OFFICER ACADEMY

(Certificate of Training)

Required Courses

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<tr>
<td>AJ 70A Correctional Officer Core Course</td>
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<tr>
<td>AJ 70B Correctional Officer Core Course</td>
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BASIC POLICE ACADEMY

(Certificate of Achievement)

Required Courses

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<tr>
<th>Course</th>
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BASIC POLICE ACADEMY

(Certificate of Achievement)

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ADMINISTRATION OF JUSTICE

(Associate in Science Degree)

Required Courses

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<tr>
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<tbody>
<tr>
<td>AJ 11 Criminal Law</td>
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<tr>
<td>AJ 20 Juvenile Law and Procedures</td>
<td>3</td>
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<tr>
<td>AJ 30 Introduction to Corrections</td>
<td>3</td>
</tr>
<tr>
<td>AJ 31 Criminal and Delinquent Behavior</td>
<td>3</td>
</tr>
<tr>
<td>AJ 33 Introduction to Correctional Counseling</td>
<td>3</td>
</tr>
<tr>
<td>AJ 34 Correctional Treatment Programs</td>
<td>3</td>
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<tr>
<td>AJ 58C Basic Peace Officer Training</td>
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ADMINISTRATION OF JUSTICE

(Certificate of Achievement)

Required Courses

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LAW ENFORCEMENT

(Associate in Science Degree)

Required Courses

<table>
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<tr>
<th>Course</th>
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<tbody>
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<td>AJ 10 Introduction to Criminal Justice System</td>
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<td>3</td>
</tr>
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<td>AJ 14 Criminal Justice Process</td>
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</tr>
<tr>
<td>AJ 15 Criminal Investigation</td>
<td>3</td>
</tr>
<tr>
<td>AJ 19 Multicultural Communities and the Justice System</td>
<td>3</td>
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<tr>
<td>AJ 21 Narcotics and Drugs</td>
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<tr>
<td>HUSEV 10 Introduction to Human Services</td>
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<tr>
<td>Psychology/Sociology elective</td>
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<td>Total units required for degree major</td>
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ADMINISTRATION OF JUSTICE

(Associate in Science Degree in Administration of Justice for Transfer)

Required Courses

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<tr>
<th>Course</th>
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<td>AJ 19 Multicultural Communities and the Justice System</td>
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ADDITIONAL RECOMMENDED COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td>AJ 20 Juvenile Law and Procedures</td>
<td>3</td>
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<tr>
<td>AJ 21 Narcotics and Drugs</td>
<td>3</td>
</tr>
<tr>
<td>AJ 30 Introduction to Corrections</td>
<td>3</td>
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</tbody>
</table>

Yuba College

2015-2016 Catalog

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Programs and Courses

AJ 10 Introduction to Criminal Justice System 3 units
54 lecture hours Transferable to CSU/UC, 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 criminal 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 crime, the general elements of a 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 12 Evidence 3 units
54 lecture hours Transferable to CSU, C-ID AJ 124
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 evidence and witness competency, the hearsay rule and its exceptions, demonstrative evidence, judicial notice, and issues relating to search and seizure. (L)

AJ 13 Criminal Justice Process 3 units
54 lecture hours Transferable to CSU, C-ID AJ 132
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 14 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/Case Law; interview/interrogation processes and techniques; identifying information sources; procuring search warrants, serving search warrants; exceptions to the search warrant rule and the court process. Emphasis is placed on developing the students capacity to analyze specific situations and identify sound ethical investigative practices. (L)

AJ 15 Police Operations 3 units
54 lecture hours Transferable to CSU, C-ID AJ 150
Philosophy, functions, organization, duties, and analysis of police operational functions, including public service responsibilities and special police problems. (L)

AJ 16 Multicultural Communities 3 units
54 lecture hours Transferable to CSU/UC and the Justice System
Examines the complex relationship between multicultural communities and the criminal justice system, analyzing cultural differences and strategies to effectively address crime related issues. Addresses potential societal barriers involving race, ethnicity, gender, religion, sexual orientation, age, social class, culture and the evolution of the law enforcement profession in understanding how relationships are developed, maintained and changed to meet ethnic and minority group needs. Additional topics include multicultural representation in Law Enforcement, Cross-Cultural Communication, Community Policing, and restorative justice principles. (L)

AJ 17 Juvenile Law and Procedures 3 units
54 lecture hours Transferable to CSU, C-ID AJ 170
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 focuses on Juvenile law, courts and processes, and the constitutional protections extended to juveniles administered in the American Justice system; organization, function, and jurisdiction of juvenile agencies; processing and detendment of juveniles; juvenile case disposition; legal statutes, and court procedures. (L)

AJ 18 Narcotics and Drugs 3 units
54 lecture hours Transferable to CSU, C-ID AJ 180
Analysis of narcotics and drugs, physical effects of addiction, and sociological problems of drug abuse. (L)

AJ 19 Introduction to Corrections 3 units
54 lecture hours Transferable to CSU
This course provides the history, philosophy, and overview of corrections including probation, parole, and correctional 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 20 Criminal and Delinquent Behavior 3 units
54 lecture 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 contributing to the production of criminality and delinquency. (L)

AJ 21 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 already employed in the correctional field. (L)

AJ 22 Correctional Treatment Programs 3 units
54 lecture hours Transferable to CSU
The study of correctional treatment programs concerning juveniles and adults, in both the casework setting and in a custody institution. (L)

AJ 23 Reserve Training 3 units
5.5 units
Module III
94 lecture hours, 30 lab hours
Prerequisite: Medical/Physician’s Clearance; Health/History Statement, Par Q. Corequisite: AJ 508
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)

AJ 24 Reserve Training Level III Module 2 units
227 lecture hours, 59 lab hours
Prerequisite: AJ 51A and AJ 51B
Corequisite: AJ 52A and AJ 52C
This course is designed to meet the new Peace Officer Standards and Training (POST) requirements for the Regular Basic Course (Modular Format), Level II Reserve Officer for P.O.S.T. Basic Peace Officer Certification as of July 2008. The final module of this course is designed to meet the new Peace Officer Standards and Training (POST) requirements for the Regular Basic Course (Modular Format), Level II Reserve Officer for P.O.S.T. Basic Peace Officer Certification as of July 2008. (L)

AJ 25 Reserve Training Level II Module 3 units
26 lecture hours, 43 lab hours
Prerequisite: AJ 51A and AJ 51B
Corequisite: AJ 52A and AJ 52C
This course is designed to meet the new Peace Officer Standards and Training (POST) requirements for the Regular Basic Course (Modular Format), Level II Reserve Officer for P.O.S.T. Basic Peace Officer Certification as of July 2008. (L)

AJ 26 Reserve Training Level II Module 2 units
26 lecture hours, 43 lab hours
Prerequisite: AJ 51A and AJ 51B
Corequisite: AJ 52A and AJ 52C
The final module of this course is designed to meet the new Peace Officer Standards and Training (POST) requirements for the Regular Basic Course (Modular Format), Level I Reserve Officer for P.O.S.T. Basic Peace Officer Certification as of July 2008. (L)

AJ 27 Reserve Training Level I Module 2 units
27 lecture hours, 46 lab hours
Prerequisite: AJ 51A and AJ 51B
Corequisite: AJ 52A and AJ 52C
This course is designed to meet the new Peace Officer Standards and Training (POST) requirements for the Regular Basic Course (Modular Format), Level I Reserve Officer for P.O.S.T. Basic Peace Officer Certification as of July 2008. (L)

AJ 28 Reserve Training Level I Module 2 units
27 lecture hours, 46 lab hours
Prerequisite: AJ 51A and AJ 51B
Corequisite: AJ 52A and AJ 52C
This course is designed to meet the new Peace Officer Standards and Training (POST) requirements for the Regular Basic Course (Modular Format), Level I Reserve Officer for P.O.S.T. Basic Peace Officer Certification as of July 2008. (L)

AJ 29 Reserve Training Level I Module 2 units
27 lecture hours, 46 lab hours
Prerequisite: AJ 51A and AJ 51B
Corequisite: AJ 52A and AJ 52C
This course is designed to meet the new Peace Officer Standards and Training (POST) requirements for the Regular Basic Course (Modular Format), Level I Reserve Officer for P.O.S.T. Basic Peace Officer Certification as of July 2008. (L)

AJ 30 Reserve Training Level III Module 2.5 units
36 lecture hours, 28 lab hours
Prerequisite: Department of Justice Fingerprint Clearance. Current PC 832 Training, Medical/Physician’s Clearance. Corequisite: AJ 50A
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)
Programs and Courses

AJ 52C Reserve Training Level I 1 unit Module

64 lab hours
Prerequisite: AJ 51A and AJ 51B
Corequisites: AJ 52A and AJ 52B
The final module, Part III (C), in the Regular Basic Course (Modular Format), Level I Reserve Officer for P.O.S.T. Basic Police Officer Certification of the State of California. (L)

AJ 54A Peace Officer Orientation 1.5 units

33 lecture hours, 7 lab hours
832 p.c.; Laws of Arrest, search and seizure, communications, arrest and control techniques, use of Peace Officer Standards and Training (P.O.S.T.) and Standards of Training for Corrections Program (S.T.C.). This course is not a prerequisite for AJ 50 A/B but recommended for students taking the correctional officer core course. (L)

AJ 54B Peace Officer Orientation 0.5 unit

14 lecture hours, 10 lab hours
Prerequisite: DOJ fingerprint clearance.
Corequisite: AJ 53B.

AJ 55A Basic Peace Officer Training 23 units

357 lecture hours, 186 lab hours
Prerequisite: Background application: Qualifying score on POST Entrance Exam; Demonstrate competency on essay; DMV Driving Record printout.
Corequisite: AJ 55B and AJ 55C
The Basic Academy consists of forty-two distinct and separate learning domains (880 hours of training) as mandated by Peace Officer Standards and Training (P.O.S.T.). Other areas of special instruction include, Expandable/Side-handled Baton training, Computer basics, Firearms Tactical Simulation (F.A.T.S.), Taser training, DUI and Intoxilizer training, Prop 115 (Handgun) certification, and Police Oral Board preparation. The student will receive a Basic Academy Certificate upon graduation, which is recognized and required by the State of California for employment as a Peace Officer. (L)

AJ 55B Basic Peace Officer Training 5.5 units

70 lecture hours, 104 lab hours
Prerequisite: Medical/Physician clearance; DOJ Fingerprint clearance; DMV Driving Record printout.
Corequisite: AJ 55A and AJ 55C

AJ 55C Basic Peace Officer Training 5 units

84 lecture hours, 35 lab hours
Prerequisite: Medical/Physician clearance; DMV Driving Record printout.
Corequisite: AJ 55A and AJ 55B
Practice Scenario portion of the Basic Academy. Part III. Scenarios involve job related exercises that assess student learning covered in all learning domains during the Academy and includes report writing. (L)

AJ 70A Correctional Officer Core Course 7 units

117.5 lecture hours, 32 lab hours
Prerequisite: Medical clearance, health/history statement, Par Q.
Corequisite: AJ 70B
Theory and application of Corrections Officer Training. Meets CA Dept. of Corrections and Rehabilitation requirements. Units of course study include: Criminal Justice System, Codes and Statistics, Professionalism/ethics, classification of inmates, contraband/evidence, booking 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, emergency procedures, testifying in court and physical tasks. (L)

AJ 70B Correctional Officer Core Course 0.5 unit

10 lecture hours, 18 lab hours
Prerequisite: Medical clearance, health/history statement Par Q.
Corequisite: AJ 70A
Theory and application of Corrections Officer Training. Meets California Department of Corrections and Rehabilitation requirements. This section covers the assaultive behavior and restraint techniques. (L)

AJ 72A Corrections Officer Supplemental Core Course 2.5 units

45 lecture hours
Corequisite: AJ 72B
Designed for persons who have completed a POST Basic Law Enforcement Academy and are being assigned to perform the job responsibilities of an adult corrections officer in a local correctional facility. Successful completion of this course fulfills the requirements of Title 15 and CA Dept of Corrections and Rehabilitation for certification through Standards and Training for Corrections (STC). (L)

AJ 72B Corrections Officer Supplemental Core Course 0.5 unit

8 lecture hours, 3 lab hours
Corequisite: AJ 72A
Prerequisite: Complete POST Basic Academy, Medical Clearance; Par Q, Health/history statement.
Designed for persons who have completed a POST Basic Law Enforcement Academy and are being assigned to perform the job responsibilities of an adult corrections officer in a local correctional facility. This section covers the defensive tactics, restraint techniques, and fire extinguishment. (L)

AJ 78 Investigative Report Writing for the Public Safety Professional 3 units

54 lecture hours
Prerequisite: Investigative report writing for the public safety professional relative to law 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. (L)

AJ 200A Probation Officer Core Course 1.5 units

117 lecture hours, 54 lab hours
Other: Medical Clearance; Health/History, Par Q.
Corequisite: AJ 200B
Designed to provide the basic concepts and skills for "entry level" Probation Officer, including overall mission, role and function in the California Juvenile and Adult 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 Training (STC) requirements for "entry level" Probation Officers. (L)

AJ 200B Probation Officer Core Course 0.5 unit

18 lecture hours, 27 lab hours
Other requirements: Medical Clearance; History, Par Q.
Corequisite: Students must be enrolled in AJ 200A simultaneously
Designed to provide the basic concepts and skills for "entry level" Probation Officer. This section covers Officer Safety, Physical Skills Training. Meets California Corrections Standards Authority, division of Standards and Training for Corrections (STC) requirements for "entry level" Probation Officer. (L)

AJ 202A Juvenile Correctional Officer Core Course 6 units

102 lecture hours, 28 lab hours
Prerequisite: Medical clearance; health/history statement, Par Q.
Corequisite: Students must be enrolled in AJ 202B simultaneously
Designed to provide the basic concepts and skills for "entry level" Juvenile Correction Officers, including overall mission, role and function in the California Juvenile Justice System, basic concepts and responsibilities; competency in various knowledge and skill requirements. Meets California Corrections Standards Authority, division of Standards and Training for Corrections (S.T.C.), requirements for "entry level" Juvenile Correction Officers as of July 2007. (L)

AJ 202B Juvenile Correctional Officer Core Course 1.5 units

4 lecture hours, 26 lab hours
Prerequisite: Medical clearance; Health/History statement; Par Q.
Corequisite: Students must be enrolled in AJ 202A simultaneously

AJ 203 Advanced Officer Training v.5 to 2.5 units

9-45 lecture hours
Prerequisite: Successful completion of a POST Basic Academy, POST SIBB Academy or Correctional Academy. Current topics in the Administration of Justice include legal up-dates, officer safety, community relations, use and control of force, and other related subjects. The material presented will be discussion oriented and designed to satisfy State Mandated training. The information will be addressed in 9 hour modules. Grades are Pass/NP. (L)

AJ 204 Indicators of Persons Under 1.5 units the Influence of Controlled Substances

27 lecture hours
Designed to meet performance objectives for peace officers to make probable cause arrests for persons under the influence of controlled substance. Includes the history, characteristics, legal and methods of detecting the use of controlled substances. Grades are Pass/NP. (L)

AJ 206 Hazardous Materials/Basic .5 unit Awareness

27 lecture hours
Emergency procedures for the first responder to a hazardous materials spill. Open to all personnel that might be the first on the scene of a toxic spill. Emphasis on safety, isolation, and notification. Meets the "In Essence" awareness training as prescribed by the California State Training Institute (CSTI). Course will teach skills needed for those in law enforcement, probation, corrections, or security services. Grades are Pass/NP. (L)

AJ 207A CPR/First Aid 1.5 units

27 lecture hours
Initial class with emphasis on medical emergencies, general first aid, and cardiopulmonary resuscitation (CPR). CPR certification is through American Heart Association and valid for two years; First Aid certification is through American Red Cross and is valid for three years. Taught as 9 hours of CPR and 18 hours of First Aid. Primarily designed for law enforcement personnel and healthcare providers (one and two rescuers), but is open to anyone. Grades are Pass/NP. (L)

(1998) - College level language, math and/or computer skills advised.

2015-2016 Catalog
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Hours</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJ 207B</td>
<td>CPR/First Aid Refresher</td>
<td>.5</td>
<td>9 lecture hours</td>
<td>Prerequisite: Completion of a First Aid and CPR course for the professional rescuer (healthcare providers) and possesses certifications that have not expired for more than six months. Refresher class with emphasis on medical emergencies, general first aid, and cardiopulmonary resuscitation (CPR). CPR re-certification is through American Heart Association and valid for two years. First Aid re-certification is through American Red Cross and is valid for three years. Primarily designed for law enforcement personnel and healthcare providers (one and two responders), but is open to anyone who has completed the initial courses. Grades are P/NP.</td>
</tr>
<tr>
<td>AJ 208</td>
<td>Investigative Report</td>
<td>3 units</td>
<td>54 lecture hours</td>
<td>Investigative report writing for the criminal justice professional relative to law enforcement, probation, correctional institutions, parole activities, and private security services. Includes practical experience in preparing field notes, letters, memorandums, and investigative reports; the role of reports in civil litigation, criminal prosecution, and the presentation of expert testimony. Emphasis will be placed on recognizing the characteristics of good report writing and addressing the common report writing problems, including use of proper criminal justice terminology, grammar, spelling, and composition.</td>
</tr>
<tr>
<td>AJ 211</td>
<td>Gang Awareness</td>
<td>.5</td>
<td>9 lecture hours</td>
<td>Designed for law enforcement officers, Administration of Justice students, and civic leaders with an interest in learning what constitutes a gang and how to identify gang members, their habits, and movements. Grades are P/NP.</td>
</tr>
<tr>
<td>AJ 212</td>
<td>Satanic Cults</td>
<td>.5</td>
<td>9 lecture hours</td>
<td>Examines law enforcement aspects of the Satanism cult history, including signs, and symbols. Crime scene investigation and officer safety issues are covered. Grades are P/NP.</td>
</tr>
<tr>
<td>AJ 214</td>
<td>Chemical Agents</td>
<td>.5</td>
<td>9 lecture hours</td>
<td>Designed to meet performance objectives for peace officers to carry and use chemical agents as mandated by the California Commission on Peace Officer Standards and Training (POST). Course will teach skills needed for those in law enforcement, probation, corrections, or security services. Grades are PI, NP.</td>
</tr>
<tr>
<td>AJ 215</td>
<td>Undercover Narcotics</td>
<td>.5</td>
<td>9 lecture hours</td>
<td>Designed to provide new and journey level law enforcement officers with the knowledge and skills required to successfully conduct an undercover narcotics operation. Grades are PI, NP.</td>
</tr>
<tr>
<td>AJ 217A</td>
<td>Specialized Investigators</td>
<td>20 units</td>
<td>330.5 lecture hours, 114 lab hours</td>
<td>Prerequisite: Medical clearance, Health HK, Par Q, DOJ Fingerprint clearance. Corequisite: AJ 217C. 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 enroll in one section of AJ 217B simultaneously.</td>
</tr>
<tr>
<td>AJ 217A1</td>
<td>Specialized Investigators Basic Course</td>
<td>10 units</td>
<td>165.5 lecture hours, 57 lab hours</td>
<td>Prerequisite: Medical clearance, Par Q, Health HK, DOJ Fingerprint Clearance, CA Drivers License. AJ 217A1 First of two investigator academy modules needed to receive a completion of training certificate. 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 217B1 simultaneously. Successful completion of both modules (AJ 217A1 and AJ 217A2) is the equivalent of completing AJ 217A.</td>
</tr>
<tr>
<td>AJ 217B</td>
<td>Specialized Investigators Basic Course</td>
<td>8 units</td>
<td>115.5 lecture hours, 98 lab hours</td>
<td>Prerequisite: DOJ Fingerprint clearance, Medical Clearance (physician's release), Health and History statements/ParQ. Corequisite: AJ 217A. Motor 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 enroll in AJ 217A1 simultaneously.</td>
</tr>
<tr>
<td>AJ 217B1</td>
<td>Specialized Investigators Basic Course</td>
<td>4 units</td>
<td>57.5 lecture hours, 57 lab hours</td>
<td>Prerequisite: DOJ Fingerprint clearance, Medical/physician's release clearance, Health History statement, ParQ, CA drivers license. Corequisite: AJ 217A1. First of two investigator academy modules needed to receive a completion of training certificate. Motor 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 217A1 simultaneously. Successful completion of both modules (AJ 217B1 and AJ 217B2) is the equivalent of completing AJ 217B.</td>
</tr>
<tr>
<td>AJ 218</td>
<td>Field Training Officer</td>
<td>2.5 units</td>
<td>45 lecture hours</td>
<td>Prerequisite: Completion of POST Academy or have Agency approval. Designed to provide the student with an understanding of the goals and objectives of the California Commission on Peace Officer Standards and Training (POST) Field Training Officer Course. The material presented will be directed to law enforcement personnel and is designed to satisfy course expectations and requirements for new Field Training Officers (FTOs). The information will be addressed in 9 hour modules. Grades are P/NP.</td>
</tr>
<tr>
<td>AJ 219A</td>
<td>Basic Requalification Course</td>
<td>4.5 units</td>
<td>84 lecture hours, 4 lab hours</td>
<td>Prerequisite: CA Basic Police Course certification; DOJ clearance; Medical clearance, Health History ParQ. This course is for the re-certification of persons who previously completed a POST certified Basic Course and who have a three-year or longer break in service as a peace officer or level 1 reserve. This section is the Arrest Control and Firearms portion of the academy.</td>
</tr>
<tr>
<td>AJ 219B</td>
<td>Basic Requalification Course</td>
<td>1.5 units</td>
<td>18 lecture hours, 30 lab hours</td>
<td>Prerequisite: CA Basic Police Course certification; DOJ clearance; Medical clearance, Health History ParQ. This course is for the re-certification of persons who previously completed a POST certified Basic Course and who have a three-year or longer break in service as a peace officer or level 1 reserve. This section is the Arrest Control and Firearms portion of the academy.</td>
</tr>
<tr>
<td>AJ 222</td>
<td>Public Safety Dispatcher Course</td>
<td>4 units</td>
<td>80 lecture hours</td>
<td>Prerequisite: Students must have completed a P.O.S.T. Basic Police Academy or be sponsored by a law enforcement agency. Designed to orient peace officers who have been, or are about to be, assigned to investigative staff of a District Attorney's office. Pursuant to P.O.S.T. 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, professionalism and ethics, victimology, witness and informant management, special victim investigations, trial preparation and support, evidentiary standards and seizure, civil process, investigative techniques, family support investigations, officer-mediated interviews, and other relevant topics. There is a $200 non-refundable material fee for this course.</td>
</tr>
<tr>
<td>AJ 223</td>
<td>Expandable Baton</td>
<td>.5 units</td>
<td>9 lecture hours</td>
<td>Designed to provide students with the skills and knowledge required to properly use impact weapons, specifically the expandable baton, with involved force in situations likely to be encountered by peace officers, probation officers, correctional officers, and security guards. Grades are P/NP.</td>
</tr>
</tbody>
</table>
Students use their Yuba College education to develop farms, nurseries, greenhouses and ranches, while others seek employment at established agricultural operations. Employment opportunities are found elsewhere through schools, parks and environmental centers. Jobs are available with non-profit organizations focusing on farmer advocacy. The agriculture degree is also useful for persons desiring to serve in the Peace Corps or other humanitarian volunteer agencies.

Yuba College Agriculture Program graduates are awarded an Associate in Applied Science degree. The curriculum, designed as a bachelor diverse program, includes classes in soil, plant and animal science, practical gardening skills, biological pest management, sustainable livestock management, greenhouse design and agricultural marketing. Additional studies focus on communication, interpersonal psychology, business science, French communications and developing a business plan for the small family farm.

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 skills, agricultural marketing and entrepreneurship. You may also take advanced courses 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 Science

Yuba College Agriculture Program instructors have a passion for their work and the local farming community. We are agriculture professionals with years of experience in the field and classroom. By maintaining close ties to a vibrant local farming community, we are able to assist students with internships, as well as job placements.

While at Yuba College you will study agricultural businesses that provide farm inputs such as capital, fuel, machinery, fertilizer, and management services. Some examples of the diverse employment opportunities include Farm Credit Services, pesticide applicator companies, commercial banks, farm management companies, farm supply cooperatives, machinery dealers, feed mills, and fertilizer and seed companies. In addition to these career opportunities you will study businesses that distribute, process, and retail agricultural commodities including grain elevators, slaughterhouses, farm real estate firms, bakeries, egg processors, canners, trucking companies, breweries, fresh produce centers, food distribution centers, food wholesalers, food retail companies, and restaurants.

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 backgrounds. 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 brokerage, marketing, and farm input sales.

Agricultural Business (Certificate of Achievement)

<table>
<thead>
<tr>
<th>Course</th>
<th>Required Courses</th>
<th>Units</th>
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<tbody>
<tr>
<td>AG 11 Agricultural Accounting</td>
<td>3</td>
<td></td>
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<tr>
<td>AG 12 Computers in Agriculture OR</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BCA 15 Business Computer Applications</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>AG 13 Marketing</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>AG 14 Entrepreneurship</td>
<td>3</td>
<td></td>
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<tr>
<td>Agriculture or Plant Science electives</td>
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<tr>
<td>Total units required</td>
<td>18</td>
<td></td>
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</table>

AG 11 Agricultural Accounting

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 business accounting procedures are covered with emphasis on both hand and computer applications. (LM/LM/C)

AG 12 Computers in Agriculture

3 units

36 lecture hours, 54 lab hours

Transferable to CSU

Computer use in the work place with emphasis on agricultural and business applications. Computer applications including word-processing, spreadsheets, databases, and presentation managers will be covered. Also included will be accessing information using the Internet and World Wide Web, telecommunications and introduction to web page design and other software appropriate to agriculturists. (LM/C)

AG 13 Marketing

3 units

54 lecture hours

Transferable to CSU

Principles and applications of marketing applied to entrepreneurial ventures including concepts, methods, tactics, and strategies. Traditional methods of marketing as well as an introduction to web marketing will be included. Students will develop a marketing plan for a business of their choice. (LM)

AG 14 Entrepreneurship

3 units

54 lecture hours

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 to students who have taken MGMT 14. (LM)

AG 32 Internship

v1-4 units

60-300 lab hours

Transferable to CSU

On-the-job training that coordinates individual career goals with placement at a job site. A maximum of 4 semester units may be earned. Students enrolling in this class are not eligible for work experience classes or other Internship classes during the same semester. (Students receive credit for on-the-job work experience and internship classes during the same semester. (Transfer credit may vary by institution.) (LM/C)

AG 44 Horse Production

3 units

54 lecture hours

Transferable to CSU

An overview of the principles of horse production, including anatomy, physiology, reproduction, nutrition, health, breeding, as well as basic horse vaccination and disease prevention. (LM/C)

Total units required for degree major: 21

Yuba College Agriculture Program instructors have a passion for their work and the local farming community. We are agriculture professionals with years of experience in the field and classroom. By maintaining close ties to a vibrant local farming community, we are able to assist students with internships, as well as job placements.
Programs and Courses

AG 45 Principles of Animal Science 3 units 54 lecture hours Transferable to CSU/UC
An overview of the principles of animal science and the interrelationships of domestic animals and mankind. This course will investigate animal anatomy, physiology, reproduction, nutrition, health, products and by-products as well as behavior and genetics from a scientific prospective. Current topics on influences of humans on genetic potential and productivity will be addressed. Experimental design and reporting, animal dissections, basic animal handling and husbandry practices, recognition of animal health, and use of biotechnology in animal science will also be addressed. Not open for credit to students with credit in AG 45L. (L)

AG 45L Principles of Animal Science 4 units 54 lecture hours 54 lab hours Transferable to CSU/UC An overview of the principles of animal science and the interrelationships of domestic animals and mankind. This course will investigate animal anatomy, physiology, reproduction, nutrition, health, products and by-products as well as behavior and genetics from a scientific prospective. Current topics on influences of humans on genetic potential and productivity will be addressed. Experimental design and reporting, animal dissections, basic animal handling and husbandry practices, recognition of animal health, and use of biotechnology in animal science will also be addressed. Not open for credit to students with credit in AG 45L. (L)

AG 46 Animal Feeds and Nutrition 3 units 54 lecture hours Transferable to CSU/UC Introduction to the feeds and nutrition of farm animals. This course will study digestive anatomy and physiology, composition and selection of feeds, characteristics of nutrients, principles of nutrition, nutrient requirements of ruminant and non-ruminant animals, and formulations of diets to meet these requirements. (L,M)

PLSCI 20 Principles of Plant Science 3 units 54 lecture hours Transferable to CSU/UC - UC Unit Limit Principles of plant growth including structure, growth processes, propagation, physiology, growth media, and biological controls. Not open to students with credit in PLSCI 20L. (L,M)

PLSCI 20L Principles of Plant Science 4 units 54 lecture hours 54 lab hours Transferable to CSU/UC - UC Unit Limit Principles of plant growth including structure, growth processes, propagation, physiology, growth media, and biological controls. Not open to students with credit in PLSCI 20L. (L,M)

PLSCI 21 Fertilizers and Plant Nutrition 3 units 54 lecture hours Transferable to CSU/UC This course covers the composition, value, selection, and use of fertilizer materials and soil amendments. Soil, plant, and fertilizer relationships will be covered. Application practices currently being used in California will be discussed. Organic fertilizers will also be discussed. (L,M)

PLSCI 22 Introduction to Soils 3 units 54 lecture hours Transferable to CSU/UC - 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 PLSCI 22L. (L,M)

PLSCI 22L Introduction to Soils 4 units 54 lecture hours 54 lab hours Transferable to CSU/UC - 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 PLSCI 22L. (L,M)

PLSCI 30 Principles of Pest Management 3 units 54 lecture hours Transferable to CSU/UC Principles of pesticide management including: pesticide laws and regulations; identification and symptoms of plant pests; modes of pesticide action; principles of integrated pest management; non-pesticide pest control; effective and safe use of herbicides, insecticides, fungicides, and other crop protection chemicals; and pesticide record keeping. This course will assist students in preparation for the State applicator certification test. (L,M)

PLSCI 31 Introduction to Sustainable Agriculture 3 units 54 lecture hours Transferable to CSU/UC Introduction to the history, definitions, concepts, principles, and practices of sustainable agricultural systems. Sustainability topics to be discussed include: organic farming, integrated pest management, holistic resource management, non-organic sustainable agriculture, low-input sustainable agriculture, etc. Local examples of enterprises using sustainable agricultural systems will be discussed. (L)

PLSCI 32 Pesticide Applicators Certification 1 unit 18 lecture hours Theory and practice of pesticide application. Preparation for the California Pest Control Applicator's Licensing Exam. 18 hours of continuing education credit has been applied for. Grades are P/NP.

PLSCI 60 Sensory Wine Evaluation 1 unit 18 lecture hours A sensory course designed for individuals to learn organoleptic tasting techniques, characteristics and styles of wine varieties, regional varietal differences, wine growing regions and tasting techniques. This class has a $40 materials fee above the regular enrollment fee. Must be at least 21 years of age. Grades are P/NP.

Anthropology

ANTHR 1 Introduction to Physical Anthropology 3 units 54 lecture hours Transferable to CSU/UC Study of human biology, genetics, theory of evolution, physical anthropology, changes in humans through time, human food record, human variations today, significance of culture. (L)

ANTHR 2 Cultural Anthropology 3 units 54 lecture hours Transferable to CSU/UC Diversity of cultures from aspects of universal language, economics, kinship, art, religion, technology, etc.; functional aspects of culture and cultural change; varieties of customs and institutions of different peoples; significance of human culture. (L)

ANTHR 3 Introduction to Archaeology 3 units 54 lecture hours Transferable to CSU/UC Introduction to 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)

Architectural Studies

ARCHITECTURAL STUDIES (Certificate of Achievement) Required Courses Units
DRAFT 30 Technical Drawing with AutoCAD 3
DRAFT 32 Architectural Definition 3
DRAFT 34 Architectural Drawing 3
DRAFT 35 Architectural Design and Presentation 3
DRAFT 38 Computer-Aided Drafting 3
DRAFT 39 Building Information Modeling (BIM) 3
MATH 21 Plane Trigonometry 3
Total units required for degree major: 27

ARCHITECTURAL STUDIES (Certificate of Achievement) Required Courses Units
DRAFT 30 Technical Drawing with AutoCAD 3
DRAFT 32 Architectural Definition 3
DRAFT 34 Architectural Drawing 3
DRAFT 35 Architectural Design and Presentation 3
DRAFT 38 Computer-Aided Drafting 3
DRAFT 39 Building Information Modeling (BIM) 3
MATH 21 Plane Trigonometry 3
Total units required for degree major: 27

Design Drafting

DRAFT 20 Blueprint and Specifications Reading 3 units 54 lecture hours Transferable to CSU/UC 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. Basic pipetting design will be explored.

Programs and Courses

78

(L,M) – College level language, math and/or computer skills advised.

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ART

Certain classes can only be attempted four times. These courses are listed in class families starting on page 85.

ART (Associate in Arts)

Required Courses

<table>
<thead>
<tr>
<th>Units</th>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 1A</td>
<td>History of Art or ART 1B OR ART 1C</td>
<td>3</td>
</tr>
<tr>
<td>ART 4A-4B</td>
<td>Drawing and Composition</td>
<td>4-6</td>
</tr>
<tr>
<td>ART 5A-5B</td>
<td>Basic Design</td>
<td>6</td>
</tr>
<tr>
<td>ART 12A</td>
<td>Ceramics OR ART 14A Sculpture</td>
<td>2</td>
</tr>
<tr>
<td>Plus 1-3 units from the following</td>
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<td></td>
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<tr>
<td>ART 1B</td>
<td>History of Art II</td>
<td>3</td>
</tr>
<tr>
<td>ART 38</td>
<td>Field Workshop-Black and White</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 39</td>
<td>Field Workshop-Color/Digital</td>
<td>3-6</td>
</tr>
</tbody>
</table>

COMMERCIAL ART (Associate in Science)

Required Courses

<table>
<thead>
<tr>
<th>Units</th>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 2</td>
<td>Color Theory</td>
<td>3</td>
</tr>
<tr>
<td>ART 4A-4B</td>
<td>Drawing and Composition</td>
<td>4-6</td>
</tr>
<tr>
<td>ART 6A-6B</td>
<td>Basic Design</td>
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<tr>
<td>ART 10A</td>
<td>Introduction to Commercial Art</td>
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<tr>
<td>ART 196</td>
<td>Commercial Art: Illustration</td>
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<td>Plus 3-5 units selected from the following</td>
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<tr>
<td>ART 1A</td>
<td>History of Art I</td>
<td>3</td>
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<tr>
<td>ART 8A</td>
<td>Art History</td>
<td>3</td>
</tr>
<tr>
<td>ART 12A</td>
<td>Materials and Processes</td>
<td>3</td>
</tr>
<tr>
<td>ART 12B</td>
<td>Historical Overview of Art and Architecture</td>
<td>3</td>
</tr>
<tr>
<td>ART 14A</td>
<td>History of Art</td>
<td>3</td>
</tr>
<tr>
<td>ART 31</td>
<td>Basic Photography</td>
<td>3</td>
</tr>
<tr>
<td>ART 32A</td>
<td>Advanced Photography</td>
<td>3</td>
</tr>
<tr>
<td>ART 35</td>
<td>Creative Photography Documentary</td>
<td>3</td>
</tr>
<tr>
<td>ART 36A</td>
<td>Digital Photography</td>
<td>3</td>
</tr>
<tr>
<td>ART 36B</td>
<td>Introduction to Photoshop</td>
<td>3</td>
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<tr>
<td>ART 36C</td>
<td>Advanced Projects</td>
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<td>ART 36D</td>
<td>Advanced Projects</td>
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<td>ART 36E</td>
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<td>ART 36F</td>
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<td>ART 36G</td>
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<td>ART 36H</td>
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<td>ART 36I</td>
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<tr>
<td>ART 36J</td>
<td>Advanced Projects</td>
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<td>ART 36K</td>
<td>Advanced Projects</td>
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<td>ART 36L</td>
<td>Advanced Projects</td>
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<tr>
<td>ART 36M</td>
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<tr>
<td>ART 36N</td>
<td>Advanced Projects</td>
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<tr>
<td>ART 36O</td>
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<tr>
<td>ART 36P</td>
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<td>ART 36Q</td>
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<td>ART 36S</td>
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<tr>
<td>ART 36U</td>
<td>Advanced Projects</td>
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<td>ART 36V</td>
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<td>ART 36W</td>
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<tr>
<td>ART 36X</td>
<td>Advanced Projects</td>
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<tr>
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ART 3A  Women in Art I  3 units
54 lecture hours Transferable to CSU/UC
The role of women as artists in the western world, beginning in the middle ages and concluding in the Twenty-First Century. 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
Drawing and Composition using various materials. Basic instruction in perspective, landscape, still life, and other subjects. (L)

ART 4B  Drawing and Composition 3 units Intermediate
27 lecture hours, 81 lab hours (3 units) Transferable to CSU/UC
Drawing and Composition using various materials. Basic 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. (L)

ART 5  Art Appreciation 3 units
54 lecture hours Transferable to CSU/UC
C-ID ARTV 100
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 HUMAN 5. (L)

ART 6A  Beginning Basic Design 3 units
27 lecture hours, 81 lab hours Transferable to CSU/UC
Introduction to the concepts, applications, and historical references that apply to two-dimensional art, including the basic principles and elements as they relate to two-dimensional problems. (L)

ART 6B  Intermediate Basic Design 3 units
27 lecture hours, 81 lab hours Prerequisite: ART 6A Transferable to CSU/UC
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 7A  Creative Materials 3 units
45 lecture hours Transferable to CSU/Creative activities for young children (2-8 years old) including the planning and implementation of painting, drawing, printmaking, weaving, stitching, batik, collage, sculpture, puppet-making, and modeling materials. Not open for credit to students with credit in ECE 7A. (L)

ART 7B  Worldwide Arts for Children 3 units
45 lecture hours, 27 lab hours Transferable to CSU/Multicultural/ethnic art activities for young children including planning and integrating projects across the curriculum. Construction of age-appropriate art objects representative of cultures and regions in West Africa, the Middle East, Europe, Asia, Mexico, Central America, South America, Caribbean islands, the United States, and Canada. Not open for credit to students with credit in ART 23 or ECE 28. (L)

ART 7C  Theories and Processes of Children's Art 45 lecture hours, 27 lab hours Transferable to CSU/Philosophies of how art should be taught to children; theories which explain how children develop artistically; processing skills involved in art making. Not open for credit to student with credit in ECE 7C. (L)

ART 8A  Watercolor Painting 3 units
27 lecture hours, 81 lab hours Prerequisite: ART 4A Transferable to CSU/Central principles and elements of watercolor painting in various techniques: wet on wet, washes, and drybrush. Concepts of form, color, content, and space are explored. (L)

ART 8B  Watercolor Painting 3 units
27 lecture hours, 81 lab hours Prerequisite: ART 8A Transferable to CSU/Central principles and elements of watercolor painting in various techniques; wet-on-wet, washes, and drybrush. Advanced techniques applied, portfolio of personal work developed. (L)

ART 9A  Beginning Painting 3 units
27 lecture hours, 81 lab hours Transferable to CSU/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. (L)

ART 9B  Intermediate Painting 3 units
27 lecture hours, 81 lab hours Prerequisite: ART 9A Transferable to CSU/Central continued exploration of painting media and techniques. Emphasis on painting from life. (L)

ART 10A  Mural Painting 3 units
27 lecture hours, 81 lab hours Transferable to CSU/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/Basic studio techniques and processes in hand building and use of the Pottery wheel, for creative and artistic expression using clay. (L)

ART 12B  Intermediate Ceramics 3 units
27 lecture hours, 81 lab hours Transferable to CSU/Prerequisite: ART 12A Intermediate techniques and processes; creative and artistic expression through the use of clay and glazes. (L)

ART 14A  Sculpture 3 units
27 lecture hours, 81 lab hours Transferable to CSU/Introductory course in sculpture, using and exploring the media of clay, plaster, wood and armature building. (L)

ART 14B  Intermediate Sculpture 3 units
27 lecture hours, 81 lab hours Prerequisite: ART 14A Transferable to CSU/Further study of three dimensional form and use of materials such as clay, plaster, wood, metal and armature building.

ART 15A  Printmaking 3 units
27 lecture hours, 81 lab hours Transferable to CSU/Practical introduction of printmaking, relief, stencil, intaglio processes. To explore the visual and expressive potential of the fine art print. (L)

ART 15B  Printmaking 3 units
27 lecture hours, 81 lab hours Prerequisite: ART 15A Transferable to CSU/Practice of printmaking, relief, stencil, intaglio processes. To explore the visual and expressive potential of the fine print, working at an intermediate skill level.

ART 16  Beginning Graphic Arts 3 units
27 lecture hours, 81 lab hours Transferable to CSU/This course is an introductory overview of the technical software and aesthetic fundamental elements for creating typography for print ready visual communications. This course will also include a study of "letterform", typeface, copy fitting, software and the creative application of all the above. (L,C)

ART 19A  Introduction to Commercial Art 3 units
36 lecture hours, 108 lab hours Transferable to CSU/Basic concepts of commercial art and it's uses, stressing layout, design, lettering, and simple illustration. Special attention to studio problems from idea to production. (L)

ART 19B  Commercial Art: Illustration 3 units
27 lecture hours, 81 lab hours Prerequisite: ART 19A 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. (L)

ART 20  African, Oceanic, and Native Art 3 units
54 lecture hours Transferable to CSU/This course is a survey of visual culture within select regions in Africa, Oceania, and Indigenous Americas. (L)

ART 21  Asian Art History 3 units
54 lecture hours Transferable to CSU/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. (L)

ART 25  Multimedia Design/Writing 4 units
36 lecture hours, 108 lab hours Transferable to CSU/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. (L)

ART 27  Photography Materials and Processes 1 unit
54 lab hours Prerequisite: ART 31 Transferable to CSU/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. (L)

ART 29  Individual Problems 3 units
27 lecture hours, 81 lab hours Prerequisite: ART 6B Transferable to CSU/Advanced principles and elements of art and their functioning design as related to all phases of art. (L)
ART 31  Basic Photography  3 units
36 lecture hours, 54 lab hours
Transferable to CSU/UC
An exploration into basic camera operation and black and white processing and printing. History and development of photography. Emphasis is on personal expression. Adjustable camera preferred. (L, M, C)

ART 32A  Intermediate Black and White Photography  3 units
36 lecture hours, 54 lab hours
Prerequisite: ART 31
Transferable to CSU
Advanced darkroom processes, zone system, archival processing, print and negative chemical manipulation. Introduction to the large format camera. Discussion and critical analysis of assigned exercises. Field sessions included. (L, M, C)

ART 32B  Intermediate Black and White Photography  3 units
36 lecture hours, 54 lab hours
Prerequisite: ART 32A
Transferable to CSU
Qualitatively oriented 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 32C  Advanced Projects - Black and White  3 units
36 lecture hours, 54 lab hours
Prerequisite: ART 32B
Transferable to CSU
Individual exploration of advanced black and white photography concepts such as refining the zone system, infrared photography, large format camera, etc. within a structured but non-confining framework.

ART 33  Advanced Photography  3 units
36 lecture hours, 54 lab hours
Prerequisite: ART 32C
Transferable to CSU
Traditional and digital based photography: further exploration within the student’s area of interest. Assignments in creative problem solving with studio lighting and the large format camera. A culminating experience within the department. Preparation of final portfolios. (L)

ART 34  Creative Photo Documentary  3 units
36 lecture hours, 54 lab hours
Prerequisite: ART 31 or MCOMM 11
Transferable to CSU
Develop an understanding and appreciation of the photograph as it is used in social and personal commentary. Individual exploration and creativity is encouraged. (L)

ART 36A  Digital Photography  3 units
27 lecture hours, 81 lab hours
Prerequisite: ART 31
Transferable to CSU
Introduction to digital photography; exposure control, file formats, archiving and basic image editing/ manipulation. (L, M, C)

ART 36B  Introduction to Photoshop  3 units
36 lecture hours, 54 lab hours
Prerequisite: ART 36A or ART 38
Transferable to CSU
Introduction to the vast image editing possibilities of Adobe Photoshop. Global and local color/tonal/contrast controls via selections, masks and adjustment layers to produce reproduction quality output. Creative retouching and montaging. Transmissive/reflective scanning.

ART 36C  Advanced Projects - Digital  3 units
36 lecture hours, 54 lab hours
Prerequisite: ART 36B
Transferable to CSU
Individual exploration of advanced digital imaging concepts within a structured environment. Projects may include advanced montaging, text layers, web authoring, integration with other 2D/3D mediums. Self-generated projects are emphasized.

ART 38  Field Workshop - Black and White  1-3 units
9 lecture hours, 27 lab hours (1 unit)
18 lecture hours, 54 lab hours (2 units)
18 lecture hours, 108 lab hours (3 units)
Prerequisite: ART 31 or MCOMM 11, or ART 36A
Transferable to CSU
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.

ART 39  Field Workshop - Color/Digital  1-3 units
9 lecture hours, 27 lab hours (1 unit)
18 lecture hours, 54 lab hours (2 units)
18 lecture hours, 108 lab hours (3 units)
Prerequisite: ART 31 or MCOMM 11, or ART 36A
Transferable to CSU
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.

ART 40  Individual Problems - In Watercolor  1-3 units
9 lecture hours, 27 lab hours (1 unit)
18 lecture hours, 54 lab hours (2 units)
27 lecture hours, 81 lab hours (3 units)
Prerequisite: ART 8A and ART 9B
Transferable to CSU
Advanced work in principles and elements of watercolor painting in various techniques. Exploration and development of personal style.

ART 41A  Individual Problems in Painting: Beginning  3 units
27 lecture hours, 81 lab hours
Prerequisite: ART 9A and ART 9B
Transferable to CSU
Advanced painting in which students approach individual painting problems in consultation with instructor.

ART 41B  Individual Problems in Painting: Advanced  3 units
27 lecture hours, 81 lab hours
Prerequisite: ART 41A and ART 9A and ART 9B
Transferable to CSU
Advanced painting in which students work on self directed painting and the development of a personal style.

ART 42A  Individual Problems in Ceramics: Beginning  3 units
27 lecture hours, 81 lab hours
Prerequisite: ART 12A and ART 12B
Transferable to CSU
Advanced techniques and processes for creative expression in Ceramics.

ART 42B  Individual Problems in Ceramics: Advanced  3 units
27 lecture hours, 81 lab hours
Prerequisite: ART 42A
Transferable to CSU
Advanced techniques and processes in which students work on self directed projects for the development of creative portfolios.

ART 43A  Individual Problems in Printmaking  3 units
27 lecture hours, 81 lab hours
Prerequisite: ART 15B
Transferable to CSU
Focused exploration of a single technique in printmaking. (L)

ART 43B  Individual Problems in Printmaking: Advanced  3 units
27 lecture hours, 81 lab hours
Prerequisite: ART 43A
Transferable to CSU
Advanced exploration of a single technique in printmaking. (L)

ART 44  Individual Problems in Drawing  3 units
27 lecture hours, 81 lab hours
Prerequisite: ART 4B
Transferable to CSU
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: ART 14A and ART 14B
Transferable to CSU
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: ART 14A and ART 14B
Transferable to CSU
Advanced techniques and processes; creative and personal expression in three dimensional form.

ART DESIGN: Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 66 for details.)
ART 14—Color Theory
ART 6A—Basic Design
ART 6B—Basic Design
ART 29—Individual Problems in Design

CERAMICS: Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 66 for details.)
ART 1L—Ceramics Laboratory
ART 12A—Ceramics
ART 12B—Ceramics
ART 42A—Individual Problems in Ceramics
ART 42B—Individual Problems in Ceramics: Advanced
Asian American Studies

ASIAN 31 Asian-American Humanities and Cultures 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 (No Lab)
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, 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 to students with credit in ASTRO 1. (L,M)

ASTRO 11 Astronomy Laboratory 1 unit
54 lab hours
Prerequisite: ASTRO 1
Transferable to CSU/UC
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 telescopes and other instruments. (L)

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 to 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 Automotive courses utilize an I-car based curriculum.

AUTO BODY AND REPAIR (Associate in Science)

Required Courses

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<tr>
<td>AUTO 36 Air Conditioning and Heating Systems</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 41 Alignment and Suspensions</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 63 Basic Autobody Restoration</td>
<td>2</td>
</tr>
<tr>
<td>AUTO 70 Introduction to Autobody Technology</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 76 I-Car Autobody - Non-structural 1 &amp; 2</td>
<td>2</td>
</tr>
<tr>
<td>AUTO 77 I-Car Autobody - Refinishing 1 &amp; 2</td>
<td>2</td>
</tr>
<tr>
<td>WELD 30 Gas Welding</td>
<td>2</td>
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<tr>
<td>AUTO 278 I-Car Autobody Shop Experience</td>
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</tbody>
</table>

Total units required for degree major: 37

MASTER MECHANIC (Certificate of Achievement)

Required Courses

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>AUTO 20 Automotive Technical Skills</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 21 Introduction to Automobiles</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 22 Hydraulics (Fluid Power)</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 30 Manual Drive Trains-Gas and Diesel Vehicles</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 31 Automatic Transmissions Gas and Diesel Vehicles</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 33 Fuel Systems</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 35 Automotive Electrical Systems</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 36 Air Conditioning and Heating Systems</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 40 Brake Systems</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 41 Alignment and Suspensions</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 44 Electrical Systems</td>
<td>6</td>
</tr>
<tr>
<td>AUTO 45 Engine Diagnosis/Repairing</td>
<td>4</td>
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</table>

Total units required: 42

TUNE-UP AND DRIVEABILITY (Certificate of Achievement)

Required Courses

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<th>Required Courses</th>
<th>Units</th>
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<tbody>
<tr>
<td>AUTO 20 Automotive Technical Skills</td>
<td>3</td>
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<tr>
<td>AUTO 33 Fuel Systems</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 36 Air Conditioning and Heating Systems</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 44 Electrical Systems</td>
<td>6</td>
</tr>
<tr>
<td>AUTO 55 Advanced Tune-Up</td>
<td>5</td>
</tr>
<tr>
<td>AUTO 610 Engine Performance Experience</td>
<td>1</td>
</tr>
<tr>
<td>AUTO 95 State Emission Control License</td>
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Total units required: 28.5

TUNE-UP AND DRIVEABILITY

Required Courses

<table>
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<tr>
<th>Required Courses</th>
<th>Units</th>
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<tbody>
<tr>
<td>AUTO 20 Automotive Technical Skills</td>
<td>3</td>
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<tr>
<td>AUTO 33 Fuel Systems</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 36 Air Conditioning and Heating Systems</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 44 Electrical Systems</td>
<td>6</td>
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<tr>
<td>AUTO 55 Advanced Tune-Up</td>
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<tr>
<td>AUTO 610 Engine Performance Experience</td>
<td>1</td>
</tr>
<tr>
<td>AUTO 95 State Emission Control License</td>
<td>2.5</td>
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</tbody>
</table>

Total units required: 28.5

COMMERCIAL ART: Family of Classes

No more than four classes can be attempted within each family of classes listed below. See page 66 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 66 for details.

ART 44—Individual Problems in Drawing
ART 48—Drawing and Composition

PAINTING: Family of Classes

No more than four classes can be attempted within each family of classes listed below. See page 66 for details.

ART 9A—Painting
ART 9B—Watercolor Painting
ART 9C—Painting
ART 9D—Individual Problems in Painting: Beginning
ART 42B—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 66 for details.

ART 21—Materials and Processes
ART 36—Field Workshop—Black and White
ART 39—Field Workshop—Color/Digital

PRINTMAKING: Family of Classes

No more than four classes can be attempted within each family of classes listed below. See page 66 for details.

ART 21—Materials and Processes
ART 15A—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 66 for details.

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

(A,L,M,C) - College level language, math and/or computer skills advised.
**Programs and Courses**

**AUTOMATIC TRANSMISSION/TRANSAXLE**  
**Certificate of Training**  
**Required Courses**  
<table>
<thead>
<tr>
<th>Units</th>
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<tbody>
<tr>
<td>AUTO 20 Automotive Technical Skills</td>
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<tr>
<td>AUTO 22 Hydraulics (Fluid Power)</td>
</tr>
<tr>
<td>AUTO 31 Manual Drive Trains/Gas and Diesel Vehicles</td>
</tr>
<tr>
<td>AUTO 32A Engine Machining/Reconditioning</td>
</tr>
</tbody>
</table>

Total units required: 12

**HEATING AND AIR CONDITIONING**  
**Certificate of Training**  
**Required Courses**  
<table>
<thead>
<tr>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>AUTO 20 Automotive Technical Skills</td>
</tr>
<tr>
<td>AUTO 38 Air Conditioning and Heating Systems</td>
</tr>
<tr>
<td>AUTO 62E Heating/Air Conditioning Experience</td>
</tr>
</tbody>
</table>

Total units required: 8

**MANUAL DRIVE TRAIN AND AXLES**  
**Certificate of Training**  
**Required Courses**  
<table>
<thead>
<tr>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO 20 Automotive Technical Skills</td>
</tr>
<tr>
<td>AUTO 30 Manual Drive Trains-Gas and Diesel Vehicles</td>
</tr>
<tr>
<td>AUTO 62B Manual Drive Train/Axles Experience</td>
</tr>
</tbody>
</table>

Total units required: 8

**SUSPENSION AND STEERING**  
**Certificate of Training**  
**Required Courses**  
<table>
<thead>
<tr>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO 20 Automotive Technical Skills</td>
</tr>
<tr>
<td>AUTO 41 Alignment and Suspensions</td>
</tr>
<tr>
<td>AUTO 62C Suspension/Steering Experience</td>
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</tbody>
</table>

Total units required: 9

**ENGINE MACHINING**  
**Certificate of Training**  
**Required Courses**  
<table>
<thead>
<tr>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>AUTO 20 Automotive Technical Skills</td>
</tr>
<tr>
<td>AUTO 44 Electrical Systems</td>
</tr>
<tr>
<td>AUTO 61C Electrical Systems Experience</td>
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Total units required: 10

**ENGINE PERFORMANCE**  
**Certificate of Training**  
**Required Courses**  
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<thead>
<tr>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>AUTO 33 Fuel Systems</td>
</tr>
<tr>
<td>AUTO 61D Engine Performance Experience</td>
</tr>
</tbody>
</table>

Total units required: 15

**ENGINE REPAIR**  
**Certificate of Training**  
**Required Courses**  
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<tr>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>AUTO 20 Automotive Technical Skills</td>
</tr>
<tr>
<td>AUTO 45 Engine Diagnosis/Rebuilding</td>
</tr>
<tr>
<td>AUTO 61A Engine Repair Experience</td>
</tr>
</tbody>
</table>

Total units required: 8

**BRAKES**  
**Certificate of Training**  
**Required Courses**  
<table>
<thead>
<tr>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO 20 Automotive Technical Skills</td>
</tr>
<tr>
<td>AUTO 22 Hydraulics (Fluid Power)</td>
</tr>
<tr>
<td>AUTO 40 Brake Systems</td>
</tr>
</tbody>
</table>

Total units required: 10

**ELECTRICAL SYSTEMS**  
**Certificate of Training**  
**Required Courses**  
<table>
<thead>
<tr>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO 20 Automotive Technical Skills</td>
</tr>
<tr>
<td>AUTO 44 Electrical Systems</td>
</tr>
</tbody>
</table>

Transferable to CSU

**PROGRAMS AND COURSES**  
**AUTO 20 Automotive Technical Skills**  
**Course Description**

- Introduction to automotive air conditioning systems and service. Focus on practical troubleshooting skills.

**AUTO 22 Hydraulics (Fluid Power)**  
**Course Description**

- Basic operating principles of hydraulic systems, including systems design and analysis. Focus on practical troubleshooting skills.

**AUTO 31 Automatic Transmission/Gas and Diesel Vehicles**  
**Course Description**

- Program includes hands-on practice in automatic transmission repair and diagnostics. Focus on practical troubleshooting skills.

**AUTO 32 Basic Fuel and Emission Systems**  
**Course Description**

- Study of the fundamental principles of fuel and emission systems, including fuel injection systems, emission control systems, and related troubleshooting skills.

**AUTO 33 Fuel Systems**  
**Course Description**

- An in-depth study of fuel systems, including fuel injection systems and computerized fuel management systems. Focus on practical troubleshooting skills.

**AUTO 34 Basic Electrical Systems**  
**Course Description**

- Basic electrical systems, including electrical power distribution, ignition systems, and related troubleshooting skills.

**AUTO 35 Air Conditioning and Heating Systems**  
**Course Description**

- Basic operating principles of automotive air conditioning, heating, and ventilating systems. Focus on practical troubleshooting skills.

**AUTO 36 Engine Machining and Reconditioning**  
**Course Description**

- Applied principles of engine machining and reconditioning techniques. Focus on practical troubleshooting skills.

**AUTO 37 Fundamentals of Engine**  
**Course Description**

- Introduction to engine performance, including engine theory of operation and practical troubleshooting skills.

**AUTO 38 Liquid/Capacitor Discharge/ignition Systems**  
**Course Description**

- Study of the fundamental principles of liquid/capacitor discharge ignition systems, including system operation and related troubleshooting skills.

**AUTO 39 Basic Engine Repair**  
**Course Description**

- Basic operating principles of automotive repair and diagnostics. Focus on practical troubleshooting skills.

**AUTO 40 Brake Systems**  
**Course Description**

- Basic operating principles of automotive braking system, including brake theory and practical troubleshooting skills.

**AUTO 41 Alignment and Suspension**  
**Course Description**

- Study of suspension and steering systems, including suspension and steering theory and practical troubleshooting skills.

**AUTO 42 Body Repair**  
**Course Description**

- Study of body repair techniques, including collision damage and related troubleshooting skills.

**AUTO 43 Engine Theory of Operation**  
**Course Description**

- Study of engine theory of operation, including engine theory and practical troubleshooting skills.

**AUTO 44 Basic Fuel and Emission Systems**  
**Course Description**

- Study of the fundamental principles of fuel and emission systems, including fuel injection systems and related troubleshooting skills.

**AUTO 45 Structure and Operation of Engines**  
**Course Description**

- Study of engine structure and operation, including engine theory and practical troubleshooting skills.

**AUTO 46 Engine Machining and Reconditioning**  
**Course Description**

- Applied principles of engine machining and reconditioning techniques. Focus on practical troubleshooting skills.

**AUTO 47 Advanced Fuel and Emission Systems**  
**Course Description**

- Study of advanced fuel and emission systems, including fuel injection systems and related troubleshooting skills.

**AUTO 48 Basic Engine Repair**  
**Course Description**

- Basic operating principles of automotive repair and diagnostics. Focus on practical troubleshooting skills.

**AUTO 49 Basic Engine Repair**  
**Course Description**

- Basic operating principles of automotive repair and diagnostics. Focus on practical troubleshooting skills.

**AUTO 50 Fundamentals of Engine**  
**Course Description**

- Introduction to engine performance, including engine theory of operation and practical troubleshooting skills.

**AUTO 51 Advanced Fuel and Emission Systems**  
**Course Description**

- Study of advanced fuel and emission systems, including fuel injection systems and related troubleshooting skills.

**AUTO 52 Engine Theory of Operation**  
**Course Description**

- Study of engine theory of operation, including engine theory and practical troubleshooting skills.

**AUTO 53 Structure and Operation of Engines**  
**Course Description**

- Study of engine structure and operation, including engine theory and practical troubleshooting skills.

**AUTO 54 Basic Engine Repair**  
**Course Description**

- Basic operating principles of automotive repair and diagnostics. Focus on practical troubleshooting skills.

**AUTO 55 Advanced Fuel and Emission Systems**  
**Course Description**

- Study of advanced fuel and emission systems, including fuel injection systems and related troubleshooting skills.

**AUTO 56 Engine Machining and Reconditioning**  
**Course Description**

- Applied principles of engine machining and reconditioning techniques. Focus on practical troubleshooting skills.

**AUTO 57 Advanced Fuel and Emission Systems**  
**Course Description**

- Study of advanced fuel and emission systems, including fuel injection systems and related troubleshooting skills.

**AUTO 58 Engine Theory of Operation**  
**Course Description**

- Study of engine theory of operation, including engine theory and practical troubleshooting skills.

**AUTO 59 Structure and Operation of Engines**  
**Course Description**

- Study of engine structure and operation, including engine theory and practical troubleshooting skills.
AUTO 50B Advanced Engine Performance and Diagnosis 2 units
54 lecture hours, 54 lab hours
Advanced study with current automotive/diesel diagnostic tools and methodologies to troubleshoot and repair complex problems related in fuel, electrical, and emissions control. Activities include diagnostic skills in drivability, emission diagnostics I & II, including scan tools, meter usage, lab scopes, computerized analyzers and dynamometer five-gas emission diagnostic equipment and other related equipment as it pertains to gas or diesel electronic engine management systems. Bureau of Automotive Repair L-1 certification is offered upon successful completion of final test.

AUTO 55 Advanced Tune-Up 5 units
36 lecture hours, 162 lab hours
Advanced automotive tune-up emphasizing problems pertaining to fuel ignition, emission, computers, wiring systems, and other diagnostic equipment. Latest diagnostic, tune-up, and service skills will be demonstrated and used.

AUTO 61A Engine Repair Experience 1 unit
54 lab hours
Prerequisite: 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 repair.

AUTO 61B Engine Machining 1 unit
54 lab hours
Prerequisite: AUTO 46 or concurrent enrollment.
Individualized activities intended to meet the specific needs of advanced students through specialized training in automotive engine machining and reconditioning. 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.

AUTO 61C Electrical Systems Experience 1 unit
54 lab hours
Prerequisite: AUTO 44 or concurrent enrollment.
Individualized activities intended to meet the specific needs of advanced students through specialized training in automotive 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.

AUTO 61D Engine Performance Experience 1 unit
54 lab hours
Prerequisite: AUTO 44 or concurrent enrollment.
Individualized activities intended to meet the specific needs of advanced students through specialized training in automotive engine performance. Activities include in-depth operations not normally covered in the basic course. Intended primarily for students with prior practical experience in automotive engine performance.

AUTO 62A Auto Transmission/ Transaxle Experience 1 unit
54 lab hours
Corequisite: AUTO 31
Individualized activities intended to meet the specific needs of advanced students through specialized training in automatic transmissions and transaxles. Activities include in-depth operations not normally covered in the basic course. Intended primarily for students with prior practical experience in automotive automatic transmissions and transaxles.

AUTO 62B Manual Drivetrain and Axles Experience 1 unit
54 lab hours
Corequisite: AUTO 30
Individualized activities intended to meet the specific needs of advanced students through specialized training in automotive manual drivetrains 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 drivetrains and axles.

AUTO 62C Suspension and Steering 1 unit
54 lab hours
Corequisite: AUTO 41
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.

AUTO 62D Brakes Experience 1 unit
54 lab hours
Corequisite: AUTO 40
Individualized activities 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.

AUTO 62E Heat and Air Conditioning Exp 1 unit
54 lab hours
Corequisite: AUTO 36
Individualized activities intended to meet the specific needs of advanced students through specialized training in automotive heating and air conditioning. Activities include in-depth operations not normally covered in the basic course. Intended primarily for students with prior practical experience in automotive heating and air conditioning.

AUTO 63 Basic Autobody Restoration 3 units
36 lecture hours, 54 lab hours
Other: Students provide own repair and refinish materials. Designed for the student who wants to learn the basic techniques needed to restore their classic car or contemporary vehicle. Topics covered in this course will include equipment and tool safety, the different types of automotive paint and materials available, how to determine if a panel should be repaired or replaced, the damage removal sequence, paintless dent repair tools, and what is the best welding equipment and technique to use in the repair. (L)

AUTO 64 Hybrid/Autonomous Vehicular Experience 3 units
54 lecture hours, 54 lab hours
Designed to refine the student’s skills needed to be successful in a collision repair environment. Students will use the latest industry training standards to repair and refine late model vehicles to factory standards. (L)

AUTO 70 Introduction to Autobody Technology 4 units
54 lecture hours, 54 lab hours
Introduces the student to the fundamentals of autobody collision repair. Topics will include: Hazardous Material Regulations including handling, storage, and disposal of hazardous materials; MEDEX code information, personal protective equipment, repair facility safety. Oxyacetylene applications, the brazing process, vehicle design and collision energy management, repair issues, interior and exterior hardware, painted pinstripes, speaker mountings, and other bolt-on accessories. (L)

AUTO 75 I-Car Structural Steel 1 4 units
54 lecture hours, 54 lab hours
This course will cover the first two sections of straightening structural steel. Course will include computerized measuring, vehicle dimensions, measuring equipment and operation and correcting structural damage. (L)

AUTO 76 I-Car Autobody - Non-Structural 1 and 2 4 units
54 lecture hours, 54 lab hours
Includes the following: colorfast straightening steel, bolt-on part replacement, moveable glass, steel GMA-MIG Welding, squeeze-type resistance spot welding, welded and adhesively bonded panel replacement. (L)

AUTO 77 I-Car Autobody - Refinishing 1 and 2 4 units
54 lecture hours, 54 lab hours
Covers all aspects of auto detailing; inspecting the finish, identifying finish defects, removing finish defects, understanding interior and exterior finishes. Will also cover refinishing equipments and VOC regulations, surface preparation and masking. (L)

AUTO 78A I-Car Autobody - Shop Experience 4 units
54 lecture hours, 54 lab hours
Prerequisite: AUTO 70, AUTO 76, AUTO 77
Corequisite: WELD 20, AUTO 75
Designed to refine the student’s skills needed to be successful in a collision repair environment. Students will use the latest industry training standards to repair and refine late model vehicles to factory standards. The student will be tasked with estimating and preparing a repair plan and completing those repairs. (L)

AUTO 78B I-Car Autobody - Shop Experience 4 units
54 lecture hours, 54 lab hours
Prerequisite: AUTO 70, AUTO 76, AUTO 77
Corequisite: AUTO 75
Designed to refine the student’s skills needed to be successful in a collision repair environment. Students will use the latest industry training standards to repair and refine late-model vehicles to factory standards. The student will be tasked with estimating and preparing a repair plan and completing those repairs. (L)
Programs and Courses

Biology

The Associate of Science Degree in Biology is designed to prepare students for transfer to four-year institutions for pre-professional studies in medical, dental and pharmacy programs. 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.

BIOLOGY (Associate in Science)

Required Courses

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<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>BIOL 1</td>
<td>Principles of Biology</td>
<td>5</td>
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<tr>
<td>BIOL 2</td>
<td>General Zoology</td>
<td>4</td>
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<tr>
<td>BIOL 3</td>
<td>General Botany</td>
<td>4</td>
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<tr>
<td>CHEM 1A</td>
<td>General Chemistry I</td>
<td>5</td>
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<tr>
<td>CHEM 1B</td>
<td>General Chemistry II</td>
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<tr>
<td>PHYS 2A</td>
<td>General Physics</td>
<td>3</td>
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<td>PHYS 2B</td>
<td>General Physics</td>
<td>3</td>
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<td>PHYS 3B</td>
<td>General Physics Lab</td>
<td>1</td>
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<tr>
<td>OR</td>
<td>PHYS 4A</td>
<td>Electromechanics</td>
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<tr>
<td>OR</td>
<td>PHYS 4B</td>
<td>Electromagnetism</td>
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<td>AND one of the following depending on where the student will transfer</td>
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<tr>
<td></td>
<td>MATH 1A First Year Calculus</td>
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<td>MATH 9 Calculus for Business, Social and Life Science</td>
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<tr>
<td></td>
<td>STAT 1 Introduction to Statistical Methods</td>
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<td>Total units required for degree major</td>
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<tr>
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<td>Also recommended, but not required:</td>
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<tr>
<td></td>
<td>CHEM 1A Organic Chemistry I</td>
<td>4</td>
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<tr>
<td></td>
<td>CHEM 1B Organic Chemistry II</td>
<td>4</td>
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</table>

BIOL 1 Principles of Biology

5 units
54 lecture hours, 108 lab hours
Prerequisite: MATH 52
Other: Background in high school biology or chemistry is recommended.
Transferrable to CSU/UC
An introduction to biology for majors that emphasizes the molecular, cellular, and environmental processes that are common to most organisms. Topics include an introduction to biomolecules, cell structure, reproduction, enzymes, fermentation, respiration, photosynthesis, molecular genetics, heredity, and evolution. (L,C)

BIOL 2 General Zoology

4 units
56 lecture hours, 108 lab hours
Prerequisite: BIOL 1 or BIOL 15 and MATH 52
Transferrable to CSU/UC
Applies the concepts introduced in Biology 1 to the study of animals and evolution. Animal topics include: patterns of diversity and classification, anatomy and physiology, development and significance of sexual reproduction. Evolution topics include speciation, macro- and microevolution, adaptation to environmental and social challenges, and natural selection. Designed for biology majors and related fields, but open to all qualified students. (L)

BIOL 3 General Botany

4 units
56 lecture hours, 108 lab hours
Prerequisite: BIOL 1 or BIOL 15 and MATH 52
Transferrable to CSU/UC
Applies the concepts introduced in Biology 1 to the study of plants and general ecology. Topics include morphology, physiology, systematics, and evolutionary trends among cyanobacteria, algae, fungi, and plants. Population, community, and ecosystems dynamics of higher plants will be emphasized. Designed primarily for biology majors and related fields but open to all qualified students. (L)

BIOL 4 Human Anatomy

4 units
56 lecture hours, 108 lab hours
Prerequisite: BIOL 1 or BIOL 15
Transferrable to CSU/UC
C-ID: BIOC 110B
An introduction to the gross, microscopic and organizational structure of the human body. Includes an emphasis upon the interrelationship between the 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
36 lecture hours, 108 lab hours
Prerequisite: BIOL 1 or BIOL 15
Transferrable to CSU/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 intracellular, extracellular, muscular, nervous, endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems. (L,M,C)

BIOL 6 Introductory Microbiology

4 units
36 lecture hours, 108 lab hours
Prerequisite: BIOL 1 or BIOL 15
Transferrable 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)

BIOL 10 General Biology

3 units
54 lecture hours
Transferrable 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 relationship of structure to function and the interrelationships of living organisms. Lecture only. Not open for credit to student with credit in BIOL 10L. (L)

BIOL 10L General Biology

4 units
54 lecture hours, 54 lab hours
Transferrable 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 relationship of structure to function and the interrelationships of living organisms. Labs and lectures. Not open for credit to student with credit in BIOL 10L. (L)

BIOL 11 General Biology Laboratory 1

1 unit
54 lab hours
Transferrable to CSU
Hands-on laboratory study for non-science majors. Exploration of origin, characteristics, regulation, energy utilization, respiration, and interrelationships of living organisms. Not open for credit to student with credit in BIOL 10L. (L)

BIOL 15 Bioscience

4 units
54 lecture hours, 54 lab hours
Transferrable to CSU/UC - UC Unit Limit
Introduction to the unifying principles of biology including the chemistry of life, cell structure and function, energy, genetics, evolution, and organismal structure. (L,C)

BIOL 24 Human Biology

3 units
54 lecture hours
Transferrable to CSU/UC
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 25 Human Genetics

3 units
54 lecture hours
Transferrable 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. (L)

Business Accounting

ACCOUNTING (Associate in Science)

Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 1L</td>
<td>Principles of Accounting - Financial</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 2L</td>
<td>Principles of Accounting - Managerial</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 3</td>
<td>Computerized Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BCA 15</td>
<td>Business Computer Applications - Beginning</td>
<td>3</td>
</tr>
<tr>
<td>BCA 17</td>
<td>Business Computer Applications - Advanced</td>
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</tr>
<tr>
<td>BCA 34</td>
<td>Advanced Excel</td>
<td>1</td>
</tr>
<tr>
<td>BCA 41B</td>
<td>Windows XP</td>
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</tr>
<tr>
<td>GNBUS 10</td>
<td>Introduction to Global Business</td>
<td>3</td>
</tr>
<tr>
<td>GNBUS 18A</td>
<td>Business Law</td>
<td>3</td>
</tr>
<tr>
<td>GNBUS 56</td>
<td>Business Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>OA 22</td>
<td>Machine Calculation</td>
<td>1.5</td>
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<tr>
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<td>Total units required for degree major</td>
<td>31</td>
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<tr>
<td></td>
<td>Additional Recommended Courses:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACCT 6</td>
<td>Individual Income Taxes-Federal/State</td>
</tr>
<tr>
<td></td>
<td>ACCT 9</td>
<td>Business Payroll Procedures</td>
</tr>
<tr>
<td></td>
<td>ACCT 10A</td>
<td>General Accounting</td>
</tr>
<tr>
<td></td>
<td>CWEE 45</td>
<td>Oec. Work Experience OR</td>
</tr>
<tr>
<td></td>
<td>ECON 46</td>
<td>Internship</td>
</tr>
<tr>
<td></td>
<td>ECON 1A</td>
<td>Elementary Economics - Macro</td>
</tr>
<tr>
<td></td>
<td>OA 15A</td>
<td>Business Writing</td>
</tr>
<tr>
<td></td>
<td>SPECH 6</td>
<td>Group Communication</td>
</tr>
</tbody>
</table>

2015-2016 Catalog
ACCOUNTING (Certificate of Achievement) Required Courses Units
ACCT 3 Computerized Accounting ........................................... 3
ACCT 10A General Accounting ........................................... 4
B 2L Business Computer Applications .................................. 3
GNBS 54 Business Mathematics ........................................... 3
OA 22 Machine Calculation ............................................. 1.5
Plus 4 units from the following:
ACCT 1L Principles of Accounting ........................................... 4.5
ACCT 2L Principles of Accounting ........................................... 5
ACCT 3 Computerized Accounting ........................................... 3
B 2L Business Computer Applications .................................. 3
B 17 Business Computer Applications .................................. 3
GNBS 56 Business Mathematics ........................................... 3
OA 22 Machine Calculation ............................................. 1.5
Plus 4 units from the following:
ACCT 6 Individual Income Taxes-Federal/State ......................... 4
ACCT 9 Business Payroll Procedures ..................................... 3.5
CWE 45 Occ. Wrk Experience OR Intrn 46 Internship ................. 1.4
GNBS 10 Introduction to Global Business ................................ 1.3
Total units required ......................................................... 18.5

ACCOUNTING (Certificate of Achievement) Required Courses Units
ACCT 1 Principles of Accounting ........................................... 4.5
ACCT 2 Principles of Accounting ........................................... 5
ACCT 3 Computerized Accounting ........................................... 3
ACCT 10A General Accounting ........................................... 4
B 17 Business Computer Applications .................................. 3
B 2L Business Computer Applications .................................. 3
GNBS 56 Business Mathematics ........................................... 3
OA 22 Machine Calculation ............................................. 1.5
Plus 4 units from the following:
ACCT 6 Individual Income Taxes-Federal/State ......................... 4
ACCT 9 Business Payroll Procedures ..................................... 3.5
CWE 45 Occ. Wrk Experience OR Intrn 46 Internship ................. 1.4
Total units required ......................................................... 18.5

INCOME TAX PREPARATION (Certificate of Achievement) Required Courses Units
ACCT 3 Computerized Accounting ........................................... 3
ACCT 6 Indiv. Income Taxes-Federal/State ................................ 4
ACCT 10A General Accounting ........................................... 4
ACCT 1L Principles of Accounting ........................................... 4.5
B 3A Introduction to Excel .................................................. 1
GNBS 10 Introduction to Global Business ................................ 3
GNBS 56 Business Mathematics ........................................... 3
OA 22 Machine Calculation ............................................. 1.5
Total units required ......................................................... 19.5

ACCT 1 Principles of Accounting ........................................... 4 units
72 lecture hours
Prerequisite: ACCT 10A or qualifying score on Mathematics placement examination and BCA 15 or BCA 33A
Corequisite: ACCT 1A and/or prior tax experience recommended.
Transferable to CSU/UC - UC Unit Limit
Study of accounting as an information system, examining why it is important and how it is used by investors, creditors, and other to make decisions. The course covers the accounting information system, including recording and reporting business transactions with a focus on the accounting cycle. The application of generally accepted accounting principles, the financial statements, and statement analysis. Includes issues relating to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls, and ethics. (L,M,C)

ACCT 2L Principles of Accounting ........................................... 5 units
72 lecture hours
Prerequisite: BCA 15 and/or prior tax experience recommended.
Transferable to CSU/UC - UC Unit Limit
Corequisite: ACCT 1A
Lab: Financial
Laboratory to accompany Principles of Accounting - Financial (ACCT 1): Students use the computer as a tool in solving accounting problems. Includes spreadsheets and computerized accounting system. Each student is required to have some type of storage device to save their files on. (L,M)

ACCT 1L Principles of Accounting ........................................... 4.5 units
72 lecture hours
Prerequisite: ACCT 10A or qualifying score on mathematics part of Placement Examination; BCA 15 or BCA 33A or equivalent.
Transferable to CSU/UC
Accounting for business activities, general ledger, special journals, accounts receivable, cash control, depreciation inventories, and other aspects. Same as ACCT 1 but includes computer applications for accounting partnerships and corporations. Not open for credit to students with credit in ACCT 1. (L,M)

ACCT 3 Computerized Accounting ........................................... 4 units
72 lecture hours
Prerequisite: ACCT 10A or equivalent
Transferable to CSU
Computerized accounting using QuickBooks Pro. Basic through intermediate features for small and medium size businesses including banking, sales and customers, purchases and vendors, inventory, reports and graphs. Application of all aspects of accounting cycle. (L,M,C)

ACCT 6 Individual Income Taxes ........................................... 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, toll-free by phone 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, timesheets, 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 and Special Journals, General Ledger and Subsidiary Ledgers. Includes payroll processes, and proper Financial Reporting. (L,M)
Programs and Courses

BUSINESS COMPUTER APPLICATIONS (Certificate of Achievement)  
Required Courses  
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<td>Windows XP</td>
<td>1 unit</td>
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(Beginning)  
Examination of information systems in business. Focus on information systems, database management systems, 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,M)  
Prerequisite: BCA 15.  
Transferable to CSU

(Advanced)  
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)  
Prerequisite: BCA 15  
Transferable to CSU

(Beginning)  
Learn advanced features of Microsoft Excel. Topics include advanced formatting, charts, forms, styles, graphics, borders, shading, drawing, macros, sort, and merging features. Grades are P/NP. (L)  
Prerequisite: BCA 22B  
Transferable to CSU

(Advanced)  
Learn the basics of PowerPoint and more: create presentations, organize content, add visuals, include elements and data from other sources, and modify master slides and timings. Customize, prepare for distribution and deliver presentations. Familiarity with keyboard recommended. Grades are P/NP. (L,M)  
Transferable to CSU

(Beginning)  
Learn basic features of Microsoft Excel. Including: using the interface, working with text labels, values, formulas, functions, editing and formatting. Spreadsheet designed for decision-making, creating charts, list and data management. Hands-on coursework that focuses on business, academic and personal applications. Grades are P/NP. (L,M)  
Transferable to CSU

Programs and Courses

ACCT 10A General Accounting | 4 units |
BCA 41B Windows XP | 1 unit |
BCA 42A Internet Literacy and Safety | 3 units |
BCA 52/GNBUS 52 Business English | 1 unit |
BCA 55 Business Applications | 3 units |
BCA 57 Business Management | 3 units |
BCA 59 Business Communications | 3 units |
BCA 60 General Office Procedures | 4 units |

BUSINESS COMPUTER APPLICATIONS (Certificate of Achievement)  
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Transferable to CSU

Programs and Courses

ACCT 10A General Accounting | 4 units |
BCA 41B Windows XP | 1 unit |
BCA 42A Internet Literacy and Safety | 3 units |
BCA 52/GNBUS 52 Business English | 1 unit |
BCA 55 Business Applications | 3 units |
BCA 57 Business Management | 3 units |
BCA 59 Business Communications | 3 units |
BCA 60 General Office Procedures | 4 units |

BUSINESS COMPUTER APPLICATIONS (Certificate of Achievement)  
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(Beginning)  
Learn basic features of Microsoft Excel. Including: using the interface, working with text labels, values, formulas, functions, editing and formatting. Spreadsheet designed for decision-making, creating charts, list and data management. Hands-on coursework that focuses on business, academic and personal applications. Grades are P/NP. (L,M)  
Transferable to CSU
B.C.A. 44D  Web Page Management and Design  3 units
36 lecture hours, 54 lab hours
Transferable to CSU
Fundamentals of Web publishing utilizing web design and imaging software. The course will focus on HTML, design, coding, editing, and maintenance of web pages; emphasis on web page elements such as CSS, image editing, ADA design, and project management. Real-life informational and interactive presentations to include testing and maintenance of web sites on the World Wide Web. Not open for credit to students with credit in IT 42D. (L,C)

B.C.A. 44D  Digital Imaging  2 units
27 lecture hours, 27 lab hours
Transferable to CSU
An introduction to digital photography that explores the composition and aesthetics of photography. Emphasis is on concepts and techniques of image manipulation software. The course addresses printing and displaying photographic portfolios. Demonstrates the use of digital images in webpage and graphic publications. Not open for credit to students with credit in IT 44D. (L,C)

General Business

GENERAL BUSINESS MANAGEMENT
( Associate in Science )

Required Courses

<table>
<thead>
<tr>
<th>Units</th>
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</tr>
</thead>
<tbody>
<tr>
<td>BCA 15 Business Computer Applications - Beginning</td>
<td>3</td>
</tr>
<tr>
<td>GNBUS 10 Introduction to Global Business</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>ECON 1A Elementary Economics-Macro</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 10 Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>Plus 3 units from the following:</td>
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</tr>
<tr>
<td>ACCT 1L Principles of Accounting - Financial</td>
<td>4.5</td>
</tr>
<tr>
<td>ACCT 2L Principles of Accounting - Managerial</td>
<td>5</td>
</tr>
<tr>
<td>ACCT 6 Individual Income Tax</td>
<td>4</td>
</tr>
<tr>
<td>GNBUS 25 Career Planning</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 35 Management Psychology</td>
<td>3</td>
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<tr>
<td>OA 52/GNBUS 52 Business English</td>
<td>3</td>
</tr>
<tr>
<td>SPECH 1 Public Speaking OR</td>
<td></td>
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<tr>
<td>SPECH 6 Group Communication</td>
<td>3</td>
</tr>
<tr>
<td>Total units required for degree major</td>
<td>21</td>
</tr>
</tbody>
</table>

Programs and Courses

GNBUS 10  Introduction to Global Business  3 units
54 lecture hours Transferable to CSU/UC
C-ID BUS 110
Survey of the diverse activities of businesses operating in a changing global environment. Examines how culture and customs, global economic systems, technology, legal factors, global business strategies, trade barriers, finance, and human relations interact to affect U.S. business policies and practices. Covers factors that affect a business’ ability to achieve its organizational goals and competitive advantage including entrepreneurship, organizational design and structure, leadership, human resource management and practices, communications, leadership and innovation, marketing and consumer behavior, e-business, legal issues, accounting, financial management and investing options. (L,C)

GNBUS 18A  Business Law  3 units
54 lecture hours Transferable to CSU/UC
C-ID BUS 125
Law and its relationship to business. Laws and regulations affecting managerial decisions. Dispute resolution, contracts, government regulations and other area of commercial law explored through case analysis. Other legal concepts explored include ethics, employment, consumer transactions, competition, the environment, agency, and business organizations. (L,C)

GNBUS 21  Business Communications  3 units
54 lecture hours
Prerequisite: OA 52 and Word Processing and Keyboarding skills
Transferable to CSU
Application of principles of ethical and effective communication to the creation of letters, memos, e-mails, and written and oral reports for a variety of business situations. Development and refinement of written and oral business communication skills including planning, composing, editing, and revising business documents using word processing software for written documents and presentation software to create and deliver professional oral reports. This course is designed for students who already have college-level writing skills. Not open for credit for students with credit in COUNS 25. (L,C)

GNBUS 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 changing and multilevel workplace, 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 COUNS 25. (L,C)

GNBUS 28  Investments  3 units
54 lecture hours Transferable to CSU
Types of investments with emphasis on the stock market. Evaluation of investment objectives. Factors affecting investment decisions. Assessment of the "Wall Street Journal." (L,C)

GNBUS 52  Business English  3 units
54 lecture hours
A review of English grammar with applications for written and oral business communications. Not open for credit to students with credit in OA 52. (L)

GNBUS 56  Business Mathematics  3 units
54 lecture hours
Prerequisite: GNBUS 100
Math for accounting, management, real estate and marketing.
Topics include: payroll, inventory controls, trade and cash discounts, simple and compound interest, present value, annuities and sinking funds, discounting of notes, buying and selling of mutual funds and stocks, depreciation, financial statements and real estate loans. (L,M)

GNBUS 100  Elementary Business Math  3 units
54 lecture hours
Mathematics operations involving whole numbers, fractions, decimals, and percents; applications including income, property, and social security taxes; averages; wages and salaries; bank records; algebraic solutions to find unknowns. (L,M)

Information Technology

IT 42A  Internet Literacy and Safety  3 units
54 lecture hours Transferable to CSU
Internet Literacy and Safety
Exposes the student to a wide range of topics relating to Internet privacy, students will learn how to perform basic searches, work with email, manage and tune the web browser, and make the Internet a practical and functional part of everyday life. Designed to ease the fears of the novice and enhance the ability of the intermediate user. (L)

PERSONNEL MANAGEMENT
( Associate in Science )

Required Courses

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<td>GNBUS 56 Business Mathematics</td>
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</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>MGMT 35 Management Psychology</td>
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<td>OA 52/GNBUS 52 Business English</td>
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<tr>
<td>PSYCH 1A General Psychology</td>
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<td>SPECH 1 Public Speaking</td>
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RETAIL MANAGEMENT
( Certificate of Achievement )

Required Courses

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<tr>
<td>MGMT 35 Management Psychology</td>
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<tr>
<td>MKT 82 Marketing Management</td>
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<td>OA 21 Business Communications</td>
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<td>SPECH 1 Public Speaking</td>
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<td>SPECH 6 Group Communication</td>
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<td>Total units required</td>
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(L,M,C) - College level language, math, and/or computer skills advised.
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 of a business, basic functions of management, and the qualifications required in business management and/or ownership.

SMALL BUSINESS MANAGEMENT (Associate in Science) Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>BCA 15</td>
<td>Business Computer Applications - Beginning</td>
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</tr>
<tr>
<td>GNBUS 10</td>
<td>Intro. to Global Business</td>
<td>3</td>
</tr>
<tr>
<td>GNBUS 18A</td>
<td>Business Law</td>
<td>3</td>
</tr>
<tr>
<td>GNBUS 52/52</td>
<td>Business English</td>
<td>3</td>
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<td>GNBUS 56</td>
<td>Business Mathematics</td>
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Additional Recommended Courses

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<tbody>
<tr>
<td>BCA 33A</td>
<td>Introduction to Excel</td>
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<tr>
<td>BCA 34</td>
<td>Advanced Excel</td>
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<td>MGMT 5</td>
<td>Introduction to Supervision</td>
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<tr>
<td>MGMT 10</td>
<td>Principles of Management</td>
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<tr>
<td>MGMT 35</td>
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SMALL BUSINESS MANAGEMENT (Certificate of Achievement) Required Courses

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<tr>
<td>BCA 15</td>
<td>Business Computer Applications - Beginning</td>
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<tr>
<td>GNBUS 10</td>
<td>Intro. to Global Business</td>
<td>3</td>
</tr>
<tr>
<td>GNBUS 18A</td>
<td>Business Law</td>
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<tr>
<td>MGMT 5</td>
<td>Introduction to Supervision</td>
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<td>MGMT 10</td>
<td>Principles of Management</td>
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<td>Management Psychology</td>
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SMALL BUSINESS MANAGEMENT (Certificate of Achievement) Required Courses

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<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>BCA 15</td>
<td>Business Computer Applications - Beginning</td>
<td>3</td>
</tr>
<tr>
<td>GNBUS 10</td>
<td>Intro. to Global Business</td>
<td>3</td>
</tr>
<tr>
<td>GNBUS 18A</td>
<td>Business Law</td>
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<td>MGMT 5</td>
<td>Introduction to Supervision</td>
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Marketing

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<td>Business Promotional 3 units Planning</td>
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<tr>
<td>MKT 82</td>
<td>Marketing Management 3 units</td>
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Office Administration

ADMINISTRATIVE ASSISTANT (Associate in Science) Required Courses

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<tr>
<td>OA 158</td>
<td>Intermediate Keyboarding</td>
<td>3</td>
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<tr>
<td>OA 17B</td>
<td>Word Processing II</td>
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<tr>
<td>OA 52</td>
<td>Business English</td>
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<tr>
<td>OA 53</td>
<td>Filing</td>
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<td>OA 52/52</td>
<td>Business English</td>
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<tr>
<td>OA 61</td>
<td>Advanced Office Procedures</td>
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Additional Recommended Courses

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<tr>
<td>ACCT 10A</td>
<td>General Accounting</td>
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<td>ACCT 1L</td>
<td>Principles of Accounting-Financial</td>
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<tr>
<td>ACCT 2L</td>
<td>Principles of Accounting-Manual</td>
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<tr>
<td>BCA 15</td>
<td>Business Computer Applications - Beginning</td>
</tr>
<tr>
<td>BCA 22A</td>
<td>Introduction to Microsoft Word</td>
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<tr>
<td>BCA 22B</td>
<td>Advanced Microsoft Word</td>
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<tr>
<td>BCA 37A</td>
<td>Introduction to Access</td>
</tr>
<tr>
<td>BCA 41B</td>
<td>Windows XP</td>
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<td>Cewe 45</td>
<td>Dc. Wk Experience</td>
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<td>GNBUS 10</td>
<td>Intro. to Global Business</td>
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<tr>
<td>GNBUS 15A</td>
<td>Business Law</td>
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<td>Introduction to Supervision</td>
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<td>MGMT 10</td>
<td>Principles of Management</td>
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<td>MGMT 15</td>
<td>Human Resources Management</td>
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<td>SPECH 1</td>
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LEGAL Office Skills (Associate in Science) Required Courses

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<tbody>
<tr>
<td>BCA 15</td>
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<td>Advanced Microsoft Word</td>
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<td>BCA 41B</td>
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<td>GNBUS 10</td>
<td>Intro. to Global Business</td>
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</tr>
<tr>
<td>GNBUS 15A</td>
<td>Business Law</td>
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<tr>
<td>OA 22</td>
<td>Machine Calculation</td>
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<td>OA 21</td>
<td>Business Communications</td>
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<td>OA 53</td>
<td>Filing</td>
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<tr>
<td>OA 61</td>
<td>Advanced Office Procedures</td>
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<tr>
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Programs and Courses
Programs and Courses

MEDICAL OFFICE SKILLS
(Provide in Science)

Required Courses

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<tr>
<td>3</td>
<td>GNBUS 56 Business Mathematics</td>
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<td>3</td>
<td>NURS 51 Medical Terminology</td>
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<tr>
<td>3</td>
<td>OA 15B Intermediate Keyboarding</td>
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<tr>
<td>3</td>
<td>OA 17B Word Processing II</td>
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<tr>
<td>3</td>
<td>OA 52/GNBUS 52 Business English</td>
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<td>3</td>
<td>OA 55 Medical Word Processing</td>
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<td>5</td>
<td>OA 65 Medical Office Procedures</td>
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Total units required for degree major: 21

Additional Recommended Courses

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<th>Units</th>
<th>Courses</th>
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<tr>
<td>4</td>
<td>ACCT 10A General Accounting</td>
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<td>ACCT 1L Prin. of Accounting-Financial</td>
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<td>BCA 33A Introduction to Excel</td>
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<td>BCA 37A Introduction to Access</td>
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<td>BCA 418 Windows XP</td>
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<td>3</td>
<td>GNBUS 15A Introduction to Business</td>
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<td>GNBUS 18A Business Law</td>
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<td>OA 17A Word Processing I</td>
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<td>OA 22 Machine Calculation</td>
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<td>OA 53 Filing</td>
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<td>OA 60 General Office Procedures</td>
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<td>OA 61 Advanced Office Procedures</td>
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<td>3</td>
<td>GMTM 5 Introduction to Supervision</td>
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<td>GMTM 10 Office Management</td>
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<td>SPECH 1 Public Speaking</td>
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WORD PROCESSING (Provide in Science)

Required Courses

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<th>Units</th>
<th>Courses</th>
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<tbody>
<tr>
<td>3</td>
<td>BCA 15 Business Computer Applications - Beginning</td>
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<tr>
<td>3</td>
<td>BCA 18 Business Word Processing</td>
</tr>
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<td>OA 15B Intermediate Keyboarding</td>
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<td>OA 17A Word Processing I</td>
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<td>3</td>
<td>OA 17B Word Processing II</td>
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<td>OA 21 Business Communications</td>
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<td>OA 53 Filing</td>
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<td>OA 60 General Office Procedures</td>
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<td>OA 61 Advanced Office Procedures</td>
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</table>

Total units required for degree major: 25

OA 15A-1
Beginning Keyboarding 1 3 units
12 lecture hours, 54 lab hours

Transferable to CSU

Acquire basic beginning level of keyboarding skills and basic document formatting. Not open for credit to students with credit in OA15A, OA15A2, and OA15A3. (L)

OA 15A-2
Beginning Keyboarding 2 3 units
12 lecture hours, 54 lab hours

Transferable to CSU

Develop basic keyboarding skills using an alphanumeric keyboard. Students must be able to pass the two five-minute timings and a final for credit in the class. Students must pass this class before going on to higher levels of typing. This is the first course in a series of three modules to improve student typing skills and acquire a basic beginning level of keyboarding. Not open for credit to students with credit in OA15A, OA15B, 15C or one or more units of OA 150. (L)

OA 15A2 Beginning Keyboarding 2 1 unit
12 lecture hours, 18 lab hours

Prerequisite: OA 15A or ability to key at 30 NET words a minute. (L)

Transferable to CSU

Further development of keyboarding skills using an alphanumeric keyboard and begin to learn formatting skills. Students must be able to pass two 5-minute timings and a final for credit in the class. Students must pass this class before going on to higher levels of typing. This is the second course in a series of three modules to improve student typing skills, acquire a basic beginning level of keyboarding, and basic document formatting. Not open to students with credit in OA 15A, 15B, 15C or two or more units of OA 150. (L)

OA 15A3 Beginning Keyboarding 3 1 unit
12 lecture hours, 18 lab hours

Prerequisite: OA 15A-2

Transferable to CSU

Master of keyboarding skills using an alphanumeric keyboard while enhancing basic formatting skills. Students must be able to pass two 5-minute timings and a final for credit in the class. Students must pass this class before going on to higher levels of typing. This is the third course in a series of three modules to improve student typing skills, acquire a basic beginning level of keyboarding, and basic document formatting. Not open to students with credit in OA 15A, 15B, 15C or three or more units in OA 150. (L)

OA 15B Intermediate Keyboarding 3 3 units
36 lecture hours, 54 lab hours

Prerequisite: OA 15A-1 or ability to key at 300 WPM words a minute. (L)

Transferable to CSU

Refinement of basic keyboarding and document formatting skills to more advanced speed and accuracy levels. Not open for credit to students with credit in OA 15B, OA 15A, 15C or one or more units of OA 150. (L)

OA 15B1 Intermediate Keyboarding 1 1 unit
12 lecture hours, 18 lab hours

Prerequisite: OA 15A3

Transferable to CSU

Refinement of keyboarding skills using an alphanumeric keyboard and learn intermediate level formatting skills. Students must be able to pass two 5-minute timings and a final for credit in the class. Students must pass this class before going on to higher levels of typing. This is the first course in a series of three modules to refine basic keyboarding skills and complete additional levels of document formatting to intermediate competency. Not open to students with credit in OA 15A, 15B, 15C or two or more units in OA 150. (L)

OA 15B2 Intermediate Keyboarding 2 1 unit
12 lecture hours, 18 lab hours

Prerequisite: OA 15B1

Transferable to CSU

Further refinement of keyboarding skills using an alphanumeric keyboard and enhance advanced formatting skills. Students must be able to pass two 5-minute timings and a final for credit in the class. Students must pass this class before going on to higher levels of typing. This is the second course in a series of three modules to refine basic keyboarding skills and complete additional levels of document formatting to intermediate competency. Not open to students with credit in OA 15A, 15B, 15C or one or more units of OA 150. (L)

OA 15B3 Intermediate Keyboarding 3 1 unit
12 lecture hours, 18 lab hours

Prerequisite: OA 15B2

Transferable to CSU

Mastery of keyboarding skills using an alphanumeric keyboard while gaining proficiency in the use of advanced formatting skills. Students must be able to pass the two 5-minute timings and a final for credit in the class. Students must pass this class before going on to higher levels of typing. This is the third course in a series of three modules to refine basic keyboarding skills and complete additional levels of document formatting to intermediate competency. Not open to students with credit in OA 15A, 15B, 15C or six or more units in OA 150. (L)

OA 15C Advanced Keyboarding 3 units
36 lecture hours, 54 lab hours

Prerequisite: OA 15B or minimum keyboarding speed of 40 NET words a minute. (L)

Transferable to CSU

Keyboarding skill development to the advanced professional level of document formatting to the advanced level of competency. (L)

OA 15D Typewriting Skill Development 1 unit
12 lecture hours, 18 lab hours (1 unit)

24 lecture hours, 36 lab hours (2 units)

36 lecture hours, 54 lab hours (3 units)

Transferable to CSU

Typewriting skill development to the advanced professional level of competency. Instruction will be on IBM or compatible computer. Open entry, open exit. (L)

OA 17A Word Processing I 3 units
36 lecture hours, 54 lab hours

Other: Keyboarding speed of 20 words a minute or faster is recommended. (L)

Transferable to CSU

Introduction to basic word processing operations such as document formatting, editing, saving and retrieving, printing, creating tables and charts; inserting images, shapes, and WordArt. (L)

OA 17B Word Processing II 3 units
36 lecture hours, 54 lab hours

Prerequisite: OA 17A

Transferable to CSU

Advanced word processing operations involving long and multiple-part documents, mail merge, forms, styles and themes, and word group features. (L)

OA 21 Business Communications 3 units
54 lecture hours

Prerequisite: OA 52 or GNBUS 52

Other: Word Processing and Keyboarding Skill

Transferable to CSU

Application of principles of ethical and effective communication to the creation of letters, memos, e-mails, and written and oral reports for a variety of business situations. Development and refinement of written and oral business communication skills including planning, organizing, composing, and revising business documents using word processing software for written and oral documents and presentation software to create and deliver professional oral reports. This course is designed for students who already have college-level writing skills. Not open for credit to students with credit in GNBUS 21. (L)

OA 22 Machine Calculation 1.5 units
18 lecture hours, 27 lab hours

Transferable to CSU

Skill development in the operation of the electronic display and printing calculators. Functions include: addition, subtraction, multiplication, division, memory, percentage, and interest calculations to solve typical business problems. Speed and accuracy by touch method emphasized. (L)

OA 51 Typewriting Skill Development 1 unit
12 lecture hours, 18 lab hours

Develop basic keyboarding skills necessary for efficient data entry through a traditional alphanumeric keyboard. Designed for non-secretarial, non-clerical students: Instruction will be on the personal computer. Not open to students with credit in OA 15B, 15C, or 55. Grades are FINP. (L)

OA 52 Business English 3 units
54 lecture hours

A review of English grammar with applications for written and oral business communications. Not open for credit to students with credit in GNBUS 52. (L)

OA 53 Business English 3 units
9 lecture hours, 27 lab hours

Introduction to the methods in coding and filing business correspondence for manual storage and retrieval. Filing systems covered include alphabetical, serial numeric, terminal digit numeric, subject, and geographic. (L)

OA 54A Beginning Medical Terminology 2 units
18 lecture hours, 54 lab hours

Familiarization with medical terminology from programmed text outlining word structure, definitions, and usage. Primarily for those who are preparing for a career in health care, business, or any emphasis on clerical support staff. Not open for credit to students with credit in SEC 54F or 54A. (L)

2015-2016 Catalog

(LMC) - College level language, math and/or computer skills advised.
OA 54B Advanced Medical Terminology 2 units 18 lecture hours, 54 lab hours Prerequisite: OA 54A. Continuation of OA 54A with further development and refinement of medical terminology skills; primarily intended for those who are preparing for a career in healthcare and business with an emphasis on clerical support and transcription. (L,M,C)

OA 55 Medical Word Processing 3 units 36 lecture hours, 54 lab hours Prerequisite: OA 54B or GNBUS 52. Medical document editing utilizing partial speech recognition documentation/voice processing and transcription from physician dictation. Course work will encompass general medical/surgical and specialties such as OB-GYN, pediatrics, orthopedics, and cardiovascular medicine. (L,C)

OA 59 General Transcription 2 units 18 lecture hours, 54 lab hours Method and practice in editing and transcribing dictated business correspondence, including machine units and computer-based word processing software. Material simulates correspondence in the business世上. (L)

OA 60 General Office Procedures 3 units 54 lecture hours Prerequisite: OA 15A. Skills and procedures necessary in a automated office. Office information systems technology and procedures; telecommunications; information processing; mail and phone systems; time management; public relations and human relations skills; and ethics. Not open for credit to students with credit in OA 60L. (L)

OA 60L General Office Procedures 4 units 63 lecture hours, 27 lab hours Prerequisite: OA 15A. Skills and procedures necessary in an automated office. Office information systems technology and procedures; telecommunications; interpersonal communications; information processing; mail and phone systems; time management; public relations ethics, and human relations skills. Not open for credit to students with credit in OA 60L. (L)

OA 61 Advanced Office Procedures 3 units 54 hours lecture hours 27 lab hours Prerequisite: OA 54A. Develop and apply advanced level of principles, knowledge, and skills necessary for the proper operation of the modern high-tech fast-paced office. Emphasis is placed on higher level administrative assistant skills such as analysis, evaluation, decision making, and supervision principles. Not open for credit to students with credit in OA 61L. (L)

OA 61L Advanced Office Procedures 4 units 63 lecture hours, 27 lab hours Develop and apply advanced level of principles, knowledge, and skills necessary for the proper operation of the modern high-tech fast-paced office. Emphasis is placed on higher level administrative assistant skills such as analysis, evaluation, decision making, and supervision skills. Not open for credit to students with credit in OA 61. (L,M,C)

OA 63 Legal Office Procedures 3 units 36 lecture hours, 54 lab hours Prerequisite: OA 15A or OA 17A are recommended. This class explores the legal office environment, current legal office procedures and preparation of legal documents using up-to-date technology. (L,M,C)

OA 65 Medical Office Procedures 3 units 36 lecture hours, 54 lab hours Prerequisite: OA 15A or OA 15A or OA 17A. Students will learn the role of a front office administrative assistant by mastering medical office duties and becoming proficient in the creation and maintenance of medical records. (L,M,C)

Real Estate

RE 30 Real Estate Principles 3 units 54 lecture hours Transferable to CSU. Introduction to real estate principles for the prospective broker, salesperson, informed participant, or observer. Required course for California Real Estate Exam. (L,M)

RE 91 California Real Estate Practices 3 units 54 lecture hours Prerequisite: RE 30. The actual practice of real estate by putting what is learned in principles and practice to use. Covers laws and regulations affecting dynamic and ever-changing subjects such as: capital gains treatment of taxes, loan brokerage fees, interest rates, government participation loans, recovery fund amounts, agency relationships, Easton liabilities and other real estate law. Required course for Real Estate Broker License Examination and Real Estate Appraiser License Examination. (L,M)

RE 92 Real Estate Appraisal 3 units 54 lecture hours Fundamentals of Real Estate Appraisal stressing the residential market. Emphasis will be given to the forces which create and influence market value of real estate. Required course for Real Estate Broker License Examination. (L)

RE 93 California Real Estate Finance 3 units 54 lecture hours Prerequisite: RE 30. This course will cover a thorough discussion of the development of financing mechanisms through the ages, covering the understanding of the secondary money market and an emphasis on currently widely used methods of finance in California. Required course for California Real Estate Agent Exam. (L,M)

CHEMISTRY

(Associate in Science)

CHEM 1A General Chemistry 5 units 54 lecture hours, 54 lab hours Prerequisite: CHEM 1A and CHEM 2A Transferred to CSU/CUC - UC Unit Limit Introduction to fundamental concepts of organic and biochemistry. Topics of instruction include (1) structure, nomenclature, and reactions of some organic compounds and drugs, (2) stereochemistry, (3) structure and metabolism of carbohydrates, lipids, proteins, enzyme activity and inhibition, nucleic acids and DNA, and (4) bioenergetics. Completion of this course along with CHEM 2A is designed to satisfy the requirements of those allied-health career programs which require two semesters of chemistry. (L,M)

CHEM 1B General Chemistry 5 units 54 lecture hours, 54 lab hours Prerequisite: CHEM 1A and CHEM 2A Transferred to CSU/CUC - UC Unit Limit Introduction to fundamental concepts of organic chemistry. (L,M)

CHEM 15A Organic Chemistry for Health & Life Sciences 4 units 54 lecture hours, 54 lab hours Prerequisite: CHEM 1A and CHEM 2A. Not open for credit to students with credit in CHEM 15AB. (L,M,C)

CHEM 15B Organic Chemistry for Health & Life Sciences 4 units 54 lecture hours, 54 lab hours Prerequisite: CHEM 1A and CHEM 2A. Recommended for students planning professional school studies in health and life sciences. (L,M)

CHEM 16 Introduction to Chemistry 4 units 54 lecture hours, 54 lab hours Prerequisite: CHEM 1A or CHEM 2A. Transferable to CSU/CUC - UC Unit Limit Introduction to fundamental concepts of organic chemistry. Structure and bonding, nomenclature, chemical equations and reactions, stoichiometry, acids, bases, and chemical equilibrium, redox, gases, solutions, and nuclear chemistry. Not intended for students who will enroll in subsequent chemistry coursework. (L,M)

CHEM 18A Organic Chemistry for Health 4 units 54 lecture hours, 54 lab hours Prerequisite: CHEM 18A with a grade of “C” or better Transferable to CSU/CUC. 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 preparations and reactions of aromatics and non-aromatic hydrocarbons, halogenides, alcohols and ethers. Reactions include SN1, SN2, E1 and E2. (M)

CHEM 18B Organic Chemistry for Health 4 units 54 lecture hours, 54 lab hours Prerequisite: CHEM 18A with a grade of “C” or better Transferable to CSU/CUC. The second semester of a one-year course in organic chemistry designed for students planning professional school studies in health and life sciences. Emphasis on the preparation, reactions and identification of organometallic compounds, and various classes of naturally occurring, biologically important compounds. (M)

COMMUNICATIONS (see Speech)
COMPUTER SCIENCE

Required Courses

COMSC 9A C++ Programming ............................................ 3 units
COMSC 9B Data Structures .............................................. 3 units
COMSC 10L Computer Literacy .......................................... 3 units
COMSC 11 Advanced C++ Programming .................................. 3 units
COMSC 43A Unix System Management .................................. 3 units

Total units required for degree major ........................................... 18 units

Additional Recommended Courses:

MATH 1A Calculus ....... 5 units
MATH 1B Calculus .......... 4 units
MATH 25 Finite Math ....................................... 4 units
STAT 1 Introduction to Statistical Methods .................................. 4 units

COMPUTER SCIENCE (Certificate of Achievement)

Required Courses

COMSC 9A C++ Programming ............................................ 3 units
COMSC 2 Computer Assembly Language .................................... 4 units
COMSC 6 BASIC Programming ........................................... 3 units
COMSC 7 Intro. to Visual Basic Programming ................................. 3 units
COMSC 10L Computer Literacy .......................................... 3 units
COMSC 11 Advanced C++ Programming .................................. 3 units
COMSC 12 JAVA Programming ........................................... 3 units
COMSC 43A Unix System Management .................................. 3 units

Total units required for degree major ........................................... 18 units

COMSC 2 Computer Assembly Language 4 units

72 lecture hours

Transferable to CSU/UC

C-ID COMP 142

Basic operating principles and structure of digital computers, including addressing modes, stack manipulation, interrupt processing, fixed and floating point formats, subroutines, features of assemblers, directives, symbol tables, and macros. Programs are written using typical operating systems and machine language to test microprocessors. Not open for credit to students with credit in ELEC 25. (L,M)

COMSC 5 Introduction to UNIX Operating System 3 units

42 lecture hours, 36 lab hours

Prerequisite: COMSC 9A

Transferable to CSU

Comprehensive introduction to the UNIX operating system. Topics include system programming and management covering file protection, directory control, and x1. Creation of make files and source code control concepts. Use of operating system calls and dynamic memory allocation. System libraries, relocation, and linking concepts including handling of symbol tables. I/O redirection, network utilities, managing processes, pipes, regular expressions, and shell programming. (L,M)

COMSC 6 Basic Language Programming 3 units

54 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 3 units

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, user procedures, custom controls, graphics, data access, report creation, and debugging methods. (L,M)

COMSC 8 Digital Logic Fundamentals 4 units

72 lecture hours, 36 lab hours

Prerequisite: COMSC 9A, MATH 52

Transferable to CSU/UC


COMSC 9A C++ Programming 4 units

60 lecture hours, 36 lab hours

Transferable to CSU/UC

C-ID COMP 123

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

60 lecture hours, 25 lab hours

Prerequisite: COMSC 9A with a “C” or better grade.

Transferable to CSU/UC

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)

COMSC 10L Computer Literacy 3 units

36 lecture hours, 54 lab hours

Transferable to CSU/UC

Introduction to the computer and its applications. A survey of the history of computers, hardware, software, social aspects, and problem-solving techniques. Hands-on microcomputer object oriented programming will be examined. (L)

COMSC 11 Advanced C++ Programming 3 units

54 lecture hours

Prerequisite: COMSC 9A

Transferable to CSU/UC

Topics in object-oriented programming using the C++ programming language, including C++ programming techniques, streaming input/output, dynamic memory allocation, classes and data abstraction, operator overloading, inheritance, and polymorphism. (L,M)

COMSC 12 Java Programming 3 units

54 lecture hours

Transferable to CSU/UC

C-ID COMP 122

Introduction to Java Programming. Intended for those with prior experience or course work in at least one formal programming language, preferably C or C++. Topics include: Java and HTML, Applet user interfaces, graphics and multimedia, objects, classes and methods, input and output and output streaming, networking, threads, packages, the Java AWT, and APL. (L,M)

COMSC 20 Beginning Web Publishing 3 units

54 lecture hours

Transferable to CSU

Fundamentals of web publishing using HTML, covering design, writing, and maintenance of web pages. Emphasis on real-life informational and interactive presentation to include testing, revising, and maintenance of web presentations on the World Wide Web.

C-ID COMP 123

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)

Programs and Courses

Computer Science

Programs and Courses

Cooperative Work Experience Education

CWE 44A 1st Semester General Work Experience 1-6 units

50-500 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/46B). Grades are PNP/N. (L,M)

CWE 44B 2nd Semester General Work Experience 1-6 units

50-500 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/46B). Grades are PNP/N. (L,M)
Programs and Courses

COSMETOLOGY

Yuba College, in cooperation with Sutter Beauty College in Yuba City offers an associate degree in Cosmetology. The academic requirements for the degree are completed at Yuba College, and the vocational-professional requirements at the beauty college.

All beauty colleges are licensed and governed, under the State of California Cosmetology Act, by the Department of Professional and Vocational Standards. and provide a complete course of 1600 hours of training. Yuba College awards forty units of credit for this 1600 hours of vocational training. Upon successful completion of additional academic course work satisfying General Education graduation requirements, students receive the associate degree. The academic course work may be taken before, during, or after completion of the vocational training. Students must be at least 17 years of age and have completed the 10th grade level or equivalent to be able to take the California State Board of Cosmetology Examinations.

The vocational course work will include theory, modeling, reception or desk work, laboratory, wet hairdressing, shampoo and comb-out, hair cutting and shaping, permanent waving, hair coloring and bleaching, scalp and hair treatment, facials, makeup and arching, manicuring, and miscellaneous studies. Academic work at Yuba College will be in courses as selected by the student and counselor, to meet the requirements for the associate degree as listed elsewhere in this Catalog.

The Cosmetology program is in operation throughout the academic year, including the summer months. In addition, a 400-hour Manicuring program is offered.

COSMETOLOGY (Certificate in Science)

Students may earn a Certificate of Achievement upon successful completion of 1600 hours of vocational training in Cosmetology. Required Courses

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Programs and Courses

COSMT 60  Manicuring  5 units
38 lecture hours, 162 lab hours
Prerequisite: Completion of 10th grade and a minimum age of 16 years.
Preparation for the Board of Cosmetology Manicurist Examination; includes theory, manicure, pedicure, artificial nails/tips/ wraps, sanitation, and bacteriology; training and experience as a receptionist is provided. Program completion requires 400 hours of attendance. Grades are P/NP.

COSMT 220  Instructor Training Course 5 units
36 lecture hours, 164 lab hours
Prerequisite: Valid CA Cosmetology License
Training for individuals who intend to seek employment as cosmetology instructors; meets requirements of the California Bureau of Barbering and Cosmetology. Open-entry, open-exit. Requires 600 hours of total instruction. (M)

COSMT 221  Cosmetology Instructor II 5 units
36 lecture hours, 164 lab hours
Prerequisite: COSMT 220
Preparatory training in teaching methods related to the cosmetology field. Instruction on lectures, demonstrations, group discussions, peer coaching, role-playing, and learning methods.

COSMT 222  Cosmetology Instructor III 5 units
36 lecture hours, 164 lab hours
Prerequisite: COSMT 221
Preparatory training in the use of different grading techniques. Instruction on academic advising of students along with evaluation techniques. Introduction to record keeping requirements of a school/student salon, effective operation of a reception desk and dispensary.

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. Introduce the use of student and campus services. Develop a thorough understanding of program requirements and the knowledge necessary for sound educational planning. (L)

COUNS 15A  Orientation to College .5 unit
9 lecture hours
Transferable to CSU
Intended for students wishing to attend Cal State San Marcos who are not planning to complete all required courses at San Diego City College.

COUNS 15B  Orientation to College .5 unit
9 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. Introduce the use of student and campus services. Develop a thorough understanding of program requirements and the knowledge necessary for sound educational planning. (L)

COUNS 22  Peer Advising Seminar 1 unit
18 lecture hours (1 unit)
36 lecture hours (2 units)
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 typical life span, 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; emphasis on understanding the public and private university systems in California. (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)

COUNS 41A  Problem Management .5 unit
9 lecture hours
Transferable to CSU
An introduction to problem solving techniques which are applicable to personal and/or work related concerns. Grades are P/NP. (L)

COUNS 41B  Problem Management .5 unit
9 lecture hours
Transferable to CSU
Additional problem solving approaches with practice of the techniques; especially focusing upon goal setting, prioritizing chosen values and decreasing procrastination. Grades are P/NP. (L)

COUNS 42  Confidence Building 1 unit
18 lecture hours
Transferable to CSU
Techniques for enhancing self-confidence. Identification and analysis of methods which heighten self-image and reduce self-defeating behavior. Grades are P/NP. (L)

COUNS 44  Assertive Communication 1 unit
18 lecture hours
Transferable to CSU
A study of the theory and practice in assertive communication skills for personal, academic, and business settings. Topics include assertive values; disengagement, conversations, requests, saying no, dealing with criticism, anger, manipulation, and negotiation. Not open for credit to students with credit in COUNS 44A and 44B.

COUNS 44A  Assertive Communication .5 unit
9 lecture hours
Transferable to CSU
An introduction to the theory of assertive communication skills in both personal and business settings including assertive values, disengagement, overcoming criticism, and legal matters. Not open for credit to students with credit in COUNS 44. Grades are P/NP. (L)

COUNS 44B  Assertive Communication .5 unit
9 lecture hours
Transferable to CSU
A study of advanced theory and practice of assertive communication skills in both personal and business settings, including dealing with criticism, anger, manipulation, negotiation, and confrontation. Not open for credit to students with credit in COUNS 44. Grades are P/NP. (L)

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 an appointment within one week after adding class. Grades are P/NP. (L)

COUNS 46  Development of Self-Esteem 1 unit
18 lecture hours
Transferable to CSU
Exploration of the development of self-esteem in children and adults. Designed to assist student in personal self-esteem enhancement and methods of facilitating the development of self-esteem in others. 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 55  Effective Parenting 1 unit
Transferable to CSU
Development of effective parent-child relationships. Topics include behavior, emotions, encouragement, and communication. Not open for credit to students with credit in ECE 56. Grades are P/NP. (L)

110  (LM,C) - College level language, math and/or computer skills advised.
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Course “97” or “197” or “297”

Experimental Topics, OR 97 OR 197 OR 297

v-5 units

Transferable to CSU

Exploration of selected topics in a subject area. Procedures for implementing the course involve cooperative planning by instructor, Dean, and Vice President of Instruction. Course “97” is not intended for students but is of the associate degree level. Course “197” are non-associate degree credit basic skills remedial courses intended to prepare students to succeed in courses at the associate degree level. Course “297” are non-associate degree credit courses that are either vocational courses intended to prepare students for postsecondary vocational education or for occupations not requiring associate degree level skills for entry; or academic development courses, other than remedial basic skills, intended to prepare students to succeed in associate degree level coursework. On the transcript, the course will be shown with a regular department prefix, viz Art 97, followed by a title.

Course “99”

Special Project, 99

1 unit

When special circumstances warrant offering a special course to the individual student in a particular area, an instructor, with approval, may register a student in an individual Special Projects course which will be identified by the name of the department, the course number of “99”, and the title “Special Projects.” Registration in the course involves signing a contract under which the student and instructor agree upon the accomplishment which must be demonstrated by the student in order to receive credit, and which is approved by the cognizant Dean.

Culinary Arts

Culinary Arts (Associate in Science)

Required Courses

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<tr>
<th>Course</th>
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</tr>
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<tbody>
<tr>
<td>CUL 2 Introductory Purchasing for Food Service and Hospitality</td>
<td>1</td>
</tr>
<tr>
<td>CUL 3A Basic Food Preparation (take twice)</td>
<td>.6</td>
</tr>
<tr>
<td>CUL 3B Professional Baking</td>
<td>.3</td>
</tr>
<tr>
<td>CUL 54 Sanitation, Safety, and Storage</td>
<td>.5</td>
</tr>
<tr>
<td>CUL 59 Restaurant Operations (take twice)</td>
<td>.8</td>
</tr>
<tr>
<td>CUL 60 Advanced Foods and Catering</td>
<td>.2</td>
</tr>
<tr>
<td>CUL 64 Beverage Control and Operations</td>
<td>.2</td>
</tr>
<tr>
<td>CUL 65 Food Service Operation and Management</td>
<td>.2</td>
</tr>
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</table>

Total units required for degree major: 18.5 units.

Culinary Arts (Certificate of Achievement)

Required Courses

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<td>.2</td>
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</tbody>
</table>

Total units required: 11.5 units.

CUL 2 Introductory Purchasing for Food Service

1 unit

18 lecture hours

Transferable to CSU

Supervisory control procedures, food and labor costs, receiving, inventory, storeroom, employee use, and maintenance of accurate records for food service and hospitality professionals.

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 entree preparation, use and operation of food service machines and equipment. (L)

CUL 3B Advanced Food Preparation

3 units

18 lecture hours, 108 lab hours

Preerequisite: CUL 3A

Transferable to CSU

Advanced modern restaurant cooking methods, such as maitre d’; 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 basic baking techniques that include bread making, modern basic desserts, and pastries techniques. Preparation takes place in the student-operated restaurant kitchen. (L,M)

CUL 4B Advanced Baking

3 units

18 lecture hours, 108 lab hours

Preerequisite: 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 units

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 (C a m p b i l l B i l l) requirement for Certified Food Handler. (L)

CUL 59 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

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

18 lecture hours, 162 lab hours

Prequisite: CUL 59A

Set-up and management of the campus restaurant including scheduling, marketing, inventory menu planning 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)
Director of Private Day Care Center/Preschool Options

Required Courses

- ECE 3 Health, Safety, and Nutrition
- ECE 27 Teaching in a Diverse Society
- ECE 46 Field Experience

Total units required for degree major: 30

CHILD DEVELOPMENT TEACHER (Certificate of Achievement)

These programs are required to possess the California Child Development Teacher Permit issued by Commission on Teacher Credentialing. After completing required coursework of 40 total units and 175 days of experience, apply for the permit at local county schools office.

Required Courses

- ECE 1A Principles and Practices of Teaching Young Children
- ECE 1B Preschool Teaching Practices
- 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 46 Field Experience

PLUS GENERAL EDUCATION ELECTIVES, 16 diversified units with at least one course in each of the following General Education (graduation requirement) areas: Humanities, Social Science, Mathematics or Natural Science, and English 1A.

Total units required: 40

Note on Permit through Credentialing: After completing required coursework of 40 total units (24 ECE and 16 GE) and 175 days of 3 or more hours per day of experience, you may apply for the California Child Development (Teacher) Permit issued by Commission on Teacher Credentialing through your local County Office of Education. Please see the Child Development Permit Matrix for required course work.

ECE Specialization Certificate of Achievement: These individual Certificates of Achievement can be used as ECE Specializations when combined with the Child Development Certificate of Achievement and ECE 37 (The Mentor Teacher) when applying for the Child Development Master 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.

CHILD DEVELOPMENT ASSOCIATE TEACHER (Certificate of Training)

Required Courses

- ECE 1A Principles and Practices of Teaching Young Children
- ECE 1B Intro to Curriculum
- ECE 3 Child Growth and Development
- ECE 31 Child, Family, and Community
- ECE 46 Field Experience

Total units required: 12

DIVERSITY SPECIALIZATION (Certificate of Achievement)

Required Courses

- ECE 1A Principles and Practices of Teaching Young Children
- ECE 1B Preschool Teaching Practices
- ECE 3 Child Growth and Development
- ECE 7B World Wide Arts for Children
- ECE 10 Health, Safety, and Nutrition
- ECE 11 Observation and Assessment
- ECE 17 The Exceptional Child
- ECE 27 Teaching in a Diverse Society
- ECE 31 Child, Family, and Community
- ECE 46 Field Experience

Total units required: 30

INFANT AND TODDLER (Certificate of Achievement)

Required Courses

- ECE 1A Principles and Practices of Teaching Young Children
- ECE 1B Preschool Teaching Practices
- 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 18 Interventions and Toddlers
- ECE 46A Field Experience (Infant/Toddler)

Total units required: 27

PEDDANIC FIRST AID/CPR (Certificate of Training)

Required Courses

- ECE 210 California Child Care Health Safety Course

School Age Specialization (Certificate of Achievement)

- ECE 1A Principles and Practices of Teaching Young Children
- ECE 1B Preschool Teaching Practices
- ECE 3 Child Growth and Development
- ECE 7A Creative Materials
- ECE 10 Health, Safety, and Nutrition
- ECE 11 Observation and Assessment
- ECE 14 The School Age Child
- ECE 27 Teaching in a Diverse Society
- ECE 31 Child, Family, and Community
- ECE 46 Field Experience (School-Age Children)

Total units required: 30
Programs and Courses

ECE 6A Administration of Children’s Center 3 units
Transferrable to CSU

Prerequisite: ECE 2A

Programs and Courses

ECE 6B Administration of Children’s Center 3 units
Transferrable to CSU

Prerequisite: ECE 2A

This course examines administrative skills, knowledge, and techniques needed for effective supervision to organize, 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 while focusing on training budget, personnel policies, procedures, regulatory laws, working with families and professionals, and legal and ethical issues.

ECE 3 Child Growth and Development 3 units
Transferrable to CSU/UC

This course examines the major physical, psychosocial, and cognitive/linguistic/developmental mileston of children, both typical and atypical, from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, evaluate 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.

ECE 5 Physical Activities for Young Children 1 unit

18 lecture hours

Transferrable to CSU

Designed to give adults working with preschool and school-age children a variety of hands on activities useful in creating stimulating outdoor 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 students with credit in PE 5.

ECE 6 Early Childhood Language Development 3 units
Transferrable 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

Transferrable to CSU

Creative activities for young children (2-8 years old) including the planning and implementation of painting, drawing, printmaking, weaving, stitching, batik, collage, sculpture, puppet-making, and modeling materials. Not open for credit to student with credit in ART 7 or ART 7A.

ECE 7B World Wide Arts for Children 3 units
45 lecture hours, 27 lab hours

Transferrable to CSU

Multicultural/ethnic art activities for young children, including planning and integrating projects across the curriculum. Construction of age-appropriate art objects representative of cultures and regions in West Africa, the Middle East, Europe, Asia, Mexico, Central America, South America, Caribbean islands, the United States, and Canada. Not open for credit to student with credit in ART 23 or ART 7B.

ECE 8 Children’s Nutrition 1 unit 18 lecture hours Transferrable to CSU

Basic concepts of nutrition and health issues with emphasis on nutritional needs of young children and planning and implementing good nutrition programs for young children birth through eight years-old.

ECE 9 Children’s Cooking Activities 1 unit 18 lecture hours Transferrable to CSU

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 and how to prepare nutritious snacks and simple meals. Grades are P/NP.

ECE 10 Health, Safety, and Nutrition 3 units 54 lecture hours Transferrable to CSU

C-ID ECE 220

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 along with the importance of collaboration with families and colleagues. Focus on integrating the concepts into everyday planning and program development.

ECE 11 Observation and Assessment 3 units 54 lecture hours Transferrable to CSU

C-ID ECE 200

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 promoting children’s success. Recording strategies, rating systems, portfolios, and multiple assessment tools are explored. Child observations will be conducted and analyzed.

ECE 12 Science for Young Children 1 unit 18 lecture hours Transferrable 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 construct knowledge. Classroom organization and management, ready-to-use materials, and connections with other curriculum areas are also included.

ECE 13 Plagiarism’s Learning Theory 1 unit

Applications

18 lecture hours

Transferrable to CSU

Overview of Plagiar’s theory of cognitive development and practice in relating theory to the development of games and activities for the preschool and primary classroom. Grades are P/NP.

ECE 14 The School Age Child 3 units 54 lecture hours Transferrable 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.

ECE 15 The Exceptional Child 3 units 54 lecture hours Transferrable 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.

ECE 16 Preschool Music Activities 3 units 54 lecture hours Transferrable 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.

ECE 17 The Exceptional Child 1 unit 3 units 54 lecture hours Transferrable to CSU

Focuses on identification of children with special needs, resources, referral, full inclusion, appropriate activities, and teaching 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 are topics for individual and group study.

ECE 21 Developing Number Concepts 1 unit 18 lecture hours Transferrable to CSU

This course focuses on ways adults can help make mathematical concepts meaningful to preschool and kindergarten children rather than emphasizing counting and number recognition. Students will explore and construct various games and activities for the early childhood classroom and home. Grade is P/NP (LM)

ECE 22 Developing Number Concepts 1 unit 18 lecture hours Transferrable to CSU

This course focuses on ways adults can help make mathematical concepts meaningful to preschool and kindergarten children rather than emphasizing counting and number recognition. Students will explore and construct various games and activities for the early childhood classroom and home. Grade is P/NP (LM)

ECE 25 Group Experiences in Outdoor Environment 3 units

54 lecture hours

Transferrable to CSU

Developing creative outdoor learning environments including playgrounds, activities and cooperative games. Circle time or daily planned group experiences will also be explored and developed through integrated, thematic instruction.

ECE 27 Teaching In A Diverse Society 3 units

54 lecture hours

Transferrable to CSU

C-ID ECE 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 anti-bias approaches supporting all children in becoming competent members of a diverse society. Course includes self-examination and reflection on issues related to social justice, stereotypes and bias, social and education access, media and schooling.

ECE 31 Child, Family, and Community 3 units

54 lecture hours

Transferrable to CSU/UC

C-ID CDEV 110

An examination of the development of child in a societal context focusing on the interrelationship of family, school and community and emphasizes historical and sociocultural 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 21.

ECE 32 Parenting 3 units

54 lecture hours

Transferrable to CSU

Techniques and advise encouraging a positive parenting style and effective child-rearing procedures, interaction patterns and levels of communication between family members and care givers.

ECE 33 Infants and Toddlers 3 units

54 lecture hours

Transferrable to CSU

Introduction to infants and toddlers birth to three years old, including growth and development through an understanding of biology and environment. Emphasis will be placed on the appreciation of the interrelatedness of theory, research, and application and consists of infant and toddler care and teaching strategies, including developing and managing infant and toddler care situations, multicultural approaches to care, and infant-toddler with special needs.

(LMC) - College level language, math and/or computer skills advised.

2015-2016 Catalog
ECE 35 Parents as Partners in ECE 3 units
Transferrable to CSU/UC
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
36 lecture hours
Transferrable to CSU
Methods and principles of supervising student teachers in the 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
54 lecture hours
Transferrable to CSU
An introduction to children's literature: history, elements, and types of books of interest to children from birth through eight years old. Students will read, share, and plan activities around classical, cultural, and award-winning books. Methods of selecting and evaluating books will be applied. Not open for credit to student with credit in ENGL 39. (L.)

ECE 40 High Scope Key Developmental Indicators 1 unit
18 lecture hours
Transferrable to CSU
Introduces the major theories of social, emotional, and moral development with particular emphasis placed on the implications of the utilization of a developmental approach to child guidance and discipline in the preschool setting. Grades are P/NP. (L.)

ECE 44 Practicum - Field Experience - School Age Children 3 units
18 lecture hours, 108 lab hours
Prerequisites: ECE 3 and ECE 1A and ECE 1B and ECE 14 and ECE 31
Transferable to CSU
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, and develop professional behaviors and 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 school age children. (L.)

ECE 46 Practicum - Field Experience - Preschool Children 3 units
18 lecture hours, 108 lab hours
Prerequisites: ECE 1A and ECE 3 and ECE 1B and ECE 31
Transferable to CSU
C-ID: ECE 210
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, and develop professional behaviors and 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 48C Practicum - Field Experience - Children with Special Needs 3 units
18 lecture hours, 108 lab hours
Prerequisites: ECE 3 and ECE 1A and ECE 1B and ECE 17 and ECE 31
Transferable to CSU
C-ID: ECE 210
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, and develop professional behaviors and 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 49 Child Abuse: Causes, Effects, Remedies 1 unit
9 lecture hours
Prerequisites: ECE 1A and ECE 1B and ECE 14 and ECE 31
Transferable to CSU/UC
An introduction to the psychological and physical factors associated with child abuse and its consequences. (L.)

ECE 50 Elementary Economics -Micro 3 units
54 lecture hours
Prerequisites: MATH 50
Transferable to CSU/UC
An introduction to microeconomic concepts and principles of economic analysis. Topics include: foundations of economic life, national income and employment, financial systems, business cycles, money and banking, monetary and fiscal policy, economic growth and stability, public finance, international trade and the position of the U.S. within the context of the global economy, World Trade Organization policies, International Monetary Fund, World Bank structure, and global agricultural subsidies. (L.)

ECE 51 Special Topics in ECE v.5 to 2.5 units
9-45 lecture hours
Prerequisites: ECE 1A and ECE 1B and ECE 3 and ECE 31 and ECE 33
Transferable to CSU
C-ID: ECE 210
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, and develop professional behaviors and 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 54A Practicum - Field Experience - Infant/Toddler 3 units
18 lecture hours, 108 lab hours
Prerequisites: ECE 1A and ECE 1B and ECE 3 and ECE 31 and ECE 33
Transferable to CSU
C-ID: ECE 210
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, and develop professional behaviors and 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 Infants and Toddlers. (L.)

ECE 55 Effective Parenting 1 unit
18 lecture hours
Transferable to CSU/UC
Development of effective parent-child relationships. Topics include behavior, emotions, encouragement, and communication. Not open for credit to student with credit in COUNS 50. Grades are P/NP. (L.)

ECE 59 Environment-Concepts and Issues 3 units
54 lecture hours
Transferable to CSU/UC
An introduction to the biological and physical components of the environment, especially as seen in local organisms and ecosystems. (L.)

ECON 1A Elementary Economics -Macro 3 units
54 lecture hours
Prerequisites: MATH 50
Transferable to CSU/UC
An introduction to macroeconomic concepts and principles of economic analysis. Topics include: foundations of economic life, national income and employment, financial systems, business cycles, money and banking, monetary and fiscal policy, economic growth and stability, public finance, international trade and the position of the U.S. within the context of the global economy, World Trade Organization policies, International Monetary Fund, World Bank structure, and global agricultural subsidies. (L.)
Programs and Courses

Electronics Technology

ELECT 25  Computer Assembly Language 4 units
54 lecture hours, 54 lab hours
Transferable to CSU/UC
Basic operating principles and structure of digital computers including addressing mode, stack manipulation, interrupt processing, fixed and floating point formats, subroutines, features of assemblers, directives, symbol tables, macros, programs are written using typical operating systems and machine language for typical modern processors. Not open for credit to students with credit in COMSIC 2. (L,M)

EMT 20  Tutoring Seminar 1 unit
18 lecture hours
Transferable to CSU
Tutor training involving the role and function of tutoring, the philosophy that each tutoring session should progress, the behaviors of tutors and tutees during tutoring activities and the principal strategies by which the business of teaching and learning is handed to tutors. (L)

EDUC 21  Advanced Tutoring Seminar 1 unit
18 lecture hours
Prerequisite: EMT 20 with a grade of ‘B’ or better
Transferable to CSU
This course builds on skills acquired in EMT 20. Application and analysis of techniques that enable tutors to communicate underlying thought processes of a task and to allow their tutees to develop and understand the processes of course materials. Tutors will monitor the success rates of their tutees and compare those rates with actual class averages of the corresponding classes. (L,M)

EDUC 52  Teacher Aides in the School System 3 units
54 lecture hours
Study of personal qualifications of the teacher aide; child behavior and discipline; proficiency examination standards for vocational preparation of aides in the classroom. (L)

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) 7 units
EMT 61  Emergency Medical Technician -I 4.5 units
EMT 62  Emergency Medical Technician -II 2.5 units
108 lecture hours, 54 lab hours
Prerequisite: Current CPR certification.
The EMT program is a comprehensive curriculum that provides knowledge and critical thinking skills necessary to provide Emergency Medical Care in a pre-hospital environment. Academic rigor encompasses legal and moral aspects, scene safety, primary and secondary patient assessments, intervention and stabilization skills, proper use of emergency medical equipment, awareness of blood-borne pathogens and communicable diseases, recognition of signs and symptoms, and pathophysiology of medical emergencies and traumatic injuries. Practical skills training includes hands-on skills training and interactive simulations. This course meets EMT curriculum requirements of the California Code of Regulations Title 22, the California EMS Authority and the National Registry of Emergency Medical Technicians (NREMT). Upon successful completion, students are eligible to take the National Registry EMT certifying examination and qualify for a California State EMT certification.

EMT-1 REFRESHER (Certificate of Training) 1 unit
EMT 252  EMT-1 Refresher 1 unit
16 lecture hours, 8 lab hours
Prerequisite: FRTC 64 or EMT 61 or current certification as EMT-1 or current CPR Certification for Healthcare Provider or Professional Rescuer
Designed to provide the student with review, up-to-date information and skills development necessary for pre-hospital care of medical and traumatic emergencies. Includes AED instruction. Satisfies National Registry instruction and State requirements for EMT-1 refresher certification. Must meet above prerequisites or possess current certification as an EMT-1, current CPR certification for Healthcare Provider or Professional Rescuer.

Engineering

ENGR 3  Plane Surveying 4 units
54 lecture hours, 54 lab hours
Prerequisite: 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 and Design 3 units
18 lecture hours, 27 lab hours
Prerequisite: MATH 21 and DRAFT 30
Transferable to CSU/UC
This course extends the concepts learned in DRAFT 30 (Technical Drawing with AutoCAD) to engineering drawings and design. Topics include the development of visualization and presentation skills, orthographic projections, mechanical dimensioning and manufacturing practices, 3-D CAD and an introduction to engineering design including a group project. The use of 3-D CAD software and application to 3-D printing is an integral part of this course. (L,M)

ENGR 6  Computational Problem Solving for Engineers 3 units
36 lecture hours, 54 lab hours
Prerequisite: MATH 1A
Transferable to CSU
This course focuses on numerical methods with computer applications such as MATLAB and EXCEL to solve problems in engineering and science. Programming in MATLAB is a key skill developed in this course. Problems and applications from applied math, electrical circuits, biology, and other engineering and science fields are used.

ENGR 10  Introduction to Engineering 3 units
36 lecture hours, 54 lab hours
Prerequisite: 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 17L  Circuits Laboratory for Engineers 1 unit
54 lecture hours
Prerequisite: EMT 48
Corequisite: 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 ofphasors, 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 32  Surveying a Parcel Boundary 1 unit
15 lecture hours, 9 lab hours
Prerequisite: EMT 252
Transferable to CSU
The theory and application of the principles of parcel boundary surveying. Follow the entire process of executing a Record of Survey of a parcel in the Sacramento Valley. The course offers an introduction to the principles of boundary surveying, deed analysis, actual field survey, calculations, boundary resolution, preparation of a Record of Survey map. Submission of the map to the County Surveyor, and recordation of the map. Not open for credit to students with credit in DRAFT 33. Grades are P/NP. (L,M)

MATH 21  Elementary Economics 3 units
54 lecture hours, 54 lab hours
Transferable to CSU/UC
An introduction to Microeconomic concepts, principles, scarcity problems and policies. Topics include: equilibrium price, supply and demand, elasticity, marginal utility, cost and revenue concepts, market structure, labor economics, comparative economic systems and pricing the factors of production. Students learn to use economic principles to analyze the economic challenges facing the individual and business organization. (L)

Courses and Programs

Programs and Courses

Education

EDUC 1  Introduction to Teaching With Field Experience 3 units
36 lecture hours, 54 lab hours
Prospective teachers are placed in selected K-12 schools that have been recognized for exemplary practices and whose student population represents California’s diversity. Course content includes a review of California Standards for the Teaching Profession, review of operative and learning studies, current issues in K-12 education, characteristics of successful teachers, and effective communication skills for the teaching profession. (L,M)

EDUC 20  Tutoring Seminar 1 unit
18 lecture hours
Transferable to CSU
Tutor training involving the role and function of tutoring, the philosophy that each tutoring session should progress, the behaviors of tutors and tutees during tutoring activities and the principal strategies by which the business of teaching and learning is handed to tutors. (L)

EDUC 51  Teacher Aides in the School System 3 units
54 lecture hours
Study of personal qualifications of the teacher aide; child behavior and discipline; proficiency examination standards for vocational preparation of aides in the classroom. (L)
## Programs and Courses

### English

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<td>ENGL 1B Critical Thinking &amp; Writing About Literature</td>
<td>3</td>
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<tr>
<td>ENGL 1C Critical Thinking/Advanced Composition</td>
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#### (Associate in Arts in Transfer)

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<tr>
<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td>ENGL 1A College Composition and Reading</td>
<td>4</td>
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<tr>
<td>ENGL 1B Critical Thinking &amp; Writing About Literature</td>
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<tr>
<td>ENGL 1C Critical Thinking/Advanced Composition</td>
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<tr>
<td>ENGL 20A News Media Production 1</td>
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<tr>
<td>ENGL 20B News Media Production 2</td>
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### Business

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<th>Course</th>
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<tr>
<td>ENGR 30A Business Research</td>
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### Mathematics

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<tr>
<td>ENGR 35 Statics</td>
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### Visual Communication

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<th>Course</th>
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### Critical Thinking/Advanced

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### Critical Thinking & Writing About

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<tr>
<td>ENGL 20B News Media Production 2</td>
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Programs and Courses

ENGL 33 History of Film 3 units 54 lecture hours Transferable to CSU/UC Chronological survey of the motion picture; traces the development of technology, and social importance of film during the last 110 years; screenings of significant and representative narrative, documentary, and experimental films from the silent to the modern era. Not open for credit to students with credit in HUMAN 33 or THART 33. (L)

ENGL 34 Introduction to Film 3 units 54 lecture hours Transferable to CSU/UC Study of film art and its influence on society, including interpretation, criticism, and technical developments; students view and discuss full-length feature films. Not open to students with credit in HUMAN 34 or THART 34. (L)

ENGL 36 American Ethnic Voices 3 units 54 lecture hours Transferable to CSU/UC Survey of selected American ethnic writers of African, European, Native American, Central/South American, Mexican, 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/UC An exploration of the thematic and stylistic elements of literature written by and about women. Texts will be selected from a variety of ethnic groups in the United States and/or the world with an emphasis on the ways women’s lives have been shaped by societal expectations: gender roles, sexuality expression, and socio-economic status, and ethnic and 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 38 Classic and Contemporary Youth Literature 3 units 54 lecture hours Transferable to CSU Social-historical context and tools for analyzing literature directed toward young readers. Emphasizes contemporary U.S. texts, classic works, and the origins of youth literature (including tales, folk tales and fairy tales). Explores subgenres and literary elements common to young adult literature, including fantasy and the quest. Emphasizes literature from diverse authors and communities, and the impact of this literature on the psychological, sociological, and cultural growth of young readers. (L)

ENGL 40A Tutoring Writing .5 unit 9 lecture hours Prerequisite: ENGL 51 or ENGL 51L Corequisite: ENGL 1A Transferable to CSU A training program in English composition to prepare students to tutor writing skills in a coherent and supportive manner. (L)

ENGL 40B Tutoring Writing .5 unit 9 lecture hours Prerequisite: ENGL 51 or ENGL 51L and ENGL 40A Corequisite: ENGL 1A Transferable to CSU A 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/UC 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 Study of literature through reviewing, analyzing, and viewing selected plays of Shakespeare and other major playwrights offered at the Oregon Shakespeare Festival. Students are responsible for transcribing, summarizing, and other assignments. (L)

ENGL 46A Introduction to English Literature I 3 units 54 lecture hours Prerequisite: ENGL 51 or eligibility for ENGL 1A Transferable to CSU/C-ID ENGL 160 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. Eligibility for ENGL 1A required; successful completion of ENGL 1A recommended. (L)

ENGL 46B Introduction to English Literature II 3 units 54 lecture hours Prerequisite: ENGL 51 or eligibility for ENGL 1A Transferable to CSU/C-ID ENGL 160 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. Eligibility for ENGL 1A required; successful completion of ENGL 1A recommended. (L)

ENGL 51 Preparatory Composition and Reading 4 units 72 lecture hours Prerequisite: ENGL 105 or ENGL 105L; Placement Exam Score 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 105 Pre-Collegiate Composition and Reading 4 units 72 lecture hours Stress the development of students’ reading and writing skills by practicing/reviewing writing at the sentence, paragraph, and essay levels and by reading and analyzing short essays that serve as models and as topics for writing. (L)

ENGL 106B Fundamentals of Composition 2 4 units 54 lecture hours Transferable to CSU/UC Basic skills of English: paragraph and essay writing, application of grammar and vocabulary to writing, research and documentation, and the critical analysis of various types of writing. Not open for credit to students with credit in ENGL 106. (L)

ENGL 116A Academic Reading and Writing for ESL 1 4 units 72 lecture hours Prerequisite: ENGL 116B or satisfactory score on the placement exam. This course emphasizes the development of basic reading and writing skills including active reading and writing processes, vocabulary development, grammar and mechanics, simple and compound sentences, paragraph development, and small group and whole class work to strengthen basic reading skills. Not open for credit to students with credit in READ 116A. (L)

ENGL 116B Academic Reading and Writing for ESL 2 4 units 72 lecture hours Prerequisite: Eligibility for ENGL 116B on Placement Exam Score This course emphasizes the development of basic reading and writing skills including varied sentence types, use of phrases and clauses, grammar and mechanics, paragraphs, summary-response short essays, the writing process, and small group and whole class work to strengthen basic reading skills and to make inferences and to read critically. (L)

ENGL 212 Low-Beginning Listening and Pronunciation 3 units 54 lecture hours Listening and pronunciation for beginners. Emphasis on increased comprehension of simple spoken English and improved speech. Concurrent enrollment in ESL 213, 217, and 218 is highly recommended. Not open for credit to students with credit in ESL 212A. (L)

ENGL 213 Low-Beginning Grammar 3 units 54 lecture hours The first course in basic grammar for 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, 212T and ESL 216 is highly recommended. Not open for credit to students with credit in ESL 213A. (L)

ENGL 214 English Conversation, Level 1 2 units 36 lecture hours Pair, small and large group discussion for Limited English Proficient students, including personal and family information, daily activities, and other subjects of interest; relevant vocabulary included. First in a series of four conversation courses. Grades are P/NP. 2015-2016 Catalog
Programs and Courses

ESL 215 Integrated ESL Skills, Level 1  v2-5 units
36 lecture hours (2 units)  54 lecture hours (3 units)  90 lecture hours (5 units)

Basic language development for beginning English speakers. Concentration on all language skills—listening, speaking, reading, writing, and grammar—while focusing on everyday life skills. Prepares students for ESL 225 and other Level 2 courses. (First in a series of four courses.)

ESL 217 Low-Beginning Reading 3 units
54 lecture hours

The first course in basic reading and vocabulary development for beginners who have very little if any skills in reading or writing English. Emphasis is on reading and understanding simple sentences and short paragraphs in simple present tense. Concurrent enrollment in ESL 212, 213, and 218 is highly recommended. Not open for credit to students with credit in ESL 217A.

ESL 218 Low-Beginning Writing 4 units
72 lecture hours

The first course in basic writing for beginners who have little or no background in English. Emphasis on writing simple sentences and simple short paragraphs in simple present tense. Concurrent enrollment in ESL 212, 213, and 218 is highly recommended. Not open for credit to students with credit in ESL 218A.

ESL 222 Beginning Listening and Pronunciation 3 units

Listening and pronunciation for beginners. Emphasis on increased comprehension of simple spoken English and improved production in pronunciation and conversational skills. Concurrent enrollment in ESL 212, 213, and 217A highly recommended. Not open for credit to students with credit in ESL 212B.

ESL 222A Beginning Grammar 3 units
54 lecture hours

Prerequisite: ESL 213 or ESL 213A with a grade of "C" or better, or SAT/ACT score on ESL Placement Test, Beginning Grammar for ESL students. It introduces students who have little background in English to basic simple sentences and short paragraphs in simple present tense and present continuous tenses. Concurrent enrollment in ESL 222, 223, 227, and 228 highly recommended. Not open for credit to student with credit in ESL 213B.

ESL 224 English Conversation, Level 2 2 units

36 lecture hours

Pair, small and large group discussion for limited English proficient students; concentration on all language skills—listening, speaking, reading, writing, and grammar—while focusing on everyday life skills. Prepares students for ESL 235 and other Level 3 courses. (Second in a series of four courses.)

ESL 225 Integrated ESL Skills, Level 2  v2-5 units
36 lecture hours (2 units)  54 lecture hours (3 units)  90 lecture hours (5 units)

Language development for low-intermediate limited English speakers; concentration on all language skills—listening, speaking, reading, writing, and grammar—while focusing on everyday life skills. Prepares students for ESL 235 and other Level 3 courses. (Second in a series of four courses.)

ESL 226L English as a Second Language Lab, 1 v1-5 units
27 lab hours (5 units)  54 lab hours (1 unit)

Supplements English as a Second Language Level 1 and Level 2 classes by providing additional practice, exercises and other academic in grammar, reading, writing, vocabulary, listening comprehension, pronunciation, and conversation and integrated skills courses.

ESL 227 Beginning Reading 3 units
54 lecture hours

Basic reading and vocabulary development for beginners who have little background in reading or writing English. Emphasis is on reading and understanding simple short paragraphs in simple present and present continuous tenses. Concurrent enrollment in ESL 222, 223, and 228 is highly recommended. Not open for credit to students with credit in ESL 217B.

ESL 228 Beginning Writing 4 units
72 lecture hours

Prerequisite: ESL 218 or ESL 218A with a grade of "C" or better, or SAT/ACT score on ESL Placement Tests. Basic writing for beginners who have some background in English. Emphasis on writing simple sentences and short paragraphs in simple present and past tense. Concurrent enrollment in ESL 222, 223, and 227 highly recommended. Not open for credit to student with credit in ESL 218B.

ESL 229A Computer Skills for ESL Students 3 units

54 lecture hours

 Provides students with basic computer and word processing skills necessary to type simple documents, use software and internet to perform research related to employment. Additionally, students will work on English skills, such as reading, vocabulary development, using vocally-oriented 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 ESL 3 3 units classes (e.g., ESL 232, 235) is highly recommended.

ESL 229AW English for Employment, Level 3  v2-5 units
54 lecture hours

Prerequisite: ESL 227 or ESL 217B with a grade of "C" or better, or SAT/ACT score on ESL Placement Examination. High-beginning reading and vocabulary development. It introduces students who have studied grammar for one year to simple sentences and short paragraphs in simple past and past continuous tenses. Concurrent enrollment in ESL 233, 237, and 238 is highly recommended. Not open for credit to student with credit in ESL 217A.

ESL 229BW English for Employment, Level 2, Part 2 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 242, 243, 247, and 248 is highly recommended.

ESL 232 High Beginning Listening & Pronunciation 3 units
54 lecture hours

Listening and pronunciation for low-intermediate English speakers. Development of ability to understand and be understood by native speakers. Concurrent enrollment in ESL 233, 237, and 238 is highly recommended. Not open for credit to student with credit in ESL 222A. Grades are P/NP.

ESL 233 High Beginning Grammar 3 units
54 lecture hours

Prerequisite: ESL 223 or ESL 213A, or satisfactory score on ESL Placement Test. High beginning grammar for ESL students. It introduces students who have studied grammar for one year to simple sentences and short paragraphs in simple past and past continuous tenses. Concurrent enrollment in ESL 232, 237, and 238 is highly recommended. Not open for credit to student with credit in ESL 223A.

ESL 234 English Conversation, Level 3 2 units
36 lecture hours

Pair, small and large group discussion for Limited English Proficient students. Topics including personal history, likes and dislikes, family plans, and other subjects of interest; new relevant vocabulary introduced. Third in a series of four conversation courses. Grades are P/NP.

ESL 235 Integrated ESL Skills, Level 3  v2-5 units
36 lecture hours (2 units)  54 lecture hours (3 units)  90 lecture hours (5 units)

Language development for intermediate limited English speakers; concentration on all language skills—listening, speaking, reading, writing, and grammar—while focusing on everyday life skills. Prepares students for ESL 245 and other Level 4 courses. (Third in a series of four courses.) Not open for credit to students with credit in ESL 530.

ESL 237 High Beginning Reading 3 units
54 lecture hours

Prerequisite: ESL 227 or ESL 217B with a grade of "C" or better, or SAT/ACT score on ESL Placement Examination. High-beginning reading and vocabulary development. It introduces students who have studied grammar for one year to simple sentences and short paragraphs in simple past and past continuous tenses. Concurrent enrollment in ESL 233, 237, and 238 is highly recommended. Not open for credit to student with credit in ESL 217A.

ESL 238 High Beginning Writing 4 units
54 lecture hours

Prerequisite: ESL 228 or 218B with a grade of "C" or better, or satisfactory score on ESL Placement Test. Writing for high-beginning ESL. Develops ability to write simple sentences and paragraphs using simple present and simple past tenses with proper grammar and mechanics. Concurrent enrollment in ESL 232, 233, and 237 highly recommended. Not open for credit to students with credit in ESL 228A.

ESL 239AW English for Employment, Level 3, Part 1 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, and 258 and/or above is highly recommended.

ESL 242 Low-Intermediate Listening & Pronunciation 3 units
54 lecture hours

Listening and pronunciation for low-intermediate English speakers. Development of ability to understand and be understood by native speakers. Concurrent enrollment in ESL 233, 237, and 238 is highly recommended. Not open for credit to students with credit in ESL 222B. Grades are P/NP.

ESL 243 Low-Intermediate Grammar 3 units
54 lecture hours

Prerequisite: ESL 233 or ESL 233A with a grade of "C" or better, or satisfactory score on ESL Placement Tests. Low-intermediate grammatical for ESL students. It introduces students to writing paragraphs containing both compound and complex sentences in past and present tenses. Concurrent enrollment in ESL 242, 247, and 248 is highly recommended. Not open for credit to student with credit in ESL 223B.

ESL 244 English Conversation, Level 4 2 units
36 lecture hours

Pair, small and large group discussion for Limited English proficient students, including hypothetical situations, jobs and careers, and explaining the process; new relevant vocabulary introduced. Last in a series of four conversation courses. Grades are P/NP.

ESL 245 Integrated ESL Skills, Level 4 v2-5 units
36 lecture hours (2 units)  54 lecture hours (3 units)  90 lecture hours (5 units)

Language development for intermediate limited English speakers. Concentration on all language skills—listening, speaking, reading, writing, and grammar—while focusing on everyday life skills. Prepares students for ESL 249, 254, and other Level 4 courses. (Fourth in a series of four courses.) Not open for credit to students with credit in ESL 530.

ESL 247 High Beginning Reading 3 units
54 lecture hours

Prerequisite: ESL 227 or ESL 217B with a grade of "C" or better, or SAT/ACT score on ESL Placement Examination. High-beginning reading and vocabulary development. It introduces students who have studied grammar for one year to simple sentences and short paragraphs in simple past and past continuous tenses. Concurrent enrollment in ESL 233, 237, and 238 is highly recommended. Not open for credit to student with credit in ESL 217A.

ESL 248 High Beginning Writing 4 units
54 lecture hours

Prerequisite: ESL 228 or 218B with a grade of "C" or better, or satisfactory score on ESL Placement Test. Writing for high-beginning ESL. Develops ability to write simple sentences and paragraphs using simple present and simple past tenses with proper grammar and mechanics. Concurrent enrollment in ESL 232, 233, and 237 highly recommended. Not open for credit to students with credit in ESL 228A.

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Programs and Courses

ESL 246L English As a Second Language Lab, II 5-1 units 27 lecture hours (5 units) 54 lecture hours (1 unit) 54 credit in ESL 237A.

ESL 247 Low-Intermediate Reading 3 units 54 lecture hours Prerequisite: ESL 237 or ESL 227A or Satisfactory score on ESL Placement Test.

ESL 248 Low-Intermediate Writing 4 units 72 lecture hours Prerequisite: ESL 247 with a grade of "C" or better, or satisfactory score on ESL Placement Tests.

ESL 252 Intermediate Listening 3 units 54 lecture hours Prerequisite: ESL 238 or ESL 228A with a grade of "C" or better or satisfactory score on ESL Placement Tests.

ESL 253 Intermediate Grammar 3 units 54 lecture hours Prerequisite: ESL 243 or ESL 227B with a grade of "C" or better or satisfactory score on ESL Placement Tests.

ESL 257 Intermediate Reading 3 units 54 lecture hours Prerequisite: Completion of ESL 247 or ESL 227B with a "C" or better or satisfactory score on ESL Placement Tests.

ESL 258 Intermediate Writing 4 units 72 lecture hours Prerequisite: ESL 248 with a grade of "C" or better, or satisfactory score on ESL Placement Tests.

Environmental Technology

ENVTC 20 Water Distribution System O&M 3 units 54 lecture hours Transferable to CSU Topics covered will include drinking water sources with an emphasis on groundwater wells, pumps, water pipes, valves, hydrants, valves, pressure regulators, treatment, disinfection, state and federal regulations for distribution systems and water sampling techniques for distribution systems. This course will prepare students to take a state certification examination for water distribution systems, which is the first step in working for a public entity that delivers safe drinking water to the public. This class will also count for Continuing Education Credits (contact hours) for existing operators. OTHER: Problem solving. (May be taken twice only) (L,M)

ENVTC 21 Water Treatment Plant Operation 3 units 54 lecture hours Transferable to CSU Course content includes wastewater treatment and disposal methods. Topics covered will include wastewater treatment facilities, pretreatment and primary treatment, wastewater treatment methods, disinfection and final effluent disposal. This course will help prepare students to take a state certification exam for wastewater treatment operation, which is the first step in working for a wastewater system that treats and disposes of wastewater in compliance with state and federal laws.

ENVTC 22 Wastewater Treatment Plant Operation Level II 3 units 54 lecture hours Prerequisite: ENVTC 24 Transferable to CSU Covers advanced wastewater treatment techniques, including effluent disposal methods, activated sludge treatment, sludge digestion and disposal, effluent discharge, plant safety, plant maintenance, laboratory procedures, and treatment plant administration. Helps prepare students to take a state certification examination for wastewater treatment operation. First step in working for a wastewater utility.

Ethnic Studies

ETNH 1 Introduction to Chicano Studies 3 units 54 lecture hours Transferable to CSU/C

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Programs and Courses

ESL 246L English As a Second Language Lab, II 5-1 unit 27 lecture hours (5 units) 54 lecture hours (1 unit) 54 credit in ESL 237A.

ESL 247 Low-Intermediate Reading 3 units 54 lecture hours Prerequisite: ESL 237 or ESL 227A or Satisfactory score on ESL Placement Test.

ESL 248 Low-Intermediate Writing 4 units 72 lecture hours Prerequisite: ESL 247 with a grade of "C" or better, or satisfactory score on ESL Placement Tests.

ESL 252 Intermediate Listening 3 units 54 lecture hours Prerequisite: ESL 238 or ESL 228A with a grade of "C" or better or satisfactory score on ESL Placement Tests.

ESL 253 Intermediate Grammar 3 units 54 lecture hours Prerequisite: ESL 243 or ESL 227B with a grade of "C" or better or satisfactory score on ESL Placement Tests.

ESL 257 Intermediate Reading 3 units 54 lecture hours Prerequisite: Completion of ESL 247 or ESL 227B with a "C" or better or satisfactory score on ESL Placement Tests.

ESL 258 Intermediate Writing 4 units 72 lecture hours Prerequisite: ESL 248 with a grade of "C" or better, or satisfactory score on ESL Placement Tests.

Environmental Technology

ENVTC 20 Water Distribution System O&M 3 units 54 lecture hours Transferable to CSU Topics covered will include drinking water sources with an emphasis on groundwater wells, pumps, water pipes, valves, hydrants, valves, pressure regulators, treatment, disinfection, state and federal regulations for distribution systems and water sampling techniques for distribution systems. This course will prepare students to take a state certification examination for water distribution systems, which is the first step in working for a public entity that delivers safe drinking water to the public. This class will also count for Continuing Education Credits (contact hours) for existing operators. OTHER: Problem solving. (May be taken twice only) (L,M)

ENVTC 21 Water Treatment Plant Operation 3 units 54 lecture hours Transferable to CSU Course content includes wastewater treatment and disposal methods. Topics covered will include wastewater treatment facilities, pretreatment and primary treatment, wastewater treatment methods, disinfection and final effluent disposal. This course will help prepare students to take a state certification exam for wastewater treatment operation, which is the first step in working for a wastewater system that treats and disposes of wastewater in compliance with state and federal laws.

ENVTC 22 Wastewater Treatment Plant Operation Level II 3 units 54 lecture hours Prerequisite: ENVTC 24 Transferable to CSU Covers advanced wastewater treatment techniques, including effluent disposal methods, activated sludge treatment, sludge digestion and disposal, effluent discharge, plant safety, plant maintenance, laboratory procedures, and treatment plant administration. Helps prepare students to take a state certification examination for wastewater treatment operation. First step in working for a wastewater utility.

ETNH 1 Introduction to Chicano Studies 3 units 54 lecture hours Transferable to CSU/C

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(LMC) - College level language, math and/or computer skills advised.
Programs and Courses

Family and Consumer Science

FCS 10 Principles of Nutrition 3 units
54 lecture hours
Transferable to CSU-US - UC Unit Limit
Functions of nutrients in the human body. Nutritional needs of individuals through their life cycle, food choice determinants, effects of cooking and processing, role and safety of food additives, and meal planning guidelines. Not open for credit to students with credit in HNLT 10. (L)

FIRE TECHNOLOGY

FIRE TECHNOLOGY (Certificate of Achievement)

Required Courses

Units

FIRTC 1 Fire Protection Organization ........................................... 3
FIRTC 2 Fire Prevention Technology ........................................... 3
FIRTC 3 Fire Protection Equipment and Systems ......................... 3
FIRTC 4 Building Construction for Fire Protection ......................... 3
FIRTC 5 Fire Behavior and Combustion ........................................ 3
FIRTC Electives ..................................................................... 9
Total units required ......................................................... 30

FIRE TECHNOLOGY 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 State 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 fire fighter or six months as a paid fire fighter 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.

FIRE TECHNOLOGY-FIRE ACADEMY (Associate in Science)

Required Course

Units

FIRTC 64A Fire Fighter I Academy Module A
FIRTC 64B Fire Fighter I Academy Module B .................................. 26
FIRE TECHNOLOGY-FIREFIGHTER ACADEMY (Certificate of Achievement)

Required Course

Units

FIRTC 64 Fire Fighter I Academy .................................................. 26

Other Certificates of Training that students may earn within the Fire Fighter I Academy include the following:

BASIC INCIDENT COMMAND SYSTEM - ICS 200

(Certificate of Training)

EMERGENCY MEDICAL TECHNICIAN I (Certificate of Training)

FIRE TECHNOLOGY PRACTICUM

Graduates of the Fire Fighter I Academy who obtained a grade of “B” or higher and meet other prerequisites qualify to apply for entry in the Fire Technology Practicum. The practicum provides hands-on experience at a fire station and includes supervised fire fighting activities. Students receive a Certificate of Training after completing six months of training and a Certificate of Completion upon completing one year.

FIRE TECHNOLOGY PRACTICUM I (Certificate of Achievement)

Required Courses

Units

FIRTC 64AO Fire Technology Practicum ....................................... 15
FIRTC 64BO Fire Technology Practicum ....................................... 15
FIRTC 64CO Fire Technology Practicum ....................................... 15
Total units required ......................................................... 45

FIRE TECHNOLOGY PRACTICUM II (Certificate of Achievement)

Required Courses

Units

FIRTC 64AO AND/OR 64BO Fire Technology Practicum .............. 30
FIRTC 64CO Fire Technology Practicum ....................................... 30

FIRE TECHNOLOGY-FIRE ACADEMY (Certificate of Achievement)

Units

FIRTC 64 Fire Fighter I Academy .................................................. 26

Other Certificates of Training that students may earn within the Fire Fighter I Academy include the following:

BASIC INCIDENT COMMAND SYSTEM - ICS 200

(Certificate of Training)

EMERGENCY MEDICAL TECHNICIAN I (Certificate of Training)

FIRTC 4 Building Construction for Fire Protection 3 units
54 lecture hours
Transferable to CSU

FIRTC 5 Fire Behavior and Combustion 3 units
54 lecture hours
Transferable to CSU

FIRTC 63A Driver/Operator 1A 2 units
36 lecture hours, 4 lab hours
Other REQMT: Valid Class B driver’s license.

FIRTC 63B Driver/Operator 1B 2 units
36 lecture hours, 4 lab hours
Designed to provide student with the theory, methods, and techniques for operating fire service pumps, including types of pumps, engine and pump gauges, maintenance, unsafe pumping conditions, pressure relief devices, cooling systems, water supplies, drafting, field hydraulics and pumping operations. This course is a component of the California State Fire Marshall’s Apparatus Driver/Operator certification. (L)

FIRTC 64 Firefighter I Academy 26 units
398 lecture hours, 222 lab hours
Prerequisite: 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.

Programs and Courses

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(LMC) - College level language, math and/or computer skills advised.

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Programs and Courses

FIRTC 64A Fire Technology Practicum

1200 lab hours
Prerequisite: FIRTC 64 and Admission to the Fire Technology Practicum Program.

Hands on experience assigned to a fire station 240 hours a month; includes supervised fire fighting activities, scheduled and non-scheduled training, fire prevention, public education, equipment maintenance, and medical aid towards the qualification of the student for Fire Fighter I or Fire Fighter II certification by the State of California. Grades are P/NP. (L)

FIRTC 64B Firefighter I Academy Module B

199 lecture hours, 111 lab hours
Prerequisite: FIRTC 64A

Second of two fire academy modules to receive a completion of training certificate. 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 basic concepts including fire department organization, fire control, equipment operation, prevention, protection, hose, nozzles and breathing apparatus. Includes physical training. Must be 18 years of age or older to complete the EMT portion of the class and successfully complete the academy. Students are required to purchase or show evidence of malpractice insurance. (L)

FIRTC 64D Advanced Fire Technology Practicum

1200 lab hours
Prerequisite: FIRTC 64B and admission to Fire Technology Practicum Program.

Intended for students who have already completed six months or more of the Fire Technology Practicum. This course offers hands on fire fighting experience assigned to a fire station 240 hours per month; includes supervised fire fighting activities, scheduled and non-scheduled training, fire prevention, public education, equipment maintenance, and medical aid towards the qualification of the student for Fire Fighter I or Fire Fighter II Certification by the State of California. (L)

FIRTC 70 Fire Management 1

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 is one of ten components of the California Fire Service Training and Education System classes needed for Fire Officer certification. (L)

FIRTC 71A Fire Instructor 1A

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 FIRTC 71. (L)

FIRTC 71B Fire Instructor 1B

40 lecture hours
Prerequisite: 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

18 lecture hours
Prerequisite: FIRTC 81

Designed to provide the student with a basic understanding of the Incident Command System (ICS). This course covers terminology, positions, organization, and command in the ICS. This course meets the State Fire Marshal’s standards of I-200 training. (L)

FIRTC 82 I-300 Intermediate Incident Command

27 lecture hours
Prerequisite: 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 event planning. This 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

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, webbing, hardware, friction devices, and litters in low angle rescue. 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 Firefighting for Volunteer Firefighting

24 lecture hours, 16 lab hours
Designed primarily for volunteer and local government firefighters who respond to wildland fires. Covers wildland firefighting, 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)

FIRTC 206 Hazardous Materials-FRAM

1 unit
Prerequisite: FIRTC 205

Designed primarily for First Responders who are at risk of exposure to toxic substances. Covers type, nature and physiological effects of hazardous materials. Designed to develop new First Responder attitudes toward health and safety and to increase safe behaviors in responding to hazardous material incidents. Upon completion of the course, students will receive certification from CSTI (California Specialized Training Institute). Grades are P/NP. (L)

French

FRNC 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 listening, speaking, reading, and writing skills with an emphasis on the communicative skills, as well as the fundamentals of French grammar. (L)

FRNC 10 Introduction to French

3 units
54 lecture hours
Transferable to CSU

Introduces the student to the study of the French language and Francophone culture. At the successful completion of this course, the student will be able to converse in simple situations, understand the present tense and a vocabulary of 800-1000 words. (L)

GENERAL BUSINESS (See Business)

2015-2016 Catalog
Programs and Courses

ARTS & HUMANITIES (Associate in Arts or Science 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 must complete 18 units from at least three of the areas listed below. Courses must be completed with a “C” or higher grade.

- Art 1A, 1B, 1C, 3A, 3B, 5, 31
- Asian American Studies 31
- Early Childhood Education 39
- English 1B, 2, 30A, 30B, 31A, 31B, 33, 34, 36, 37, 42, 46A, 46B
- French 1, 10
- History 4A, 4B, 5A, 5B, 6, 7, 8, 14, 15, 16A, 16B, 17A, 17B
- Humanities 3, 5, 10, 11, 12, 15, 16, 20, 26A, 26B, 31, 33, 34
- Mass Communications 11
- Music 1, 1A, 1B, 3, 8A, 8B, 12, 15, 16
- Philosophy 1, 2, 3, 30
- Sign 1, 2, 3
- Spanish 1, 2, 3, 4, 10, 20A, 20B, 35, 36
- Speech 2
- Theatre Arts 10, 33, 34
- Women’s Studies 26A, 26B, 29, 37

COMMUNICATIONS (Associate in Arts or Science 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 must complete 18 units, selecting at least one course from each of the areas listed below. Courses must be completed with a “C” or higher grade.

- English 1A, 1B, 1C
- Philosophy 12
- Speech 1, 3, 6, 7, 9

GENERAL HEALTH (Associate in Arts or Science Degree):
This degree emphasizes the principles of healthful living by the integration of physical, psychological, social and spiritual factors. Students will learn how to incorporate these principles into their own lives. Students will be able to critically evaluate their personal choices regarding disease prevention, healthy living, and making positive life choices.

Students must complete 18 units from at least three of the areas listed below. Courses must be completed with a “C” or higher grade.

- Counseling 10, 25
- Family and Consumer Science 10
- General Business 25
- Health Education 1
- Approved Physical Education activities (1.5 units maximum)
- Psychology 1A, 12, 31, 33, 41, 46
- Sociology 30

NATURAL SCIENCE (Associate in Arts or 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 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, 7, 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

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 must complete 18 units from at least three of the areas listed below. Courses must be completed with a “C” or higher grade.

- Administration of Justice 10
- Anthropology 2, 3
- Early Childhood Education 3, 31
- Economics 1A, 1B
- Ethnic Studies 1
- Geography 2
- History 4A, 4B, 5A, 5B, 7, 8, 14, 15, 16A, 16B, 17A, 17B
- Political Science 1
- Psychology 1A, 12, 22, 31, 33, 41, 46
- Sociology 1, 2, 5, 10, 30
- Speech 8
- Women’s Studies 29, 31, 35

Geography

GEOG 1 Physical Geography 3 units
34 lecture hours
Transferable to CSU/UC
C-ID GEOS 110
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 distributions. (L)

GEOG 2 Cultural Geography 3 units
34 lecture hours
Transferable to CSU/UC
Survey of human populations and their relationship with the physical environment, past and present development of cultures.
GEOL 10 Introduction to Geology 3 units
GEOL 10L Physical Geology 4 units
GEOL 11L Historical Geology 4 units
GEOL 12 Oceanography 3 units
GEOL 20 Geology of California 3 units

Health
HLTH 1 Health and Life Style Choices 3 units
HLTH 2 First Aid & Cardiopulmonary Resuscitation 1 unit

Education
HLTH 3 First Aid and CPR for Kinesiology Majors 3 units

Geology of Yosemite .5 unit
GEOL 40 6 lecture hours, 9 lab hours
Transferable to CSU
This field course focuses on the geology of Yosemite National Park, with emphasis on the tectonic and erosional 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 erosional and depositional processes will be discussed.

Regional Geology - Field Trip v+1-3 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.

History
HIST 4B Western Civilization 3 units
HIST 4D World Civilizations 3 units
HIST 5A World Civilizations 3 units
HIST 5B World Civilizations 3 units
HIST 6 History of Race and Ethnicity in America 3 units
HIST 7 Indians of North America 3 units
HIST 8 California History 3 units
HIST 14 Asian-American History 3 units
HIST 15 Mexican-American History 3 units
HIST 16A African-American History to 1865 3 units
HIST 16B African-American History 3 units
HIST 17A United States History 3 units
HIST 17B United States History 3 units

Select 15 units from the following:
ANTHR 2: ECON 1A, 1B; PHIL 12, 12A
Total units required for degree major 18
**Programs and Courses**

**Human Services**

The two-year Human Services program is designed to meet an increasing need for paraprofessional and volunteer human service generalists. The program is designed to prepare students for employment in Human Service paraprofessional counselors, workers, and aids in areas of welfare, vocational rehabilitation, mental health, and chemical dependency. The program also provides additional training and skills to paraprofessionals and volunteer human service workers currently employed, enabling them to more effectively meet human services needs.

**Human Services (Associate in Science)**

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUSE 20 Introduction to Chemical Dependency Studies</td>
<td>3</td>
</tr>
<tr>
<td>HUSE 21 Introduction to Physiological/Psychological Effects of Drugs of Addiction</td>
<td>3</td>
</tr>
<tr>
<td>HUSE 22 Introduction to Development/Progression of Addictive Patterns of Behavior</td>
<td>3</td>
</tr>
<tr>
<td>HUSE 23 Basic Law/Ethics for Chem. Dep. Counts</td>
<td>3</td>
</tr>
<tr>
<td>HUSE 24 Case Management/Psychopathology</td>
<td>3</td>
</tr>
<tr>
<td>HUSE 25 Basic Chemical Dependency Counseling</td>
<td>3</td>
</tr>
<tr>
<td>HUSE 26A AND 26B Supervised Field Work Practicum</td>
<td>7</td>
</tr>
<tr>
<td>Total units required for degree major</td>
<td>33</td>
</tr>
</tbody>
</table>

*Practicum consists of 300 hours, 255 field hours and 45 classroom, of specialized and supervised field work practice. Certification is by California Certification Board of Alcohol and Drug Counselors, and requires additional extensive internships, usually completed during employment; qualifies a person for entry into certified internship. The 255 practicum hours count toward further internship requirements.*

**Chemical Dependency Counselor (Certificate of Achievement)**

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUSE 20 Introduction to Chemical Dependency Studies</td>
<td>3</td>
</tr>
<tr>
<td>HUSE 21 Intro/Physiological/Psychological Effects of Drugs of Addiction</td>
<td>3</td>
</tr>
<tr>
<td>HUSE 22 Intro/Development/Progression of Addictive Patterns of Behavior</td>
<td>3</td>
</tr>
<tr>
<td>HUSE 23 Basic Law/Ethics for Chemical Dependency Counselor</td>
<td>3</td>
</tr>
<tr>
<td>HUSE 24 Introduction to Case Management/ Psychopathology</td>
<td>3</td>
</tr>
<tr>
<td>HUSE 25 Basic Chemical Dependency Counseling</td>
<td>3</td>
</tr>
<tr>
<td>HUSE 26A AND 26B Supervised Field Work Practicum</td>
<td>7</td>
</tr>
<tr>
<td>Electives (Select 6 units from the following)</td>
<td>6</td>
</tr>
<tr>
<td>Category I – 3 units required</td>
<td></td>
</tr>
<tr>
<td>HUSE 30 Adult Children of Alcoholics</td>
<td>1</td>
</tr>
<tr>
<td>HUSE 31 Family Therapy Approaches</td>
<td>1</td>
</tr>
<tr>
<td>HUSE 32 Relationship Addiction/Co-Dependency</td>
<td>1</td>
</tr>
<tr>
<td>HUSE 33 Self-Awareness: Key to Non-Addictive Behavior</td>
<td>1</td>
</tr>
<tr>
<td>HUSE 44 Gender Difference Substance Abuse</td>
<td>1</td>
</tr>
<tr>
<td>HUSE 35 Addiction and Domestic Violence</td>
<td>1</td>
</tr>
<tr>
<td>HUSE 36 Chemical Dependency Prevention in Schools</td>
<td>1</td>
</tr>
<tr>
<td>HUSE 37 Drug-Free Workplace: Employee Assist Program</td>
<td>1</td>
</tr>
<tr>
<td>Total units required</td>
<td>31</td>
</tr>
</tbody>
</table>

**Certification Information (not a degree)**

Certification is by the California Certification Board of Alcohol and Drug Counselors. Extensive internships beyond the Yuba College Chemical Dependency Counselor Program are required for State Certification. The value of the Yuba College program of instruction is to:

1. Qualify for additional internships; and
2. Qualify for entry-level non-certified employment. The required internships defined below are usually completed during employment and do accept 255 hours of the Yuba College practicum toward completion.

**Chemical Dependency Counselor (Certificate of Achievement)**

<table>
<thead>
<tr>
<th>Certification Designation</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certified Alcohol/Drug Counselor</td>
<td>6,000</td>
</tr>
<tr>
<td>Certified Alcohol Counselor</td>
<td>4,000</td>
</tr>
<tr>
<td>Certified Drug Counselor</td>
<td>4,000</td>
</tr>
</tbody>
</table>

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**Human Services**

- **Program Overview**: The program is designed to meet an increasing need for paraprofessional and volunteer human service generalists. It prepares students for employment in human service paraprofessional roles.

- **Courses**: Includes courses such as HUSE 20 Introduction to Chemical Dependency Studies, and HUSE 21 Introduction to Physiological/Psychological Effects of Drugs of Addiction.

- **Internship**: The program includes a practicum component that consists of 300 hours, 255 field hours, and 45 classroom hours, supervised fieldwork.

- **Certification**: Requires additional internships and completion of fieldwork for certification.

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**Chemical Dependency Counselor (Certificate of Achievement)**

- **Program Overview**: This is a certification program offered by the California Certification Board of Alcohol and Drug Counselors.

- **Certification Requirements**: Includes courses such as HUSE 20 Introduction to Chemical Dependency Studies, and HUSE 21 Introduction to Physiological/Psychological Effects of Drugs of Addiction.

- **Internship**: Requires extensive internships beyond the program.

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Note: All programs and courses are subject to change. Please consult the current academic catalog for the most up-to-date information.
Programs and Courses

HUSEV 10
Introduction to Human Services
54 lecture hours
Transferrable to CSU
Survey of human services and social work: an exploration of helping skills as applied to such human problems as poverty, parenting, education, substance abuse, illness, and mental health. (L)

HUSEV 11
Understanding Diverse Racial & Ethnic Cultures
54 lecture hours
Transferrable to CSU
An understanding of human dynamics and differences between people of diverse racial, ethnic and gender backgrounds will be discussed. Designed to generate sensitivity and appreciation of differences, eliminate barriers that get in the way of working with diverse populations and create a healthier and safer environment. (L)

HUSEV 11B
Cross Cultural Perspectives in Human Service Work
54 lecture hours
Transferrable to CSU
Provide students with a consistent framework which can inform and provide a better, more in-depth understanding of culture and its relationship to psychological processes. (L)

HUSEV 15
Aging: Concepts and Issues
3 units
54 lecture hours
Transferrable to CSU
Social, economic, and psychological factors related to aging and the challenges associated in contemporary society. Topics include current controversies, personal adaptation to aging, income and health, family, and long-term care, employment and retirement, community social services, and social inequality. Not open for credit for students with credit in SOCL 30. (L)

HUSEV 20
Introduction to Chemical Dependency Studies
3 units
54 lecture hours
Transferrable to CSU
Overview of major topics in the study of drug abuse and dependency, i.e. history, drugs of abuse, models of prevention, addiction and treatment, and local and national policy. (L)

HUSEV 21
Introduction to Physiological/Psychological Effects of Drugs of Abuse
3 units
54 lecture hours
Transferrable to CSU
An introduction and overview focused on drug action and disposition of the major drugs of abuse; alcohol, marijuana, cocaine, amphetamines, PCP, LSD, and designer drugs. Drug testing and the National Institute of Drug Abuse guidelines will be discussed. (L)

HUSEV 22
Introduction to The Development/Progression of Addictive Patterns of Behavior
3 units
54 lecture hours
Transferrable to CSU
Introduction to the causes and development of addiction and co-dependency. Exploration of the process of denial, use of defense mechanisms, and the influences on the family. (L)

HUSEV 23
Legal/Ethical Aspects of Human Services
3 units
54 lecture hours
Transferrable to CSU
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 counselor/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 24
Introduction to Case Management
3 units
54 lecture hours
Transferrable to CSU
Introduction to the mental health problems which affect substance abuse. Focus on the techniques of interviewing, case conceptualization, treatment planning, case management, and relapse control in chemical dependency counseling. Familiarization with DSM IV-R and system of diagnosis approved by the American Psychiatric Association including differential diagnosis, prognosis, and associated features. Not open for credit to students with credit in HUSEV 54. (L)

HUSEV 25
Basic Chemical Dependency Counseling
3 units
54 lecture hours
Transferrable to CSU
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., psychodynamic, 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 65. (L)

HUSEV 26A
Supervised Field Work Practicum
2 units
18 lecture hours, 66 lab hours
Prerequisite: HUSEV 23
Introduction to supervised fieldwork practice, and the basic functions of human service work in a variety of settings, including substance related treatment services. Securing field placement in a human service agency, Orientation to the placement agency, including tour, professional behavior and appearance, mock interviews, and observation of professionals in the field. Understanding the fieldwork recording and reporting requirements. Meets California Association of Alcoholism and Drug Abuse Counselors requirements. (L)

HUSEV 26B
Supervised Field Work Practicum
3 units
27 lecture hours, 189 lab hours
Prerequisite: HUSEV 25 and HUSEV 26A
Transferrable to CSU
Supervised field work practice in a variety of settings that will introduce students to the various aspects of the field and will afford them the opportunity to develop and refine their knowledge and skills in chemical dependency counseling. Meets California Association of Alcoholism and Drug Abuse Counselor’s requirements. Not open for credit to students with credit in HUSEV 58B. (L)

HUSEV 27
Introduction to Professional and Personal Growth
3 units
54 lecture hours
Transferrable to CSU
This course will introduce students to attitudes, values, and methods that enhance communication skills in human relations. Students will also explore personal growth, values, and bias from both personal and professional perspectives. Topics will include Nature vs. Nurture, developmental theories, relationship building, and personal assessments. Students will explore the concept of self as it relates to work, school, relationships, sexuality, and other aspects of life. (L)

HUSEV 28
Skills and Techniques of Group Counseling
3 units
54 lecture hours
Transferrable to CSU
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: communication skills in a group setting, theories of group counseling, best practices, guidelines and diversity issues. (L)

HUSEV 30
Adult Children of Alcoholics
1 unit
18 lecture hours
Transferrable 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 behavior patterns learned in childhood will be described. Not open for credit to students with credit in HUSEV 60. (L)

HUSEV 31
Family Therapy Approaches
1 unit
18 lecture hours
Transferrable 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)

HUSEV 32
Relationship Addiction/ Co-dependency
1 unit
18 lecture hours
Transferrable to CSU
Identification of co-dependent behavior and the effects of theses behaviors on relationships, assessment of healthy vs. unhealthy relationships on a continuum. Not open for credit to students with credit in HUSEV 62. (L)

HUSEV 33
Self Awareness: The Key to Non-Addictive Behavior
1 unit
18 lecture hours
Transferrable 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)

HUSEV 34
Gender Differences Related to Substance Abuse
1 unit
18 lecture hours
Transferrable to CSU
Exploration of the socialization process for females and males as it relates to the development of addictive behavior, the differences in societal views and treatment issues. Not open for credit to students with credit in HUSEV 64. (L)

HUSEV 35
Addiction and Domestic Violence
1 unit
18 lecture hours
Transferrable to CSU
An overview of factors contributing to and eliciting 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)

HUSEV 36
Chemical Dependency Prevention in Our Schools
1 unit
18 lecture hours
Transferrable to CSU
Discussion of how parents, students, school systems and communities can achieve a drug-free community. Discussion activities at the elementary and secondary levels. Class appropriate for all concerned about chemical dependency in schools. Explores the manifestation of current models of prevention, and prevention strategies as applied to the school system. (L)

HUSEV 37
Drug-Free Workplace: Employee Assist Programs
1 unit
18 lecture hours
Transferrable to CSU
Awareness and understanding of chemical dependency in the workplace. Principles that staff can use in dealing with chemical dependency and job performance. Not open for credit to students with credit in HUSEV 67. (L)

(L,M,C) - College level language, math and/or computer skills advised.

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Programs and Courses

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 insight 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.

HUMAN 3 Music Appreciation 3 units
54 lecture hours
Transferable to CSU/UC
Study of music in relation to the humanities, music and composers of the Western World from Medieval to the 20th Century. Not open for credit to students with credit in MUSIC 3.

HUMAN 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.

HUMAN 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.

HUMAN 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.

HUMAN 12 Jazz Appreciation 3 units
54 lecture hours
Transferable to CSU/UC
General survey of jazz from its original and early development to present day; extensive listening to recorded and live performance supports the lecture material. Not open for credit to students with credit in MUSIC 12.

HUMAN 15 Popular Music in the United States 3 units
54 lecture hours
Transferable to CSU/UC
A survey of popular music in the United States from about 1850 to the present. Covers American Civil War songs, ragtime, blues, jazz, song writing, musical theater, country music, Latin music styles, rock, and current trends. Not open for credit to students with credit in MUSIC 15.

HUMAN 17 Music as Culture 3 units
54 lecture hours
Transferable to CSU/UC
A search of better understanding of what gives music meaning. Explorations into multiple genres, including classical, rock, rap, folk, Latino and World Music with an emphasis on the nature of sound, meaning, diversity, performance and value judgments. Not open for credit to students with credit in MUSIC 17.

HUMAN 18 Rock Music History and Culture 3 units
54 lecture hours
Transferable to CSU/UC
A survey of Rock music history with emphasis on its influence on culture and popular music. Covers the roots of rock, emergence and early styles, the Beatles/British Invasion, San Francisco, Folk Rock, Soul and Motown, Jazz Rock, Art Rock, Mainstream, Heavy Metal, Dance, Rap, and the Hip Hop culture. Alternative and Progressive Rock. Not open for credit to students with credit in MUSIC 18.

HUMAN 20 Introduction to World Myth 3 units
54 lecture hours
Transferable to CSU/UC
Four functions of myth analyzes ethnical and universal messages of myth. Explore life's great themes across many cultures: birth, death, dependence, independence, love and growth.

HUMAN 26A Women in Art I 3 units
54 lecture hours
Transferable to CSU/UC
Role of women as 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 ART 3A or WOMEN 26A.

HUMAN 26B 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 arts. Not open for credit to students with credit in ART 3B or WOMEN 26B.

HUMAN 31 Asian-American Humanities & Cultures 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 ASIAN 31.

HUMAN 32 Film Studies: Focus on ... 3 units
54 lecture hours
Transferable to CSU/UC
Study of a particular director/artist, genre, or national cinema; Students view and discuss full length feature films; topic to be specified in class schedule. Not open for credit to students with credit in ENGL 32 or THART 32.

HUMAN 33 History of Film 3 units
54 lecture hours
Transferable to CSU/UC
Chronological survey of the motion picture; traces the development of the art, technology, and social importance of film during the last 110 yrs; 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 THART 33.

HUMAN 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 to students with credit in ENGL 34 or THART 34.

INFORMATION TECHNOLOGY (see Business)

Learning Assistance

LEARN 51 Directed Study 1 unit
9 lecture hours, 27 lab hours
Designed for students with interest in the field of human services, specifically education, medical, and social services. Increase awareness of the limitations imposed by a variety of disabilities and their impact on essential life activities including learning. Overview of the provision of community and college support services available for students with disabilities. Provides opportunity to assist in the physical and academic adaptation of students with disabilities to the community college environment. Grades are P/NP.

LEARN 70 Supplemental Instruction 1 unit
18 lecture hours
Corequisite: Enrolled in a General Education course. Effective Study strategies for preparing for course exams and successfully completing class projects for a targeted general education course. Targeted courses are identified each session.

LEARN 102 Academic Strategies 2 units
36 lecture hours
Designed especially for students with disabilities and others who have difficulty learning by traditional methods. Opportunity provided for self-analysis, acquisition, and application of learning strategies through a hands-on approach with guided practice. Strategies included: time management, organization, memory, listening, note taking, textbook reading, and test preparation. Emphasis on self-advocacy and use of appropriate accommodations, including assistive technology. Recommendation: Basic reading/writing skills, familiarity with computers, and a readiness for college participation. Grades are P/NP.

LEARN 115 Academic Strategies 2 units
36 lecture hours
Designed especially for students with disabilities who have difficulty learning by traditional methods. Opportunity provided for self-analysis, acquisition, and application of learning strategies through a hands-on approach with guided practice. Strategies included: time management, organization, memory, listening, note taking, textbook reading, and test preparation. Emphasis on self-advocacy and use of appropriate accommodations, including assistive technology. Recommendation: Basic reading/writing skills, familiarity with computers, and a readiness for college participation. Grades are P/NP.

LEARN 118 Workforce Reading/Writing Skills 3 units
36 lecture hours, 54 lab hours
Designed for students with learning differences and/or a history of difficulty developing basic reading/writing skills. Reinforcement of basic skills in written language in preparation for entering the workforce. Emphasis on discussion of full-length feature film reading comprehension and writing profitability typically needed for success in vocational and/or entry level employment. Will incorporate use of assistive computer technology. Grades are P/NP.
LEARN 156 Intermediate Assistive Technology 1 unit 9 lecture hours, 27 lab hours Designed for students with disabilities in need of assistive technology to enhance access to college materials and improved efficiency on academic tasks. Registration for students independent in use of assistive 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 172 Real Life Math 1 unit 9 lecture hours, 45 lab hours Developmental sequence of increasing difficulty in mathematical computations as they apply to real life situations focusing on addition, subtraction, division, multiplication, fractions, percentages, and decimals. Grades are P/NP.

LEARN 174 Basic Math Facts and Operations 3 units 36 lecture hours, 54 lab hours Mastery of basic mathematical facts of addition, subtraction, multiplication, and division. Basic operations with whole numbers; and addition and subtraction of like fractions. Grades are P/NP.

LEARN 175 Workforce Mathematics 3 units 36 lecture hours, 54 lab hours Designed for students with learning differences and a history of difficulty in mathematics. Review of basic math skills in preparation for the workforce and/or career technical education. Emphasis on math calculations and situational word problems encountered in vocational employment. Grades are P/NP.

LEARN 180 Reading and Writing Development 3 units 54 lecture hours Designed especially for students with disabilities and others 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, understanding sentence/paragraph structure, building skills in mechanics of writing, and expanding vocabulary. This class will incorporate 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 0.5 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 accommodations may be considered based on testing information using step-by-step guidelines mandated by the California Community College system. Grades are P/NP.

LIBSC 1 Basic Research Skills 1 unit 18 lecture hours Transferable to CSU/E In this course students acquire beginning information literacy skills necessary to conduct academic or personal research. It provides a step-by-step guide to the research process that is applicable to term papers, course work, and life-long learning. Emphasis on developing effective search strategies, selecting information tools, locating and retrieving information sources, analyzing and critically evaluating information, and using information. (L)
Levels of Learning

(M,L,C) - College level language, math and/or computer skills advised.

Programs and Courses

MFGT 35 Computer Aided Manufacturing
36 lecture hours, 54 lab hours
Transferable to CSU
The use of a CAD (computer aided manufacturing) software system to learn about Features, solids, geometry, and surfaces in the production of parts through the use of a CNC lathe and milling machine. (L,M)

MFGT 60 Problems in Manufacturing Technology
18 lecture hours, 54 lab hours
Transferable to CSU
Analysis of special problems not offered in the general curriculum. This course allows for further study in specialized areas of manufacturing technology and welding technologies. (L,M)

MFGT 62 Advanced Machine Shop
36 lecture hours, 54 lab hours
This is an advanced course in machining, which encompasses tool and fixture design using a turret lathe and a tracing lathe. Concepts that will also be covered are aspects of surface grinding and EDM machining. (L)

MFGT 63 Machine Construction & Repair
36 lecture hours, 54 lab hours
Machine tool construction and repair, based upon the refurbishing of a machine tool like a lathe or a milling machine. Emphasis will be placed on returning a machine tool to a production status that is out of tolerance. (L,M)

MARKETING (see Business)

Mass Communications

MASS COMMUNICATIONS (Associate in Arts)

Required Courses

MCOMM 5 Electronic Movie Making 3
MCOMM 6 Sound Recording and Production 3
MCOMM 8 Introduction to Media Writing 3
MCOMM 15 Field Video Production 3
MCOMM 17 Television Remote Production 3

Total units required for degree major 18

MASS COMMUNICATIONS (Certificate of Achievement)

Required Courses

ART 31 Basic Photography 3
MCOMM 4 Studio Video Production 3
MCOMM 5 Electronic Movie Making 3
MCOMM 6 Sound Recording/Production 3
MCOMM 8 Introduction to Media Writing 3
MCOMM 15 Field Video Production 3
MCOMM 17 Television Remote Production 3

Minimum units required 21

MCOMM 2 Introduction to Mass Communications 3
54 lecture hours
Transferable to CSU/UC
Survey of the principles, functions, and services of media in an information and communication oriented society; emphasis on history, economics, technologies, and the process of communication, as well as the social impact of print media, broadcasting and motion pictures. (L)

MCOMM 4 Studio Video Production 3
36 lecture hours, 54 lab hours
Transferable to CSU
Semitechnical operation and creative use of television studio equipment; techniques of production, use of cameras, lighting, sound, titling, and video recording. (L)

MCOMM 5 Electronic Movie Making 3
36 lecture hours, 54 lab hours
Transferable to CSU/UC
Introduction to electronic movie making; use of visual communication and personal experience to invoke emotion, to share ideas, and to construct persuasive visions of reality through electronic movie making. (L)

MCOMM 6 Sound Recording and Production 3
36 lecture hours, 54 lab hours
Transferable to CSU
Introduction to the tools and techniques of audio production: operation of audio control equipment for radio, television, film, and studio recordings. Recommended: ability to work in a technical environment and operate audio/video equipment in the field. (L)

MCOMM 8 Introduction to Media Writing 3
54 lecture hours
Prerequisite: ENGL 51 or ENGL 1A
Transferable to CSU
An introduction to the styles and script formats used in writing for the media. Practice is provided in writing proposals, treatments, storyboards, and scripts for radio, film making, television programs. (L)

MCOMM 14 Advanced Studio Video Production 3
36 lecture hours, 54 lab hours
Prerequisite: MCOMM 4
Transferable to CSU
Advanced technical operation and creative use of television studio equipment. Techniques of production, use of cameras, lighting, sound, titling, video recording, and video switching effects.

MCOMM 15 Field Video Production 3
36 lecture hours, 54 lab hours
Prerequisite: MCOMM 5
Transferable to CSU
Advanced creative use of studio and electronic field video production. Includes scripting, writing, directing, reporting, videography, and non-linear post-production using industry level software. (L)

MCOMM 17 Television Remote Production 3
36 lecture hours, 54 lab hours
Transferable to CSU
Advanced technical operation and creative use of television programs. Much of class time is devoted to “on location” production. (L)

MCOMM 19 News Writing and Reporting 3
54 lecture hours
Prerequisite: ENGL 1
Transferable to CSU/UC
Recognizing, gathering, and writing the news in accepted journalistic style, learning to conduct personal interviews and cover speeches, meetings, and other events, understanding the legal and ethical issues related to reporting; emphasis on language and style, accuracy in news gathering, and research and organization of various types of stories. Not open for credit to students with credit in ENGL 19. (L)

MCOMM 20A News Media Production 1 3
27 lecture hours, 81 lab hours
Prerequisite: ENGL 51 or eligibility for ENGL 1A
Transferable to CSU
Weekly production of the Yuba College student online news source and quarterly production of the Yuba College student news magazine. Students will learn journalistic standards, media ethics, researching, reporting, writing, and copy editing for specialized and in-depth news stories, features, and opinion; advanced development and design for both print and online publications, and editorial leadership. Not open for credit to students with credit in ENGL 20A. (L)

MCOMM 20B News Media Production 2 3
27 lecture hours, 81 lab hours
Prerequisite: MCOMM 20A or ENGL 20A
Transferable to CSU
Weekly production of the Yuba College student online news source and quarterly production of the Yuba College student news magazine. Students will learn journalistic standards, media ethics, researching, reporting, writing, and copy editing for specialized and in-depth news stories, features, and opinion; advanced development and design for both print and online publications, and editorial leadership. Not open for credit to students with credit in ENGL 20B. (L)

MCOMM 20C News Media Production 3 3
27 lecture hours, 81 lab hours
Prerequisite: MCOMM 20B or ENGL 20B
Transferable to CSU
Weekly production of the Yuba College student online news source and quarterly production of the Yuba College student news magazine. Students will learn journalistic standards, media ethics, researching, reporting, writing, and copy editing for investigative news stories, features, and opinion; journalistic use of multimedia, and social media, and editorial leadership. Not open for credit to students with credit in ENGL 20C. (L)

MCOMM 40 Introduction to Online Learning 1
18 lecture hours
Transferable to CSU
This course is designed to familiarize students with the online learning environment and prepare them to successfully complete an online course. Students will be introduced to the technology, the online environment, and managing an online course. Topics include hardware and software requirements, problem-solving online issues, using additional software to review or submit class assignments, effective online communication skills and strategies, online assessment tools, critical thinking in the online environment, ethical behavior, and emerging learning technologies. Not open for credit to students with credit in EDUC 40. Grades are P/NP.
Mathematics

Mathematics (Associate in Science)

Required Courses

Units

MATH 1A Single Variable Calculus I -- 5 units
Early Transcendentals

MATH 1B Single Variable Calculus II -- 4 units
early Transcendentals

C-ID MATH 220

A second course in differential and integral calculus of a single variable; integration; techniques of integration; infinite sequences and series; polar and parametric equations; applications of integration. Primarily for science, technology, engineering & mathematics majors. (L,M)

MATH 1C Multivariable Calculus 4 units

72 lecture hours

Prerequisite: MATH 1B

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: 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: 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, eigenvectors, 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: MATH 52 or MATH 52B

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: MATH 52

Transferable to CSU/UC

C-ID MATH 151

College level course in algebra for majors in science, technology, engineering, and mathematics. Topics include polynomial, rational, radical, exponential, absolute value, and logarithmic functions, systems of equations, theory of polynomial equations, and analytic geometry. (L,M)

MATH 20 College Algebra 4 units

72 lecture hours

Prerequisite: MATH 52 or MATH 52B or a satisfactory score on the mathematics placement test.

Transferable to CSU/UC - UC Unit Limit

C-ID MATH 19

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 21 Plane Trigonometry 3 units

54 lecture hours

Prerequisite: MATH 52 or MATH 52B

Transferable to CSU/UC

C-ID MATH 20

Linear functions, systems of linear equations and inequalities, matrices, linear programming, mathematics of finance, sets and Venn diagrams, mathematical reasoning techniques and an introduction to probability. Applications in business, economics and social sciences. (L,M)

MATH 50 Elementary Algebra 4 units

72 lecture hours

Prerequisite: MATH 111 or Placement Exam Score.

Introductory algebra. Topics include: signed numbers, graphing, linear equations, quadratic equations, and systems of linear equations in two variables. (L)

MATH 50A Elementary Algebra 3 units

First Half

54 lecture hours

Prerequisite: MATH 111 or Placement Exam Score.

Introductory algebra. Topics include: signed numbers, graphing, linear equations, and introduction to functions. Designed for a wide variety of students, including those who have been unsuccessful in Math 50, are math anxious, or desire a slower paced, year-long version of Math 50. Intended to provide students with additional exposure to algebraic concepts and additional time to practice them. It is the first half of Elementary Algebra and, together with Math 50B, is equivalent to Math 50 for courses that require Math 50 as a prerequisite. (L,M)

(LMC) - College level language, math and/or computer skills advised.
MATH 50B Elementary Algebra 3 units
54 lecture hours
54 lecture hours
Prerequisite: MATH 50A Elementary Algebra
Introductory plane geometry, the study of geometric
relationships in the plane from inductive and deductive
viewpoints. Satisfies the university admission requirements
for high school plane geometry. (L,M)

MATH 52 Intermediate Algebra 4 units
72 lecture hours
Prerequisite: MATH 50B
Fundamental operations of algebra; linear and quadratic
equations and inequalities; exponents and polynomials;
radicals, rational expressions, and fractional exponents; graph
of a straight line; linear and quadratic system of equations;
conic sections; exponential and logarithmic functions. (L,M)

MATH 52A Intermediate Algebra 3 units
First Half
54 lecture hours
Prerequisite: MATH 50 or equivalent
Introductory algebra. Topics include: factoring polynomials,
rationals, exponents, radicals, inequalities, absolute values,
and algebraic concepts and additional time to practice them.
This course is the second half of Intermediate Algebra. Math 52A
is equivalent to MATH 50A for courses that require Math 52 as a prerequisite. Math 50B is also suitable for students
who desire to review the latter part of Math 50 before taking
Math 52. (L)

MATH 52B Intermediate Algebra 3 units
Second Half
54 lecture hours
Prerequisite: MATH 52A or equivalent
Introductory algebra. Topics include: quadratic equations
and functions, exponential and logarithmic functions, conic
sections, systems of equations, absolute values, systems of linear
equations, composition of functions, and variation. Designed for a wide variety of students, including those who have been unsuccessful in Math 52, who are math anxious, or desire a slower paced, year-long version of Math 52. Intended to provide students with additional exposure to algebraic concepts and additional time to practice them. This course is the second half of Intermediate Algebra. Math 52A and Math 52B must both be taken to be equivalent to Math 52 for courses that require Math 52 as a prerequisite, or to meet a degree requirement. (L,M)

MATH 54 Quantitative Reasoning 3 units
54 lecture hours
Prerequisite: MATH 50B
Interpretation of and reasoning with quantitative information.
Coverage of logic: units analysis; uses and abuses of
percentages, ratios, and indices; financial management;
and statistics. This course satisfies the AA and AS degree
requirement but does not satisfy the prerequisite for a
transferable math course. (L,M)

MATH 100 Arithmetic for College Students 3 units
54 lecture hours
Whole numbers, fractions, mixed numbers, and decimals.
Concepts of prime and composite numbers, and prime
factorization; ratio, proportion, percent; rounding and estimating
sums, differences, products, and quotients. Applications and
the reasonableness of answers are stressed. Concepts,
language usage, and reasoning skills are emphasized. (L)

MATH 110 Prealgebra 4 units
72 lecture hours
Seeks to develop algebraic thinking. Topics include: operations
on the rational numbers; exponents; the order of operations;
the real numbers and their decimal number representation;
the field axioms; introduction to algebra; graphing in two
dimensions; percent, ratio, proportion, basic geometry;
conversion of units; and problem solving using equations. (L)

METALWORKING-WELDING (see Welding)
### Programs and Courses

**MUSIC 1D** Theory Skills  
1 unit  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 1C  
Corequisite: MUSIC 1B or MUSIC 2A 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-reading; analysis; and dictation. Required of all music majors and minors.

**MUSIC 1E** Keyboard Harmony I  
1 unit  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 41A  
Corequisite: 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 1F** Advanced Harmony 3 units  
54 lecture hours  
Prerequisite: MUSIC 1B  
Corequisite: MUSIC 1D or MUSIC 2C or MUSIC 2D  
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, sequence, modulations, change of mode (borrowed chords), Neapolitan sixth and augmented sixth chords. Required of all music majors. (L)

**MUSIC 2A** Advanced Theory Skills  
1 unit  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 2C  
Corequisite: 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-and sight-reading, analysis, and melodic and harmonic dictation. Required of all major students. (L)

**MUSIC 2B** Theory Skills  
1 unit  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 2C  
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 2C** Advanced Theory Skills  
1 unit  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 1D  
Corequisite: 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-and sight-reading, analysis, and melodic and harmonic dictation. Required of all major students. (L)

**MUSIC 2D** Theory Skills  
1 unit  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 2C  
Transferable to CSU/UC  
C-ID MUS 155  
Intermediate keyboard application of music theory for music majors. The course prepares students toward piano proficiency exams required at transferring universities.

**MUSIC 2E** Keyboard Harmony II  
1 unit  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 1B and MUSIC 1E  
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 music in relation to the humanities; music and composers of the western world from medieval to the 20th century. Not open for credit to students with credit in HUMAN 13. (L)

**MUSIC 3A** Music History 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 antiquity to the early Baroque. Intended for the music major. The ability to read music notation is essential. Extensive listening to recorded examples required.

**MUSIC 3B** Music History 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. May be intended for the music major. The ability to read music notation is essential. Extensive listening to recorded examples required.

**MUSIC 4A** Music History 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. May be intended for the music major. The ability to read music notation is essential. Extensive listening to recorded examples required.

**MUSIC 12** Jazz Appreciation 3 units  
54 lecture hours  
Transferable to CSU/UC  
General survey of jazz from its original and early development to the present day; extensive listening to recorded and live performance supports the lecture material. Not open for credit to students with credit in HUMAN 12. (L)

**MUSIC 14A** Conducting 1 36 lecture hours, 9 lab hours  
Prerequisite: MUSIC 1C and MUSIC 1D  
Transferable to CSU/UC  
The study of style and technique of conducting with emphasis on clear baton technique, interpretation, and score analysis. (L)

**MUSIC 15** Popular Music in the United States 3 units  
54 lecture hours  
Transferable to CSU/UC  
A survey of popular music in the United States from about 1800 to present. Covers American Civil War songs, ragtime, blues, Irish and Yiddish songwriting, musical theater, country music, Latin music styles, rock, and current trends. Not open for credit to students with credit in HUMAN 15. (L)

**MUSIC 16** World Music 3 units  
54 lecture hours  
Transferable to CSU/UC  
An introduction to music as experienced through various world cultures, including but not limited to, Asia, India, the Middle East, Africa, Australia, and South America. Subcultures, such as Native American music and Ethnic North American music are also studied. (L)

**MUSIC 17** Music as Culture 3 units  
54 lecture hours  
Transferable to CSU/UC  
A search of better understanding of what gives music meaning. Experiences 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. Not open for credit to students with credit in HUMAN 17. (L)

**MUSIC 18** Rock Music History 3 units  
54 lecture hours  
Transferable to CSU/UC  
A search of better understanding of what gives music meaning. Experiences 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. Not open for credit to students with credit in HUMAN 17. (L)

**MUSIC 30AR** Applied Skills: Woodwinds 1 unit  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 23A or Consent of Instructor.  
Transferable to CSU/UC  
Application of theory and harmony skills to original music composition. Composing art music for piano, voice or other instruments. (Repeatable: May be taken four times only.)

**MUSIC 30ER** Applied Skills: Composition 1 unit  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 23A or Consent of Instructor.  
Transferable to CSU/UC  
Application of theory and harmony skills to original music composition. Composing art music for piano, voice or other instruments. (Repeatable: May be taken four times only.)

**MUSIC 30DR** Applied Skills: Percussion 1 unit  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 23A or Consent of Instructor.  
Transferable to CSU/UC  
Application of theory and harmony skills to original music composition. Composing art music for piano, voice or other instruments. (Repeatable: May be taken four times only.)

**MUSIC 35ER** Applied Skills: Strings 1 unit  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 23A or Consent of Instructor.  
Transferable to CSU/UC  
Improvement of technical facility, musicianship and performing aspects of a brass instrument. For music majors with a concentration in either trumpet, French horn, trombone, euphonium or tuba. (Repeatable: May be taken four times only.)

**MUSIC 38A** Community Jazz Ensemble 1 unit  
9 lecture hours, 27 lab hours  
Transferable to CSU/UC  
Study and performance of Jazz music literature. Graduates are GRP and PNP. (Repeatable: May be taken four times only.)

**MUSIC 304AR** Applied Skills: Woodwinds 1 unit  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 1C or MUSIC 1D or MUSIC 2C or MUSIC 2D, or consent of instructor.  
Other: Previous performance experience helpful.  
Transferable to CSU/UC  
Improvement of technical facility, musicianship and performing aspects of a woodwind instrument. For music majors with a concentration in either flute, oboe, clarinet, saxophone, or bassoon. (Repeatable: May be taken four times only.)

**MUSIC 36AR** Applied Skills: Brass 1 unit  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 1C or MUSIC 1D, or MUSIC 2C, or MUSIC 2D, or consent of instructor.  
Other: Previous performance experience helpful.  
Transferable to CSU/UC  
Improvement of technical facility, musicianship and performing aspects of a brass instrument. For music majors with a concentration in either trumpet, French horn, trombone, euphonium or tuba. (Repeatable: May be taken four times only.)

**MUSIC 38A** Community Jazz Ensemble 1 unit  
9 lecture hours, 27 lab hours  
Transferable to CSU/UC  
Study and performance of Jazz music literature. Graduates are GRP and PNP. (Repeatable: May be taken four times only.)

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### Programs and Courses

**MUSIC 30GR**  
Applied Skills: Classical Guitar  
9 lecture hours, 27 lab hours  
Corequisite: MUSIC 1C or MUSIC 1D, or MUSIC 2C, or MUSIC 2D, or consent of instructor.  
Other: Previous performance experience helpful.  
Transferable to CSU/UC  
Improvement of technical facility, musicianship and performing aspects of the Classical Guitar. Repeatable: May be taken four times only.)

**MUSIC 31R**  
Applied Skills-Piano  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 42 or equivalent.  
Other: Theory, Music History  
Transferable to CSU/UC  
Individualized instruction in advanced piano literature with emphasis on improvement of technical facility, musicianship, and performance. For music major with a piano concentration. (Repeatable: May be taken four times only) (L)

**MUSIC 32R**  
Applied Skills-Piano  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 40D or equivalent.  
Corequisite: MUSIC 34R or MUSIC 54R or MUSIC 554  
Transferable to CSU/UC  
Individualized instruction in vocal techniques, tone production, breathing, diction, and their application to the art song repertoire. One hour per week in the Music Lab required. Required of vocal music majors. (Repeatable: May be taken four times only) (L)

**MUSIC 33R**  
Chamber Singers  
1 unit  
36 lecture hours, 54 lab hours  
Other: By audition only  
Transferable to CSU/UC  
Small vocal ensemble; study, preparation and performance of sacred and secular music from Renaissance through contemporary period in style. Audition is required. (Repeatable: May be taken four times only) (L)

**MUSIC 34R**  
Concert Choir  
1 unit  
9 lecture hours, 27 lab hours  
Transferable to CSU/UC  
Study, rehearsal and performance of the standard choral literature from various style periods and cultures. (Repeatable: May be taken four times only) (L)

**MUSIC 35**  
Beginning Guitar  
v1-2 units  
9 lecture hours, 27 lab hours (1 unit)  
27 lecture hours, 27 lab hours (2 units)  
Transferable to CSU/UC  
Basic guitar technique with an emphasis on melody and chording.

**MUSIC 36**  
Intermediate Guitar  
v1-2 units  
9 lecture hours, 27 lab hours (1 unit)  
27 lecture hours, 27 lab hours (2 units)  
Prerequisite: MUSIC 35  
Transferable to CSU/UC  
Intermediate guitar technique with an emphasis on melody and chording.

**MUSIC 36A**  
Intermediate Guitar  
1 unit  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 35  
Transferable to CSU  
Intermediate guitar technique with an emphasis on melody and chording.

**MUSIC 36B**  
Intermediate Guitar  
1 unit  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 36A  
Transferable to CSU  
Intermediate guitar technique with an emphasis on melody and chording.

**MUSIC 36C**  
Intermediate Guitar  
1 unit  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 36B  
Transferable to CSU  
Intermediate guitar technique with an emphasis on melody and chording.

**MUSIC 40A**  
Elementary Voice  
1 unit  
9 lecture hours, 27 lab hours  
Transferable to CSU/UC  
Group instruction in vocal techniques, tone production, breathing, diction, and their application to the art song repertoire; English, Italian, or French diction emphasized. One hour per week in the music lab required. Required of vocal music majors. (L)

**MUSIC 40B**  
Elementary Voice  
1 unit  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 40A or equivalent  
Transferable to CSU/UC  
Group instruction in vocal techniques, tone production, breathing, diction, and their application to the art song repertoire; English, Italian, or French diction emphasized. One hour per week in the music lab required. Required of vocal music majors. (L)

**MUSIC 40C**  
Intermediate Voice  
1 unit  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 40B or equivalent  
Transferable to CSU/UC  
Group instruction in vocal techniques, tone production, breathing, diction, and their application to the art song repertoire; English, Italian, and German diction are emphasized. One hour per week in the Music Lab required. Required of vocal music majors. (L)

**MUSIC 40D**  
Intermediate Voice  
1 unit  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 40C or equivalent  
Transferable to CSU/UC  
Group instruction in vocal techniques, tone production, breathing, diction, and their application to the art song repertoire; English, Italian, and German diction are emphasized. One hour per week in the Music Lab required. Required of vocal music majors. (L)

**MUSIC 41A**  
Elementary Piano  
1 unit  
9 lecture hours, 27 lab hours  
Transferable to CSU/UC  
Elementary piano, covering the fundamentals of keyboard theory, technique, reading, 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 Instructor upon Audition  
Transferable to CSU/UC  
Elementary piano covering the fundamentals of keyboard theory and technique, reading, and ensemble repertoire, and creative activities. (L)

**MUSIC 42**  
Intermediate Piano  
1 unit  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 42A  
Transferable to CSU  
Intermediate 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 I  
1 unit  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 41B or Approval of Instructor upon Audition  
Transferable to CSU  
Group piano class for students with at least one year of concentrated piano study. Emphasis on technique, repertoire, and sight reading skills. (L)

**MUSIC 42B**  
Intermediate Piano II  
1 unit  
9 lecture hours, 27 lab hours  
Prerequisite: MUSIC 42A  
Transferable to CSU  
Group piano class for students with at least one year of concentrated piano study. Emphasis on technique, repertoire, and sight reading skills. (L)

**MUSIC 43R**  
Symphonic Band  
2 units  
18 lecture hours, 54 lab hours  
Transferable to CSU  
Study and performance of band literature in all periods of music. Emphasis on the development of ensemble playing techniques. (Repeatable: May be taken four times only) (L)

**MUSIC 44R**  
Instrumental Chamber Ensembles  
2 units  
19 lecture hours, 54 lab hours  
Transferable to CSU/UC  
Study and performance of chamber music utilizing brass, percussion, string or woodwind instruments in small group ensembles.

**MUSIC 54R**  
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 class hours per week. (L)

### CONDUCTING: Family of Classes

**MUSIC 44A—Conducting I**

**GUITAR: Family of Classes**

**MUSIC 41A—Applied Skills: Classical Guitar**

**MUSIC 41B—Applied Skills: Percussion**

**MUSIC 41C—Applied Skills: Strings**

**MUSIC 41D—Applied Skills: Woodwinds**

**MUSIC 42A—Applied Skills: Brass**

**MUSIC 42B—Applied Skills: Composition**

**MUSIC 42C—Applied Skills: Classical Guitar**

**MUSIC 42D—Applied Skills: Voice**

### INSTRUMENTAL ENSEMBLE/PERFORMANCE: Family of Classes

**MUSIC 31R—Applied Skills-Piano**

**MUSIC 32R—Applied Skills-Piano**

### MUSICAL THEATRE: Family of Classes

**MUSIC 26—Musical Theatre Workshop**

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(L,M,C) - College level language, math and/or computer skills advised.
### Programs and Courses

#### PIANO: Family of Classes

- **Program**: Language, math and/or computer skills.
- **L,M,C**: College level language, math and/or computer skills advised.

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 531</td>
<td>Basic Photography 36 lecture hours, 54 lab hours An exploration into basic camera operation and black and white processing and printing. History and development of photography. Emphasis on personal expression. Adjusted camera preferred. (L)</td>
</tr>
<tr>
<td>ART 532</td>
<td>Intermediate Black and White Photography 36 lecture hours, 36 lab hours Prerequisite: Completion of ART 31R or MCCOM 11 Advanced darkroom processes, zone system, archival processing, print and negative chemical manipulation. Introduction to the large format camera. Discussion and critical analysis of assigned exercises. Field sessions included. (L,M)</td>
</tr>
<tr>
<td>ART 533</td>
<td>Advanced Photography 36 lecture hours, 54 lab hours Prerequisite: Completion or ART 32A and 36B Traditional digital and based photography; further exploration within the student's area of interest. Assignments in creative problem solving with studio lighting &amp; the large format camera. A culminating experience within the department. Preparation of final portfolio. Not open for credit to students with credit in PHOTO 3. (L)</td>
</tr>
<tr>
<td>ART 535</td>
<td>Creative Photo Documentary 36 lecture hours, 54 lab hours Prerequisite: Completion of ART 31R or MCCOM 11R Develop an understanding and appreciation of the photograph as it is used in social and personal commentary. Individual exploration and creativity is encouraged. Not open for credit to students with credit in PHOTO 5. (L)</td>
</tr>
<tr>
<td>ART 536</td>
<td>Digital Photography 36 lecture hours, 54 lab hours Prerequisite: Completion of ART 31 or consent of instructor Introduction to digital photography. Exposure control, file formats, archiving. Basic image editing/manipulation. Knowledge of basic computer operation is highly recommended.</td>
</tr>
<tr>
<td>ART 537</td>
<td>Field Workshop - Black/White Photography 12 lecture hours, 27 lab hours Prerequisite: Completion of concurrent enrollment in ART 31R/MCCOM 11R or ART 31R/MCCOM 11R Advanced location field workshops covering specific topics in black and white photography especially suited for the particular season and geographic location. Projects include black &amp; white imagery, tone production. Plays to be selected from various periods and styles.</td>
</tr>
<tr>
<td>ART 538</td>
<td>Field Workshop - Color Photography/Digital 12 lecture hours, 27 lab hours Prerequisite: Completion or concurrent enrollment in ART 31R/MCCOM 11R or ART 36A Intensive location field workshops covering specific topics in color photography especially suited for the particular season and geographic location. Projects are especially suitable for the particular season and geographic location. Student responsible for cost of meals, lodging, transportation, and materials.</td>
</tr>
</tbody>
</table>

#### VOICE: Family of Classes

- **Program**: Language, math and/or computer skills.
- **L,M,C**: College level language, math and/or computer skills advised.

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 539</td>
<td>Basic Language Development for Beginning English Speakers 9 lecture hours, 27 lab hours Concentration on all language skills--listening, speaking, reading, writing, and grammar--while focusing on everyday life skills. (First in a series of four courses.)</td>
</tr>
<tr>
<td>ART 540</td>
<td>Integrated ESL Skills, Level 1 36 lecture hours, 54 lab hours Other: Completion: Level 1 ESL Courses Basic language development for low-intermediate English speakers. Concentration on all language skills--listening, speaking, reading, writing, and grammar--while focusing on everyday life skills. (Second in a series of four courses.) It corresponds to the credit ESL courses at the High-Beginning and Low-Intermediate levels.</td>
</tr>
<tr>
<td>ART 541</td>
<td>English As a Second Language 27-54 lab hours Supplements all levels of English as a Second Language courses by providing additional practice, exercises and other academic activities in grammar, reading, writing, vocabulary, listening, comprehension, pronunciation, and conversation in a laboratory setting. Students pursue individualized and group instruction under supervision.</td>
</tr>
<tr>
<td>ART 542</td>
<td>Integrated ESL Skills, Level 2 36-90 lecture hours Other: Completion: Level 2 ESL Courses Basic language development for high-intermediate English speakers. Concentration on all language skills--listening, speaking, reading, writing, and grammar--while focusing on everyday life skills. (Third in a series of four courses.) It corresponds to all the credit ESL courses from the low-advanced to high-advanced levels.</td>
</tr>
<tr>
<td>ART 543</td>
<td>Integrated ESL Skills, Level 3 36-90 lecture hours Other: Completion: Level 3 ESL Courses Basic language development for high-intermediate English speakers. Concentration on all language skills--listening, speaking, reading, writing, and grammar--while focusing on everyday life skills. (Fourth in a series of four courses.) It corresponds to all the credit ESL courses from the low-advanced to high-advanced levels.</td>
</tr>
<tr>
<td>ART 544</td>
<td>Integrated ESL Skills, Level 4 36-90 lecture hours Other: Completion: Level 4 ESL Courses Language development for limited English speakers above the intermediate level. Concentration on all language skills--listening, speaking, reading, writing, and grammar. Prepares students to continue college coursework. (Fourth in a series of four courses.) It corresponds to all the credit ESL courses from the low-advanced to high-advanced levels.</td>
</tr>
<tr>
<td>ART 545</td>
<td>Firefighter Physical Ability 1 lecture hour, 3 lab hours Measures the student's ability to perform firefighting job tasks. Measures the student's ability to perform firefighting job tasks. Measures the student's ability to perform firefighting job tasks. Measures the student's ability to perform firefighting job tasks.</td>
</tr>
<tr>
<td>ART 546</td>
<td>Supervised Tutoring 162 lab hours Individualized and group assistance in specific courses.</td>
</tr>
</tbody>
</table>

#### Non-Credit Classes

- **AJ 500**: Special Topics in Administration of Justice 1 lecture hour Specialized instruction designed to meet the needs of law enforcement, corrections, and emergency service agencies. Includes a variety of topics that satisfy the continuing education requirements set forth by the State of California for Peace Officers Standards of Training and Standards of Training for Corrections or Agencies needs.

<table>
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<tr>
<th>Class</th>
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</thead>
<tbody>
<tr>
<td>ART 504</td>
<td>Drawing and Composition 27 lecture hours, 81 lab hours Drawing and composition using various materials. Basic instruction in perspective, landscape, still life, and other subjects.</td>
</tr>
<tr>
<td>ART 505</td>
<td>Painting 27 lecture hours, 81 lab hours Basic instruction in painting and introduction to materials. Emphasis on technique and on painting from life.</td>
</tr>
<tr>
<td>ART 506</td>
<td>Ceramics 9 lecture hours, 27 lab hours Basic techniques and processes; artistic and creative expression through the use of clay. (L)</td>
</tr>
<tr>
<td>ART 507</td>
<td>Materials and Processes 54 lab hours An additional laboratory experience for those interested in further refining and development concepts attained in regular course offerings in the photography emphasis in fine art. Concurrent enrolment or completion of ART 31R.</td>
</tr>
</tbody>
</table>

### Integrated ESL Skills

<table>
<thead>
<tr>
<th>Level</th>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 1</td>
<td>ESL 510</td>
<td>Integrated ESL Skills, Level 1 36 lecture hours, 54 lab hours Basic language development for beginning English speakers. Concentration on all language skills--listening, speaking, reading, writing, and grammar--while focusing on everyday life skills. (First in a series of four courses.) It corresponds to all the Beginning and Beginning ESL credit courses.</td>
</tr>
<tr>
<td>Level 2</td>
<td>ESL 520</td>
<td>Integrated ESL Skills, Level 2 36-90 lecture hours Other: Completion: Level 1 ESL Courses Basic language development for low-intermediate English speakers. Concentration on all language skills--listening, speaking, reading, writing, and grammar--while focusing on everyday life skills. (Second in a series of four courses.) It corresponds to all the credit ESL courses at the High-Beginning and Low-Intermediate levels.</td>
</tr>
<tr>
<td>Level 3</td>
<td>ESL 526L</td>
<td>English As a Second Language 27-54 lab hours Supplements all levels of English as a Second Language courses by providing additional practice, exercises and other academic activities in grammar, reading, writing, vocabulary, listening, comprehension, pronunciation, and conversation in a laboratory setting. Students pursue individualized and group instruction under supervision.</td>
</tr>
<tr>
<td>Level 4</td>
<td>ESL 540</td>
<td>Integrated ESL Skills, Level 4 36-90 lecture hours Other: Completion: Level 3 ESL Courses Language development for limited English speakers above the intermediate level. Concentration on all language skills--listening, speaking, reading, writing, and grammar. Prepares students to continue college coursework. (Fourth in a series of four courses.) It corresponds to all the credit ESL courses from the low-advanced to high-advanced levels.</td>
</tr>
</tbody>
</table>

### Integrated ESL Skills

<table>
<thead>
<tr>
<th>Level</th>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 1</td>
<td>ESL 540</td>
<td>Vocal Techniques 9 lecture hours, 27 lab hours Group instruction in vocal techniques, tone production, breathing, diction, and their application to the art song repertoire. English, Italian and German diction are emphasized. One hour per week in the Music Lab required.</td>
</tr>
<tr>
<td>Level 2</td>
<td>MUSIC 543</td>
<td>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.</td>
</tr>
<tr>
<td>Level 3</td>
<td>MUSIC 544</td>
<td>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.</td>
</tr>
<tr>
<td>Level 4</td>
<td>MUSIC 558</td>
<td>Community Jazz Ensemble 9 lecture hours, 27 lab hours Study and performance of Jazz music literature.</td>
</tr>
<tr>
<td>Level 5</td>
<td>THART 526</td>
<td>Musical Theatre Workshop 162 lab hours Fundamentals of musical theatre performance; singing, acting, dancing, orchestra, and technical stagework. Students may specialize in area of interest. Works to be selected from various periods and styles. Participation in Yuba College production is required.</td>
</tr>
<tr>
<td>Level 6</td>
<td>THART 529</td>
<td>College Theatre 162 lab hours Fundamentals of theatrical performance in all areas of theatre (acting, direction, design, technical) culminating in a theatre production. Plays to be selected from various periods and styles.</td>
</tr>
</tbody>
</table>
Nursing

Nursing is a blend of science, technology, and compassion that allows the registered nurse to provide care in a variety of settings. It is an applied science based upon principles from the biological, physical, and behavioral sciences, as it relates to the diagnosis and treatment of human responses to actual and potential health problems. It includes caring for the sick, prevention of disease, and helping people return to and maintain health. Examples of practice settings include acute care 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 under a career ladder program, for LVN's wishing to advance to the RN level, is also available. Yuba College offers clinical experiences in a variety of health care settings, including acute care hospitals, extended care facilities, home health care, clinics, offices, and schools. 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 videotapes 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, criminal background check, and drug screen.

An estimated breakdown of the minimum start-up costs for a 1st semester ADN student is available on the Nursing Department website (http://nursing.yccd.edu). Registered Nursing regulations, a person convicted of certain offenses may not qualify 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.

Criminal Background and Drug Screening: All students enrolled in nursing and allied 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 affiliating agencies (hospitals, clinics, and schools) in Yuba, Sutter, Sacramento, and Yolo Counties to provide clinical coursework approved by the California Board of Registered Nursing. All nursing applicants and current students must meet the health and safety standards for these clinical agencies at all times. Therefore, students are required to undergo criminal background checks and drug screenings 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 in the Nursing Department (http://nursing.yccd.edu/).

Additionally, in accordance with California Board of Nursing, a 1st semester ADN student is available on the Nursing Department website (http://nursing.yccd.edu/).

Course Repeats: Yuba College Nursing has adopted a single course repeat policy for all nursing students. All coursework must be completed prior to entering the nursing program. 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 in the Nursing Department (http://nursing.yccd.edu/).

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 score and rank program applicants according to a combination of their academic and personal achievements. A detailed description of each criterion, including the 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 have met all of the program’s preadmission requirements.

All prerequisite coursework (or equivalents) must be completed prior to submitting an ADN program application and must earn a grade of “C” or better.

Programs and Courses

PREREQUISITE COURSEWORK:

<table>
<thead>
<tr>
<th>Category</th>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Sciences</td>
<td>BIOL 4 Human Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>Core Sciences</td>
<td>BIOL 5 Human Physiology</td>
<td>4</td>
</tr>
<tr>
<td>Core Sciences</td>
<td>BIOL 6 Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>Core Sciences</td>
<td>ENGL 1A College Composition and Reading</td>
<td>4</td>
</tr>
<tr>
<td>Core Sciences</td>
<td>ENGL 2A OR ENGL 2CH</td>
<td>4</td>
</tr>
<tr>
<td>Core Sciences</td>
<td>SOC1 1 Introduction to Sociology OR SOC1 2 Social Problems OR ANTHR 2 Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>Core Sciences</td>
<td>SPECH 1 Public Speaking OR SPECH 6 Group Discussion</td>
<td>3</td>
</tr>
<tr>
<td>Humanities Elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Computer Use</td>
<td></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 V (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/).
Programs and Courses

ADN Major Requirements: In accordance with the California Code of Regulations, Title 16, Section 14242, all nursing students must comply with the requirements of the California Board of Registered Nursing – Content Required for Licensure. Additionally, in order to progress through the ADN program, all nursing courses must be passed with a “C” (75%) or better (Policy 005.0). The clinical portion of each nursing course is evaluated on a pass/fail basis. Therefore, the final letter grade earned will be derived from the theory portion of each course (Policy 005.1). Students on Financial Aid must note that the Nursing Program does not provide a full unit load of 12 units each semester. This may impact your eligibility for qualifying for Financial Aid. Students should check their status and qualifiers prior to acceptance of the Nursing Program.

First Semester
- Units
  - NURS 1 Fundamentals of Nursing .................................................. 5
  - NURS 14 Seminar 1 ................................................................. 1
  - NURS 56 Nursing Skills Lab (optional) ........................................... (1)

Second Semester
- Units
  - NURS 2 Medical Surgical Nursing II .............................................. 7
  - NURS 12 Nursing Practicum Seminar I .......................................... 1
  - NURS 55 Nursing Skills Lab (optional) ........................................... (1)

Third Semester
- Units
  - NURS 22 Obstetrical Nursing .......................................................... 3.5
  - NURS 56 Nursing Skills Lab (optional) ........................................... (1)

Fourth Semester
- Units
  - NURS 4A Medical-Surgical Nursing IV ............................................ 3.5
  - NURS 14 Seminar 4 (Lab) .............................................................. 1
  - NURS 4B Leadership in Nursing ...................................................... 3
  - NURS 33 Psychiatric/Mental Health Nursing .................................... 4
  - NURS 56 Nursing Skills Lab (optional) ........................................... (1)

LICENSED VOCATIONAL NURSING (LVN) TO REGISTERED NURSING (RN)
CAREER LADDER PROGRAM

Option 1: LVN to ADN (RN plus degree): The LVN to ADN pathway consists of both general education and nursing core courses to prepare students to take the NCLEX, leading to licensure as a registered nurse. Completion of the program qualifies the student to graduate with an ADN from Yuba College and meets the eligibility requirement for the LVN to RN License. LVN to ADN 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 attending day one of their first Yuba College Nursing course. Additionally, LVN to ADN applicants must have graduated from an accredited vocational school of nursing or demonstrated mastery of course content by challenge examination.

Prerequisite Coursework: All prerequisite coursework (or equivalents) must be completed prior to submitting an LVN to ADN program application. All course work must earn a grade of “C” or better.

Prerequisite coursework:
- NURS 30 Pathophysiology: Understanding Disease ......................... 4
- MATH 52 Intermediate Algebra (or higher) ........................................ 4
- Chemistry 2A or ................................................................. 4
- 2B Introductory Chemistry ......................................................... 3
- FCS 10 or HLTH 10 Principles of Nutrition .................................... 3
- PSYCH 1A General Psychology ................................................... 3
- Some LVN to ADN prerequisite courses have their own prerequisite(s). Please refer to the current course description for additional information.

General Education and Support Classes
- Units
  - Social Sciences (minimum 2.50 cumulative GPA required):
    - BIOL 4 Human Anatomy ......................................................... 4
    - BIOL 5 Human Physiology ...................................................... 4
    - BIOL 6 Microbiology .............................................................. 4
    - English (minimum 2.50 GPA required):
      ENGL 1A College Composition and Reading .................................. 4

LVN TO RN ONLY (30-UNIT OPTION)

LVN to RN (30-Unit Option) pathway is a non-degree nursing education alternative. In accordance with California State Regulation 1429, this option allows the student to be eligible to apply for licensure as a registered nurse in California and to take the NCLEX. However, most other states do not recognize California 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) may also be limited. Applicants interested in pursuing the 30-Unit Option should contact the Nursing Department for more information. LVN to RN (30-Unit Option) application materials are available on the Nursing Department website (http://nursing.yccd.edu). An eligibility formula is based upon a combination of individual course GPA in the Core Science and English categories, cumulative GPA for all coursework, and total number of Core Science repeats. This calculation results in a probability percentage for success in the LVN to ADN Career Ladder program. Applicants must score at the 80th percentile or higher to qualify for admission. Additional details regarding this formula are available on the Nursing Department website (http://nursing.yccd.edu).

Preadmission Testing and NURS Prerequisite Courses
- Units
  - 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 attending day one of their first Yuba College Nursing course. Additionally, 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.

Prerequisite Coursework: All prerequisite coursework (or equivalents) must be completed prior to submitting an LVN to RN (30-Unit Option) application and must earn a grade of “C” or better.

LVN to RN (30-Unit Option) pathway is a non-degree nursing education alternative. In accordance with California State Regulation 1429, this option allows the student to be eligible to apply for licensure as a registered nurse in California and to take the NCLEX. However, most other states do not recognize California 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) may also be limited. Applicants interested in pursuing the 30-Unit Option should contact the Nursing Department for more information. 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 attending day one of their first Yuba College Nursing course. Additionally, 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.

Prerequisite Coursework: All prerequisite coursework (or equivalents) must be completed prior to submitting an LVN to RN (30-Unit Option) application and must earn a grade of “C” or better.
NURS 2  Medical Surgical Nursing 1 7 units
72 lecture hours, 162 lab hours
Prerequisite: NURS 18, NURS 11
Corequisite: NURS 52
Transferable to CSU

This course focuses on nursing theory, concepts and skills related to patients with learning needs and health assessment needs. The emphasis of learning for the student is on nursing concepts and safe nursing care of selected clients in selected systems under study. Further emphasis of learning is upon the surgical patient, the patient with wounds, and the patient who is in pain. Computer literacy skills are recommended. (L,M,C)

NURS 3  Medical Surgical Nursing II 5 units
36 lecture hours, 162 lab hours
Prerequisite: NURS 2
Transferable to CSU

This course is designed to provide learning opportunities for in-depth application of the nursing process to the health needs of a selection of acutely ill patients and simulated acutely ill patients. Emphasis is on the application of biophysical and psychosocial knowledge to meet the health care needs of the adult with acute and chronic disorders in selected body systems. Computer literacy skills are recommended. (L,M,C)

NURS 4A  Medical Surgical Nursing IV 3.5 units
36 lecture hours, 81 lab hours
Prerequisite: NURS 3
Transferable to CSU

This course is designed to provide learning and clinical opportunities for in-depth application of the nursing process to the health needs of a selection of acutely ill patients and simulated acutely ill patients. Emphasis is on the application of biophysical and psychosocial knowledge to meet the health care needs of the adult with acute and chronic disorders in selected body systems. (L,M,C)

NURS 4B  Leadership in Nursing 3 units
16 lecture hours, 54 lab hours
Prerequisite: NURS 4A
Transferable to CSU

Focuses on advanced concepts and principles of nursing practice as well as in-depth theory related to selected biophysical and psychosocial needs in a preceptor learning environment. Emphasis is on the management and leadership role of the nurse. Application of management and leadership concepts and skills is provided by selected patient care experiences for students who are assigned to work individually with an RN preceptor in a clinical agency. (L,M,C)

NURS 16  Dosage Calculations for Nurses 1 unit
18 lecture hours
Prerequisite: ENGL 1A and MATH 50
Transferable to CSU

The study of basic math related to nursing with a focus on systems of measurement, methods of administration, dosage calculations, and safe administration to clients in diverse settings. (L,M)

NURS 18  Comprehensive Review for the NCLEX Examination 1 unit
18 lecture hours
Transferable to CSU

Comprehensive review and test taking strategies for the Registered Nurse (RN) Student in Nursing Science, Pharmacology, and Nursing content area’s related to the RN NCLEX Examination. Grades are P/NP. (L)

NURS 20  Introduction to Nursing 1 unit
18 lecture hours
Transferable to CSU

Provides an overview of current nursing roles, responsibilities, and scope of practice as defined by the Board of Registered Nursing in a variety of settings for nursing practice with an emphasis on the roles of being a nursing student and a newly graduated nurse are presented along with study strategies, sources for financial aid, and college and department learning resources to enhance student success. Open to nursing and non-nursing majors. Grades are P/NP. (L,M)

NURS 21  Pediatric Nursing 3.5 units
27 lecture hours, 108 lab hours
Prerequisite: NURS 2
Transferable to CSU

This theoretical and clinical course focuses on the care of children from birth through adolescence. The effects of acute and chronic illness on growth and development are studied in the acute and community care setting. Education of the child and family on health promotion, disease prevention, and safety issues are addressed. Ethical and legal issues are discussed as they relate to the child and family, and the impact of diverse cultural and spiritual beliefs on health care decisions in the family is explored. (L,M,C)

NURS 22  Obstetric Nursing 3.5 units
27 lecture hours, 108 lab hours
Prerequisite: NURS 18, NURS 11
Transferable to CSU

This course focuses on integration and application of the nursing process as it relates to the provision of culturally sensitive nursing care to the childbearing family during pregnancy, birth, the postpartum period, and care of the newborn. Content will also include women’s health across the lifespan, including preventative care and diagnosis and treatment gynecologic disorders. Application of concepts, theory, and clinical skills is provided by selected patient care experiences in a variety of inpatient and outpatient settings. Computer literacy skills are recommended. (L,M)

NURS 25  Pharmacology 3 units
54 lecture hours
Other: Anatomy recommended
Transferable to CSU

Basic principles of pharmacology with focus on pharmacokinetics, pharmacodynamics and related therapeutic implications for major drug categories. This course may be taken by nursing and non-nursing students. (L,M)

NURS 33  Psychiatric/Mental Health Nursing 4 units
36 lecture hours, 108 lab hours
Transferable to CSU

Educates the student to psychiatric and mental health nursing including psychodynamics of human behavior, group-dynamic, therapeutic communication and psychopharmacology, with an emphasis on assessment principles and principles as applied to self and individuals in therapy. The clinical nursing experience involves the application of nursing process, meeting the mental health and psychosocial needs as well as physiological health needs of individuals throughout the life span during one to one interaction with patients, participating in group process, staff conferences and various treatment modalities. (L,M)

NURS 36  Pathophysiology: Understanding Disease 4 units
72 lecture hours
Prerequisite: BIOL 4 and BIOL 5
Transferable to CSU

The study of disease pathology in the human body with a focus on the study of abnormal physiological function of body systems at the cellular level. Correlation to disease etiology and biological and physical manifestations produced by the abnormal physiology. Core course content for NURS 4 through NURS 4B, nursing courses. The content of this course is content required for licensure with the California Board of Registered Nursing. Course is required to be completed prior to formal admission to the Yuba College Nursing Program. Computer literacy skills are recommended. (L,C)

NURS 51  Medical Terminology 3 units
54 lecture hours
Transfers to a select group those studying in the fields of medicine and health care by learning a word-building system for defining, using, spelling, and pronouncing medical words. It is designed for those preparing for a health care career as nursing, medical secretary, ward secretary, emergency medical technician, medical technologist, respiratory therapist, or other fields that require a medical vocabulary. Not open for credit to student with credit RADT 1A. (L)

NURS 55  Psychiatric Skills Lab 1 unit
54 lab hours
Nursing Skills Lab

Designed for nursing students to remediate or update nursing skills related to nursing care to patients via simulation, learn to access health care information via the internet, obtain help with writing skills specific to nursing department requirements and remediate or update math skills relating to calculation of dosages and solutions. Grades are P/NP.

NURS 56  Advanced Nursing Skills Lab 1 unit
54 lab hours
Advanced Nursing Skills Lab

Designed for nursing students in the advanced 2nd year level of instruction to practice and remediate in advanced nursing skills. Includes advanced procedures, technological equipment experience, help with advanced analysis and evaluation of patient care plans, diagnosis and multiple system acute pathologies, activities to promote critical thinking, simulation, and developing complex nursing care plans. Grades are P/NP. (L,M,C)

NUTR 10  Principles of Nutrition 3 units
54 lecture hours
Transferable to CSU/UC

Functions of nutrients in the human body. Nutritional needs of infants, children and adults. Concepts of energy, macronutrients, and micronutrients. Effects of cooking and processing, role and safety of food additives, and meal planning guidelines. Not open for credit to students with credit in HTH10/FCS 10. (L)

PHIL 1  Introduction to Philosophy 3 units
54 lecture hours
Transferable to CSU/UC

Introduces students to the nature and practice of philosophic inquiry by focusing on traditional philosophic issues from a multicultural perspective. Particular emphasis will be given to classic Western philosophers as well as classic Eastern sources. (L)

PHIL 2  Ethics 3 units
54 lecture hours
Transferable to CSU/UC

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, rights ethics, virtue ethics and the good life, and case studies in moral reasoning. (L)
## Programs and Courses

### Philosophy of Religion
- 3 units
- 54 lecture hours
- Transferable to CSU/UC

A philosophical exploration of religious belief and practice, with an emphasis on understanding how the world's major religious traditions -- Eastern and Western -- respond to fundamental issues concerning the ultimate nature of reality. Topics include religion and philosophy, worldviews and religion, metaphysics without God, metaphysics with God, arguments for God's existence, the problem of evil, incarnation and God, God and gender, life after death, religious experience, science and religion, prudential arguments for religious belief, faith and justification, love and the meaning of life. (L)

### Political Philosophy
- 3 units
- 54 lecture hours
- Transferable to CSU/UC

This is an introduction to the major authors and types of political thought. It examines the assumptions and the central issues underlying political thinking (e.g., democracy, fascism, justice, rights, law, liberty, political authority, political principles, consequences, etc.), as presented through classical or contemporary readings. Not open for credit to students with credit in POLSIC 6. (L)

### Critical Thinking
- 3 units
- 54 lecture hours
- Transferable to CSU/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 reconstruction, inductive reasoning, deductive reasoning, underlying assumptions, evaluating assumptions, assumptions and evidence, worldviews as a context for critical thought, evaluating arguments, sound and fallacious reasoning, informal fallacies, causal inference, and scientific method. (L)

### World Religions
- 3 units
- 54 lecture hours
- Transferable to CSU/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)

### Physical Education

#### PHYSICAL EDUCATION

(Associate in Science for Transfer)

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 4 Human Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 5 Human Physiology</td>
<td>4</td>
</tr>
<tr>
<td>LTHM 1 Health and Life Style Choices</td>
<td>3</td>
</tr>
<tr>
<td>PE 20 Introduction to Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>PE 26 Care and Prevention of Athletic Injuries</td>
<td>2</td>
</tr>
<tr>
<td>PE Activity Courses</td>
<td>3</td>
</tr>
<tr>
<td>Total units required for degree major:</td>
<td>20</td>
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</table>

#### KINESIOLOGY

( Associate in Arts for Transfer)

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 20 Introduction to Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 4 Human Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 5 Human Physiology</td>
<td>4</td>
</tr>
<tr>
<td>Choose one course from the following team sport courses (minimum 1 unit):</td>
<td></td>
</tr>
<tr>
<td>PE 1.71 Basketball OR</td>
<td>0.5-2</td>
</tr>
<tr>
<td>PE 1.75 Soccer OR</td>
<td>1-1.5</td>
</tr>
<tr>
<td>PE 1.77 Volleyball-Beginning OR</td>
<td>0.5-2</td>
</tr>
<tr>
<td>PE 1.79 Volleyball-Intermediate</td>
<td>0.5-2</td>
</tr>
<tr>
<td>Choose one course from the following individual sport courses (minimum 1 unit):</td>
<td></td>
</tr>
<tr>
<td>PE 1.25 Badminton OR</td>
<td>0.5-1.5</td>
</tr>
<tr>
<td>PE 1.31 Golf-Beginning</td>
<td>1-2</td>
</tr>
<tr>
<td>Choose one course from the following fitness courses (minimum 1 unit):</td>
<td></td>
</tr>
<tr>
<td>PE 1.21 Aerobic Exercise</td>
<td>0.5-2</td>
</tr>
<tr>
<td>PE 1.22 Step-Aerobics</td>
<td>0.5-2</td>
</tr>
<tr>
<td>PE 1.57 Weight Training</td>
<td>0.5-2</td>
</tr>
<tr>
<td>Select two courses (minimum 6 units) from the following courses:</td>
<td></td>
</tr>
<tr>
<td>CHEM 1A General Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>LTHM 3 First Aid and CPR for Kinesiology Majors</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 2A General Physics AND</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 3A General Physics Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>STAT 1 Introduction To Statistical Methods</td>
<td>1</td>
</tr>
<tr>
<td>Total units required for degree major:</td>
<td>20-26</td>
</tr>
</tbody>
</table>

### PE 1.21 Aerobic Exercise

- 5.2 units
- 45 lecture hours, 13.5 lab hours (5 units)
- 9 lecture hours, 27 lab hours (1 unit)
- 13.5 lecture hours, 40.5 lab hours (1.5 units)
- 18 lecture hours, 54 lab hours (2 units)
- 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.

### PE 1.22 Step Aerobics

- 5.2 units
- 45 lecture hours, 13.5 lab hours (5 units)
- 9 lecture hours, 27 lab hours (1 unit)
- 13.5 lecture hours, 40.5 lab hours (1.5 units)
- 18 lecture hours, 54 lab hours (2 units)
- Transferable to CSU/UC - UC Unit Limit

Step aerobic exercise designed to develop and/or maintain cardiovascular fitness and endurance, muscular strength and endurace, flexibility and coordination.

### PE 1.24 Bowling

- 5.2 units
- 45 lecture hours, 13.5 lab hours (5 units)
- 9 lecture hours, 27 lab hours (1 unit)
- 13.5 lecture hours, 40.5 lab hours (1.5 units)
- 18 lecture hours, 54 lab hours (2 units)
- Transferable to CSU/UC - UC Unit Limit

Couloducational bowling: the techniques and skills of bowling, emphasis on fundamentals, rules, and etiquette.

### PE 1.25 Badminton

- 5.1-5 units
- 45 lecture hours, 13.5 lab hours (5 units)
- 9 lecture hours, 27 lab hours (1 unit)
- 13.5 lecture hours, 40.5 lab hours (1.5 units)
- Transferable to CSU/UC - UC Unit Limit

Skills and fundamentals in individual and doubles play with an emphasis on rules and etiquette. Grades are FNP.

### PE 1.26 Body Toning

- 5.1-5 units
- 45 lecture hours, 13.5 lab hours (5 units)
- 9 lecture hours, 27 lab hours (1 unit)
- 13.5 lecture hours, 40.5 lab hours (1.5 units)
- Transferable to CSU/UC - UC Unit Limit

An anaerobic exercise program designed to develop muscle tone throughout the body. Muscle endurance and flexibility is also developed.

### PE 1.27 Fitness Walking/ Jogging

- v-1.2 units
- 9 lecture hours, 27 lab hours (1 unit)
- 13.5 lecture hours, 40.5 lab hours (1.5 units)
- 18 lecture hours, 54 lab hours (2 units)
- 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 health.

### PE 1.30 Golf-Beginning

- v-1.2 units
- 18 lecture hours, 54 lab hours (2 units)
- Transferable to CSU/UC - UC Unit Limit

Fundamental beginning golf skills, etiquette, and history. (L)

### PE 1.31 Golf-Beginning

- v-1.2 units
- 18 lecture hours, 54 lab hours (2 units)
- Transferable to CSU/UC - UC Unit Limit

Fundamental beginning golf skills, etiquette, and history. (L)

### PE 1.33 Advanced Golf

- v-1.2 units
- 18 lecture hours, 54 lab hours (2 units)
- Transferable to CSU/UC - UC Unit Limit

Instruction and practice for advanced golf techniques.

### PE 1.34 Boot Camp Fitness

- v-1.2 units
- 13.5 lecture hours, 40.5 lab hours (1.5 units)
- 18 lecture hours, 54 lab hours (2 units)
- Transferable to CSU/UC - UC Unit Limit

Designed to provide the student with physically intense and challenging fitness class. Training exercise used will include jogging, interval training, obstacle course and a variety of calisthenics designed to build muscular strength and endurance. In addition students will be challenged to understand and apply fitness terminology. Students will train individually, with a partner and/or in a team setting.

### PE 1.36 Yoga

- v-1.2 units
- 45 lecture hours, 13.5 lab hours (5 units)
- 9 lecture hours, 27 lab hours (1 unit)
- 13.5 lecture hours, 40.5 lab hours (1.5 units)
- 18 lecture hours, 54 lab hours (2 units)
- Transferable to CSU/UC - UC Unit Limit

Development of basic Yoga postures, breathing practices, stretching and relaxation. This class is designed for flexibility, decrease stress and improve physical and mental well-being.

### PE 1.37 Club Fitness

- v-1.2 units
- 45 lecture hours, 13.5 lab hours (5 units)
- 9 lecture hours, 27 lab hours (1 unit)
- 13.5 lecture hours, 40.5 lab hours (1.5 units)
- 18 lecture hours, 54 lab hours (2 units)
- Transferable to CSU/UC - UC Unit Limit

Club fitness 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.

### PE 1.41 Self Defense

- v-1.2 units
- 9 lecture hours, 27 lab hours (1 unit)
- 13.5 lecture hours, 40.5 lab hours (1.5 units)
- 18 lecture hours, 54 lab hours (2 units)
- 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.

### PE 1.42 Beginning Dance Techniques

- v-1.2 units
- 9 lecture hours, 27 lab hours (1 unit)
- 13.5 lecture hours, 40.5 lab hours (1.5 units)
- 18 lecture hours, 54 lab hours (2 units)
- Transferable to CSU/UC - UC Unit Limit

Introduction to techniques of various dance style: footwork, swing, mambo, cha-cha, polka, country line.

### PE 1.43 American Style Swing and Latin Dance

- v-1.2 units
- 9 lecture hours, 27 lab hours (1 unit)
- 13.5 lecture hours, 40.5 lab hours (1.5 units)
- 18 lecture hours, 54 lab hours (2 units)
- Transferable to CSU/UC - UC Unit Limit

American Swing and Latin Dancing will include four of the most popular dances: East Coast Swing, Hustle and either Jive or Lindy and four of the most popular Latin dances Cha Cha, Salsa, Samba and Tango.
**Programs and Courses**

<table>
<thead>
<tr>
<th>Program</th>
<th>Description</th>
<th>Units</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 1.55R</td>
<td>Sports Conditioning. 4.5 lecture hours, 13.5 lab hours (5 units). 9 lecture hours, 27 lab hours (1 unit) 13.5 lecture hours, 40.5 lab hours (1.5 units) 18 lecture hours, 54 lab hours (2 units) Transferable to CSU/UC - UC Unit Limit</td>
<td>v.5-2 units</td>
<td>18-27</td>
</tr>
<tr>
<td>PE 1.57</td>
<td>Weight Training v.1-1.5 units</td>
<td>9 lecture hours, 27 lab hours (1 unit) 13.5 lecture hours, 40.5 lab hours (1.5 units) 18 lecture hours, 54 lab hours (2 units) Transferable to CSU/UC - UC Unit Limit Individualized weight training program designed to improve muscular strength and endurance. Emphasis is on lifetime fitness including principles of nutrition, fitness and safety.</td>
<td>v.5-2 units</td>
</tr>
<tr>
<td>PE 1.59</td>
<td>Aerobic Weight Training v.5-2 units</td>
<td>4.5 lecture hours, 13.5 lab hours (5 units) 9 lecture hours, 27 lab hours (1 unit) 13.5 lecture hours, 40.5 lab hours (1.5 units) 18 lecture hours, 54 lab hours (2 units) Transferable to CSU/UC - UC Unit Limit Aerobic 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.</td>
<td>v.5-2 units</td>
</tr>
<tr>
<td>PE 1.61</td>
<td>Basketball v.5-2 units</td>
<td>4.5 lecture hours, 13.5 lab hours (5 units) 9 lecture hours, 27 lab hours (1 unit) 13.5 lecture hours, 40.5 lab hours (1.5 units) 18 lecture hours, 54 lab hours (2 units) Transferable to CSU/UC - UC Unit Limit Techniques and skills of basketball used in preparing for intercollegiate competition.</td>
<td>v.5-2 units</td>
</tr>
<tr>
<td>PE 1.65</td>
<td>Soccer v.1-1.5 units</td>
<td>9 lecture hours, 27 lab hours (1 unit) 13.5 lecture hours, 40.5 lab hours (1.5 units) Transferable to CSU/UC - UC Unit Limit Techniques, skills, rules, conditioning, and drills for soccer.</td>
<td>v.5-2 units</td>
</tr>
<tr>
<td>PE 1.66</td>
<td>Advanced Soccer v.5-1.5 units</td>
<td>4.5 lecture hours, 13.5 lab hours (5 units) 9 lecture hours, 27 lab hours (1 unit) 13.5 lecture hours, 40.5 lab hours (1.5 units) Transferable to CSU/UC - UC Unit Limit Advanced techniques to soccer including skills and conditioning used to prepare for competitive play.</td>
<td>v.5-1.5 units</td>
</tr>
<tr>
<td>PE 1.77</td>
<td>Volleyball-Beginning v.5-2 units</td>
<td>4.5 lecture hours, 15.5 lab hours (5 units) 9 lecture hours, 27 lab hours (1 unit) 13.5 lecture hours, 40.5 lab hours (1.5 units) 18 lecture hours, 54 lab hours (2 units) Transferable to CSU/UC - UC Unit Limit Fundamental skills and techniques for beginning volleyball including: rules of play, officiating, and beginning level offensive and defensive strategies.</td>
<td>v.5-2 units</td>
</tr>
<tr>
<td>PE 1.78</td>
<td>Grass Doubles Volleyball v.5-2 units</td>
<td>4.5 lecture hours, 13.5 lab hours (5 units) 9 lecture hours, 27 lab hours (1 unit) 13.5 lecture hours, 40.5 lab hours (1.5 units) 18 lecture hours, 54 lab hours (2 units) 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.</td>
<td>v.5-2 units</td>
</tr>
<tr>
<td>PE 1.79</td>
<td>Volleyball-Intermediate v.5-2 units</td>
<td>4.5 lecture hours, 13.5 lab hours (5 units) 9 lecture hours, 27 lab hours (1 unit) 13.5 lecture hours, 40.5 lab hours (1.5 units) 18 lecture hours, 54 lab hours (2 units) Transferable to CSU/UC - UC Unit Limit Fundamental skills and techniques for intermediate volleyball, including: rules of play, officiating, and offensive and defensive strategies.</td>
<td>v.5-2 units</td>
</tr>
<tr>
<td>PE 1.81R</td>
<td>Baseball Skills v.5-2 units</td>
<td>4.5 lecture hours, 13.5 lab hours (5 units) 9 lecture hours, 27 lab hours (1 unit) 13.5 lecture hours, 40.5 lab hours (1.5 units) 18 lecture hours, 54 lab hours (2 units) Transferable to CSU/UC - UC Unit Limit Techniques of baseball and conditioning used in preparing for intercollegiate competition. (Repeatable: May be taken four times only.)</td>
<td>v.5-2 units</td>
</tr>
<tr>
<td>PE 1.83R</td>
<td>Basketball Skills - Men v.5-2 units</td>
<td>4.5 lecture hours, 13.5 lab hours (5 units) 9 lecture hours, 27 lab hours (1 unit) 13.5 lecture hours, 40.5 lab hours (1.5 units) 18 lecture hours, 54 lab hours (2 units) Transferable to CSU/UC - UC Unit Limit Techniques of basketball and conditioning used in preparing for intercollegiate competition. (Repeatable: May be taken four times only.)</td>
<td>v.5-2 units</td>
</tr>
<tr>
<td>PE 1.84R</td>
<td>Basketball Skills - Women v.5-2 units</td>
<td>4.5 lecture hours, 13.5 lab hours (5 units) 9 lecture hours, 27 lab hours (1 unit) 13.5 lecture hours, 40.5 lab hours (1.5 units) 18 lecture hours, 54 lab hours (2 units) Transferable to CSU/UC - UC Unit Limit Techniques of basketball and conditioning used in preparing for intercollegiate competition. (Repeatable: May be taken four times only.)</td>
<td>v.5-2 units</td>
</tr>
<tr>
<td>PE 2.07R</td>
<td>Football Skills v.5-2 units</td>
<td>4.5 lecture hours, 13.5 lab hours (5 units) 9 lecture hours, 27 lab hours (1 unit) 13.5 lecture hours, 40.5 lab hours (1.5 units) 18 lecture hours, 54 lab hours (2 units) Transferable to CSU/UC - UC Unit Limit Preparatory skills necessary for intercollegiate competition in football. Development of offensive and defensive systems, including passing, kicking, blocking, and conditioning. (Repeatable: May be taken four times only.)</td>
<td>v.5-2 units</td>
</tr>
<tr>
<td>PE 2.08R</td>
<td>Soccer Skills v.5-2 units</td>
<td>4.5 lecture hours, 13.5 lab hours (5 units) 9 lecture hours, 27 lab hours (1 unit) 13.5 lecture hours, 40.5 lab hours (1.5 units) 18 lecture hours, 54 lab hours (2 units) Transferable to CSU/UC - UC Unit Limit Preparatory skills necessary for intercollegiate competition in soccer. Development in offensive and defensive systems, including passing, kicking, blocking, and conditioning. (Repeatable: May be taken four times only.)</td>
<td>v.5-2 units</td>
</tr>
<tr>
<td>PE 2.09R</td>
<td>Softball Skills - Women v.5-2 units</td>
<td>4.5 lecture hours, 13.5 lab hours (5 units) 9 lecture hours, 27 lab hours (1 unit) 13.5 lecture hours, 40.5 lab hours (1.5 units) 18 lecture hours, 54 lab hours (2 units) Transferable to CSU/UC - UC Unit Limit Techniques of softball and conditioning used in preparing for intercollegiate competition. (Repeatable: May be taken four times only.)</td>
<td>v.5-2 units</td>
</tr>
<tr>
<td>PE 2.11R</td>
<td>Track and Field Skills v.1 unit</td>
<td>9 lecture hours, 27 lab hours Transferable to CSU/UC - UC Unit Limit Techniques and skills of Track and Field used in preparing for participation in intercollegiate competition. (Repeatable: May be taken three times only.)</td>
<td>v.1 unit</td>
</tr>
<tr>
<td>PE 2.13R</td>
<td>Volleyball Skills v.5-2 units</td>
<td>4.5 lecture hours, 13.5 lab hours (5 units) 9 lecture hours, 27 lab hours (1 unit) 13.5 lecture hours, 40.5 lab hours (1.5 units) 18 lecture hours, 54 lab hours (2 units) Transferable to CSU/UC - UC Unit Limit Advanced skills and techniques necessary for competitive volleyball (play including conditioning, rules of play, and advanced offensive and defensive strategies. (Repeatable: May be taken four times only.)</td>
<td>v.5-2 units</td>
</tr>
<tr>
<td>PE 3</td>
<td>Adaptive Physical Ed General Conditioning v.5-2 units</td>
<td>4.5 lecture hours, 13.5 lab hours (5 units) 9 lecture hours, 27 lab hours (1 unit) 13.5 lecture hours, 40.5 lab hours (1.5 units) 18 lecture hours, 54 lab hours (2 units) Transferable to CSU/UC - UC Unit Limit Introduction to adapted physical education for students with disabilities. Provides students with the opportunities to obtain the benefits of improved physical fitness through an individualized program of exercise.</td>
<td>v.5-2 units</td>
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*Transferable to CSU/UC - UC Unit Limit*

*(Repeatable: May be taken four times only.)*
Programs and Courses

**PE 11R** Intercollegiate Basketball - Men  
22.5 lecture hours, 65 lab hours (1 unit)  
45 lecture hours, 130 lab hours (2 units)  
Transferable to CSU-USC - UC Unit Limit  
Preparation for and competition in Intercollegiate Men’s basketball. Coaching techniques and strategies will be implemented. (Repeatable: May be taken four times only.)

**PE 12R** Intercollegiate Track and Field - Men  
22.5 lecture hours, 65 lab hours (1 unit)  
45 lecture hours, 130 lab hours (2 units)  
Transferable to CSU-USC - UC Unit Limit  
Intercollegiate track and field competition for men. (Repeatable: May be taken four times only.)

**PE 15R** Intercollegiate Football  
22.5 lecture hours, 65 lab hours (1 unit)  
45 lecture hours, 130 lab hours (2 units)  
Transferable to CSU-USC - UC Unit Limit  
Preparation for Intercollegiate football competition. Daily practice sessions including intercollegiate competition with other colleges. Practice includes instruction in offensive and defensive systems, instructions with various techniques associated with the positions played either in the offensive or defensive systems, and conditioning. (Repeatable: May be taken four times only.)

**PE 16R** Intercollegiate Soccer - Men  
2 units  
45 lecture hours, 130 lab hours  
Transferable to CSU-USC - UC Unit Limit  
Intercollegiate soccer competition including: shooting, heading, controlling, dribbling, passing, tackling, scoring, goalkeeping. Practice and competition required. (Repeatable: May be taken four times only.)

**PE 17R** Intercollegiate Baseball  
2 units  
45 lecture hours, 130 lab hours (2 units)  
Transferable to CSU-USC - UC Unit Limit  
Preparation for intercollegiate baseball competition. College baseball techniques and strategies performed. Practice and competition required. (Repeatable: May be taken four times only.)

**PE 20** Introduction to Kinesiology  
3 units  
54 lecture hours  
Transferable to CSU-USC  
C-ID KIN 100  
This course is an introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology will be discussed along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions. (L)

**PE 21A** Analysis of Softball: Offense  
2 units  
36 lecture hours  
Transferable to CSU-USC - UC Unit Limit  
Study and analysis of various phases of softball offense, including philosophy, mental approach, hitting, and base running.

**PE 21B** Analysis of Softball: Defense  
2 units  
36 lecture hours  
Transferable to CSU-USC - UC Unit Limit  
Analysis and study of the various phases of softball defense, including philosophy, fielding and pitching.

**PE 22** Analysis of Basketball  
2 units  
36 lecture hours  
Transferable to CSU-USC - UC Unit Limit  
Analysis of offensive and defensive basketball, including strategies and philosophy. Current techniques of shooting, passing, dribbling, passing along with the application of scouting in today’s game of basketball.

**PE 24** Analysis of Football  
3 units  
9 lecture hours (1 unit)  
18 lecture hours (1 unit)  
27 lecture hours (1.5 units)  
36 lecture hours (2 units)  
Transferable to CSU-USC - UC Unit Limit  
Analysis of offensive and defensive football, including philosophy and strategies: current techniques of passing, blocking, and tackling along with practical application of scouting.

**PE 26** Care and Prevention of Athletic Injuries  
3 units  
45 lecture hours, 27 lab hours  
Transferable to CSU-USC  
An introduction to the theory and practices in the care and prevention of athletic injuries. (L)

**PE 28** Analysis of Soccer  
2 units  
36 lecture hours  
Transferable to CSU-USC - UC Unit Limit  
Study and analysis of various phases of soccer, including fundamentals, offensive and defensive strategy, and different soccer styles.

**PE 29A** Analysis of Baseball: Offense  
2 units  
36 lecture hours  
Transferable to CSU-USC - UC Unit Limit  
Study and analysis of various phases of baseball offense, including fundamental skills of hitting and base running. (L)

**PE 29B** Analysis of Baseball: Defense  
2 units  
36 lecture hours  
Transferable to CSU-USC - UC Unit Limit  
Study and analysis of various phases of baseball defense, including fundamental skills of fielding, pitching and positioning. (L)

**PE 31R** Intercollegiate Volleyball - Women  
2 units  
45 lecture hours, 130 lab hours  
Transferable to CSU-USC - UC Unit Limit  
Preparation for intercollegiate volleyball competition. College level game strategies and techniques performed. Practice and competition required. (Repeatable: May be taken four times only.)

**PE 32R** Intercollegiate Basketball - Women  
2 units  
45 lecture hours, 65 lab hours (1 unit)  
45 lecture hours, 130 lab hours (2 units)  
Transferable to CSU-USC - UC Unit Limit  
Preparation for intercollegiate women’s basketball. College level techniques and strategies for competition will be performed. (Repeatable: May be taken four times only.)

**PE 33R** Intercollegiate Softball - Women  
2 units  
45 lecture hours, 130 lab hours  
Transferable to CSU-USC - UC Unit Limit  
Intercollegiate softball competition, individual skills, position play, team play, game strategy. Practice and competition required. (Repeatable: May be taken four times only.)

**PE 35R** Intercollegiate Cross Country - Men  
2 units  
87.50 lab hours (1.5 units)  
175 lab hours (3 units)  
Transferable to CSU-USC - UC Unit Limit  
Preparation for intercollegiate Cross Country competition. College level course strategies and techniques performed. Practice and competition is required. (Repeatable: May be taken four times only.)

**PE 36R** Intercollegiate Track and Field - Women  
2 units  
45 lecture hours, 65 lab hours (1 unit)  
45 lecture hours, 130 lab hours (2 units)  
Transferable to CSU-USC - UC Unit Limit  
Preparation and competition in intercollegiate Track and Field for women. Advanced collegiate techniques and skills will be performed in each event. (Repeatable: May be taken four times only.)

**PE 37R** Intercollegiate Soccer - Women  
2 units  
45 lecture hours, 130 lab hours  
Transferable to CSU-USC - UC Unit Limit  
Intercollegiate soccer competition including: shooting, heading, controlling, dribbling, passing, tackling, scoring and goalkeeping. Practice and competition required. (Repeatable: May be taken four times only.)

*AEROBICS:*

**Family of Classes**

(No more than four classes can be attempted within each family of classes listed below; see page 66 for details.)

**PE 1.21** Aerobic Exercise  
5 units

**PE 1.22** Step Aerobics  
3 units

**PE 1.27** Fitness Walking/Jogging  
1 unit

*BASKETBALL:*

**Family of Classes**

(No more than four classes can be attempted from courses listed below; see page 66 for details.)

**PE 1.71** Basketball  
1 unit

*BODY TONING:*

**Family of Classes**

(No more than four classes can be attempted from course listed below; see page 66 for details.)

**PE 1.26** Body Toning  
3 units

**PE 1.34** Boot Camp Fitness  
3 units

*BOYLING:*

**Family of Classes**

(No more than four classes can be attempted from course listed below; see page 66 for details.)

**PE 1.24** Bowling  
3 units

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*LMC - College level language, math and/or computer skills advised.

2015-2016 Catalog
YOGA:  Family of Classes
(No more than four classes can be attempted from courses listed below.)
See page 66 for details.)
PE 1.36—Yoga


text from page 171
**Political Science**

**POLITICAL SCIENCE**

(Associate in Arts for Transfer)

**Required Courses** & **Units**

- **POLSC 1 Introduction To American Government** 3 units
- **STAT 1 Introduction to Statistical Methods** 4 units
- **POLSC 7** 3 units

**Select three courses (9 units) from the following courses:**

- **HIST 17A United States History OR** 3 units
- **POLSC 1 Introduction To American Government** 3 units

*(Associate in Arts for Transfer)*

**POLITICAL SCIENCE**

**POLSC 6 Political Philosophy** 3 units

*Transferable to CSU/UC C-ID POLS 110*

Survey of American political philosophy, including political thought, society, political thought, etc. Gender, women, and political social change. (L, M)

**POLSC 7** 3 units

*Transferable to CSU/UC C-ID POLS 120*

Constitution(s) portion of California State University Title 5, political institutions will be examined, such as the Congress, the presidency, the courts, and the federal bureaucracy. State and local governments are included. Satisfies California Constitution(s) portion of California State University Title 5, Section 40404. (L, M)

**POLSC 1 Introduction to American Government** 3 units

54 lecture hours

*Transferable to CSU/UC C-ID POLS 120*

This is an introduction to the major authors and types of political thought. It examines the assumptions and the central issues involved in political thought (e.g., democracy, fascism, justice, rights, law, liberty, political authority, political principles, consequences, etc.), as presented through classical or contemporary reading selections. Not open to credit to students with credit in PHL 6. (L, M)

**Psychiatric Technology**

The Psychiatric Technology Program is a four-semester and single-summer session program offered at the Yuba College Campus. The program includes 648 theoretical hours of classroom education, correlated with 956 clinical practicum hours. The subject matter reflects the knowledge and skills specified by Board of Vocational Nursing Psychiatric Technology Education (BVNTE) regulation, rules, and laws. All clinical practicum will be under the supervision of a licensed BVNTE-approved clinical instructor. The curriculum may be periodically revised to reflect the evolution of the profession and BVNTE 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 abuse, and developmentally disabled. Students will be selected on the basis of a special application. Call (530) 741-6788 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 TECHNOLOGY**

(Certificate of Achievement)

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<td>PSYCT 51 Human Development</td>
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<td>PSYCT 52 Nursing Science A</td>
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Programs and Courses

*2015-2016 Catalog*
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PSYCHOLOGY (Associate in Arts for Transfer)

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Total units required for degree major: 18

Programs and Courses

PSYCHOLOGY (Associate in Arts for Transfer)

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Programs and Courses

**Punjabi**

**PSYCH 22** Social Psychology 3 units
54 lecture hours
Transferrable to CSU/UC
This course will examine the emotion, behavior, and cognition of individuals in social situations. Topics can include: social psychology methods, social perception, social cognition, attitudes, persuasion, social identity, gender identity, prejudice and discrimination, interpersonal attraction, close relationships, conformity, compliance, obedience to authority, helping behavior, aggression, attitude processes, and social psychology applications. Multiple perspectives discussed. (L)

**PSYCH 31** Gender and Behavior: Feminine and Masculine Behavior 3 units
54 lecture hours
Transferrable to CSU/UC
Systematic analysis of psychological principles related to gender including biological, social, and cultural perspectives. Not open for credit to student with credit in WOMEN 31. (L)

**PSYCH 33** Personal and Social Adjustment 3 units
54 lecture hours
Transferrable to CSU/UC
C-ID PSY 115
Principles of personality development with emphasis on self-theories and social interaction theories. (L)

**PSYCH 41** Lifespan Development 3 units
54 lecture hours
Transferrable to CSU/UC
C-ID PSY 180
Introduction to the scientific study of human development from conception to death. Examines the interplay of the biological, psychological, social and cultural influences on the developing human being. (L)

**PSYCH 46** Abnormal Psychology 3 units
54 lecture hours
Transferrable to CSU/UC
This course introduces the scientific study of psychopathology, and disorders of behavior as broadly defined. Students will investigate abnormal behavior from a variety of perspectives such as biological, social, and cultural approaches. An interactive view of research in abnormal behavior and intervention and prevention strategies for psychological disorders will also be introduced. (L)

**PSYCH 59J** Stress Management 5 units
9 lecture hours
Cause-and-effect factors of stress, and the skills and strategies individuals or supervisors can use to help cope with stress. Stress as both enemy and ally. May include stress-reduction activities and exercises. Not open for credit to students with credit in QMOT 95J. Grades are P/NP. (L)

**PSYCH 95J** Elementary Punjabi 3 units
54 lecture hours
Transferable to CSU
Development of four basic language skills: speaking, listening, reading, and writing. Emphasis on mastery of material on Punjabi 1 and introduction of the present perfect, past, and future tense. (L)

**PSYCH 95P** Intermediate Punjabi 3 units
54 lecture hours
Transferable to CSU
Continuation of Punjabi 1. Development of four basic language skills: speaking, listening, reading, and writing. Emphasis on mastery of material on Punjabi 1 and introduction of the present perfect, past, and future tense. (L)

**RADT 1** Introduction to Radiologic Technology 4 units
36 lecture hours
Acceptance into RADT Program.
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 extremities. (L,M)

**RADT 2** Radiation Physics 3 units
27 lecture hours
Other: Acceptance into RADT Program.
Knowledge of radiographic systems and equipment design and operation. (L,M)

**RADT 3A** Radiographic Procedures 2.5 units
36 lecture hours
Other: Acceptance into RADT Program.
Knowledge and skills necessary to perform standard radiographic procedures that are of optimal diagnostic quality. "C" or better before or during the indicated semester to progress in the program. (L,M)

**RADT 3C** Radiographic Procedures 2 units
36 lecture hours
Other: Acceptance into RADT Program.
Knowledge and skills necessary to perform advanced radiographic procedures; advanced image critique; advanced imaging modalities. (L,M)

**RADT 5** Principles of Radiation and the Public 3 units
27 lecture hours
Other: Acceptance into RADT Program.
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. (L,M)

**RADT 6A** Radiologic Technology Internship 8 units
27 lecture hours
Other: Acceptance into RADT Program.
Knowledge and skills necessary to perform standard radiographic procedures that are of optimal diagnostic quality. "C" or better before or during the indicated semester to progress in the program. (L,M)

**RADT 6B** Radiologic Technology Internship 4.5 units
12 lecture hours
Other: Acceptance into RADT Program.
Knowledge and skills necessary to perform standard radiographic procedures that are of optimal diagnostic quality. "C" or better before or during the indicated semester to progress in the program. (L,M)

**RADT 7** Advanced Radiologic Studies 1 unit
1-8 lecture hours
Other: Acceptance into RADT Program.
A series of courses designed specifically to meet the needs of practicing radiographers. (L,M)

**RADT 8**Radiographic Technology Internship 6.5 units
20 lecture hours
Other: Acceptance into RADT Program.
Knowledge and skills necessary to perform standard radiographic procedures that are of optimal diagnostic quality. "C" or better before or during the indicated semester to progress in the program. (L,M)

**Yuba College**

**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 (passors) as a California Certified Radiologic Technologist and also the American Registry of Radiologic Technologist which qualifies the graduate (passors) as a California Certified Radiologic Technologist R.T. in Radiology. Since enrollment is currently limited, applications are subject to change each year. Specific information and the application can be found on the website listed above. (L,M)

**RADT 12** Radiologic Technology Board Review 1 unit
1-8 lecture hours
Other: Acceptance into RADT Program.
Knowledge and skills necessary to perform standard radiographic procedures that are of optimal diagnostic quality. "C" or better before or during the indicated semester to progress in the program. (L,M)

**RADT 36** Radiographic Procedures 1 unit
12.5 lecture hours, 12.5 lab hours
Prerequisite: RADT 3C
Knowledge and skills necessary to perform standard radiographic procedures; consideration is given to the production of radiographs of optimal diagnostic quality. (L,M)

**RADT 4** Principles of Rad. Physics & Protection 2 units
36 lecture hours
Other: Acceptance into RADT Program.
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. (L,M)

**RADT 5** Principles of Radiation and the Public 4 units
13.5 lecture hours, 12.5 lab hours
Other: Acceptance into RADT Program.
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. (L,M)

**RADT 6F** Radiologic Technology Internship 1-1.5 units
44.5-51.5 lecture hours
Total units required for degree major: 44.5-51.5

"Courses must be completed with a grade of "C" or better before or during the indicated semester to progress in the program. (L,M)

**Yuba College**

**RADT 9** Sequential of Courses to be completed leading to the Associate in Science Degree must have been earned to receive the Certificate of Completion of the radiologic technology program. All required Radiologic Technology courses and Associate in Science Degree courses must have been earned to receive the Certificate of Achievement. (L,M)

**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 (passors) as a California Certified Radiologic Technologist and also the American Registry of Radiologic Technologist which qualifies the graduate (passors) as a Registered Technologist R.T. in Radiology. Since enrollment is currently limited, applications are subject to change each year. Specific information and the application can be found on the website listed above. (L,M)

**MINIMUM CRITERIA FOR ADMISSION.**

1. High School graduation or equivalent.

2. Completion with a "C" or better grade: Biology 4, Chemistry 4, Mathematics 5 or higher, English 1A, Humanities (course that fulfills area "C" of the General Education requirements), Psychology 1A, and RADT 51A-15B Medical Terminology.

Students are also required to have specific medical examinations, pass a drug screen and background check. (Criteria are subject to change each year.) Specific Information and the application can be found on the website listed above.

Sequence of courses to be completed leading to the Associate in Science Degree in Radiologic Technology:
RADT 6A  Radiologic Technology 3 units  
162 lab hours  
Other: Acceptance into RADT Program. Transferable to CSU.  
Radiologic experience in clinical facilities under the supervision of the college instructor, staff technologists, and radiologist. Development of skills in correlation with current radiologic practices. Rotation in various facilities. Grades are P/NP. (L,M)(LM)  
RADT 6B  Radiologic Technology 8.5 units  
432 lab hours  
Prerequisite: RADT 6A  
Transferable to CSU.  
Radiologic experience in clinical facilities under the supervision of the college instructor, staff technologists, and radiologist. Development of skills in correlation with current radiologic practices. Rotation in various facilities. Grades are P/NP. (L)  
RADT 6C  Radiologic Technology 4.5 units  
243 lab hours  
Other: Acceptance into RADT Program. Transferable to CSU.  
Radiologic experience in clinical facilities under the supervision of the college instructor, staff technologists, and radiologist. Increased development of skills in correlation with current radiologic practices. Rotation in various facilities. Grades are P/NP. (L,M)  
RADT 6D  Radiologic Technology 10 units  
540 lab hours  
Other: Acceptance into RADT Program. Transferable to CSU.  
Continued radiologic experience in clinical facilities under the supervision of the college instructor, staff technologists, and radiologist. Development of enhanced skills in correlation with current radiologic practices. Rotation in various facilities. Grades are P/NP. (L,M)  
RADT 6E  Radiologic Technology 10 units  
540 lab hours  
Other: Radiologic Technology Program Entry  
Transferable to CSU.  
Radiologic experience in clinical facilities under the supervision of the college instructor, staff technologists, and radiologist. Increased development of skills in correlation with current radiologic practices. Rotation in various medical facilities. Grades are P/NP.  

Program of Studies

RADT 6F  Radiologic Technology v.s.4-5.5 units  
Internship – Elective  
27-243 lab hours  
Other: Acceptance into RADT Program. Transferable to CSU.  
Radiologic experience in clinical facilities under the supervision of the college instructor, staff technologists, and radiologist. For those students deficient in clinical hours or competencies. Grades are P/NP. (L)  
RADT 6G  Radiologic Technology v.s.5-1.5 units  
18 lecture hours  
Other: Acceptance into RADT Program. Transferable to CSU.  
Radiologic experience in clinical facilities under the supervision of the college instructor, staff technologists, and radiologist. Development of skills in correlation with current radiologic practices. Rotation in various facilities. Grades are P/NP. (L)  
RADT 7  Advanced Radiographic Pathology 3 units  
Film Critique  
54 lecture hours  
Prerequisite: RADT 7A  
Transferable to CSU.  
Medical Terminology. Pathology and disease. Introduction into the concepts of disease. Pathology and disease, as it relates to various radiographic procedures. Advanced evaluation and critique of radiographs. (3.60) (L)  
RADT 8  Radiographic Pathology and Film Critique 3 units  
54 lecture hours  
Prerequisite: RADT 1  
Transferable to CSU.  
Introduction to the visual-gestural process of sign language.  
Other: Acceptance into RADT Program. Pre-College Reading Skills 3 units  
54 lecture hours  
Prerequisite: READ 105L or as an introductory course to American Sign Language.  
Other: Acceptance into RADT Program; Special Permission by Program Director. Transferable to CSU.  
Summary lectures with testing of the five (5) content areas tested by State of California Radiation Health Branch and the American Registry of Radiologic Technology. Grades are P/NP. (L,M)  

Intensive English Language Course

READ 105  Pre-College Reading Skills 3 units  
54 lecture hours  
Prerequisite: READ 110B w/ passing grade or credit or satisfactory score on placement exam and appropriate skills and knowledge. Emphasis on grammar, vocabulary development, and test reading techniques. Concurrent enrollment in ESLR 105L recommended. Not open to student with credit in READ 105L.  
READ 116A  Academic Reading and Writing for ESL 1 4 units  
72 lecture hours  
Prerequisite: ESL 267 and ESL 268 or Satisfactory score on Placement Exam.  
This course emphasizes the development of basic reading and writing skills including active reading and writing processes, vocabulary development, grammar and mechanics, simple and compound sentences, paragraph development, and small group and whole class work to strengthen basic reading skills.  

Reading and Writing for ESL 1  
72 lecture hours  
Prerequisite: ESL 267 and ESL 268 or Satisfactory score on Placement Exam.  
This course emphasizes the development of basic reading and writing skills including active reading and writing processes, vocabulary development, grammar and mechanics, simple and compound sentences, paragraph development, and small group and whole class work to strengthen basic reading skills.  

Transferable to CSU/UC

Programs and Courses

Programs and Courses

Programs and Courses

REAL ESTATE (see Business)
Programs and Courses

Social Science

SOCIAL SCIENCE (Associate in Arts)

Required Courses

Units

ANTHR 1 Physical Anthropology OR...
C-ID SOCI 115...
3
2 Cultural Anthropology...
3
ECON 1A Elementary Economics-Macro...
3
GEG 1 Physical Geography OR...
3
GEG 2 Cultural Geography...
3
PSYCH 1 General Psychology...
3
SOCI 1 Introduction to Sociology...
3
Any History Class...
18

Total units required for degree major...
18

SOCIL 2

Sociology Problems
3 units

SOCIL 2

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)

SOCIL 5

Sociology of Race & 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)

SOCIL 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 violence and abuse, sexual harassment, hate crimes, wage differentials and unequal opportunities. (L)

SOCIL 8

Social Science Research Methods
3 units

54 lecture hours
Prerequisite: SOCL 1
Transferable to CSU/UC
C-ID SOCI 120
Covers basic issues in the design and implementation of social science research. Topics covered include the scientific method, ethics, research design, basic descriptive and inferential statistics, and qualitative and quantitative methodologies. Completion or current enrollment in STAT 1 strongly advised. (L,M,C)

SOCIL 10

Sociology of Marriage & Family
3 units

54 lecture hours
Prerequisite: SOCL 1
Transferable to CSU/UC
C-ID SOCI 120
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)

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: SPAN 1 with a grade of "C" or better or one year of high school Spanish.
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 cases. 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: SPAN 2 with a grade of "C" or better or two years of high school Spanish.
Transferable to CSU/UC - UC Unit Limit
First of two semesters of intermediate Spanish. This course provides intermediate level of 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: SPAN 3 with a grade of "C" or better or three years of high school Spanish.
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 appropriat e exercises and readings of modern texts of the history, art, geography, literature, and cultural values of the Hispanic peoples are used. The four language skills (listening, writing, reading, and speaking) are further developed through special emphasis on communication. (L)

SPAN 10

Introduction to Spanish
3 units

54 lecture hours
Transferable to CSU
Study of elementary Spanish with an emphasis in proficiency. This course includes grammar, vocabulary, pronunciation, and communication. (L)

SPAN 20A

Spanish for Heritage Students
4 units

72 lecture hours
Transferable to CSU/UC - UC Unit Limit
Reading and writing in Spanish, targeted to Spanish speakers. Readings pertinent to the life and culture of Hispanics in the United States, compositions, exploring personal, political and cultural issues, exams, advanced grammar. Instruction in Spanish. (L)

SPAN 20B

Spanish for Heritage Students
4 units

72 lecture hours
Prerequisite: 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 speakers 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

4 units

Transferable to CSU/UC
Study of representative works of Latin-American literature. Readings, lectures, and discussions of major works in English from the time of Columbus to the Twentieth Century. (L)

SPAN 36

Literatura Hispano-American
3 units

4 units

Prerequisite: Ability to read literature in the Spanish language.
Transferable to CSU/UC
Study of representative works of Latin-American literature. Readings, lectures, and discussions of major works in Spanish from the time of Columbus to the Twentieth Century. Intended for Hispanic and advanced Spanish student. (L)
**Speech**

**COMMUNICATION STUDIES (Associate in Science)**

**Required Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MCOMM 2</td>
<td>Introduction to Mass Communications</td>
<td>3</td>
</tr>
<tr>
<td>SPECH 1</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>SPECH 2</td>
<td>Oral Interpretation of Literature</td>
<td>3</td>
</tr>
<tr>
<td>SPECH 3</td>
<td>Argumentation and Critical Thinking</td>
<td>3</td>
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<tr>
<td>SPECH 4R</td>
<td>Speech Arts Workshop</td>
<td>3</td>
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<tr>
<td>SPECH 5</td>
<td>Small Group Communication</td>
<td>3</td>
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<tr>
<td>SPECH 6</td>
<td>Group Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total units required for degree major**: 21

**COMUNICATION STUDIES (Associate in Art in Communication for Transfer)**

**Required Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>ENGL 51</td>
<td>Introduction to Oral Interpretation</td>
<td>3</td>
</tr>
<tr>
<td>THART 11A</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>THART 12A</td>
<td>Advanced Studies in Acting</td>
<td>3</td>
</tr>
<tr>
<td>THART 29R</td>
<td>Speech Workshop</td>
<td>3</td>
</tr>
<tr>
<td>MCOMM 2</td>
<td>Introduction to Mass Communications</td>
<td>3</td>
</tr>
<tr>
<td>THART 11B</td>
<td>Acting</td>
<td>3</td>
</tr>
<tr>
<td>THART 12B</td>
<td>Advanced Studies in Theatre</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total units required for degree major**: 18

**Programs and Courses**

**SPAN 51** Conversational Spanish v1-3 units

12-24 lecture hours, 15-54 lab hours

Development of oral skills in Spanish with an emphasis on practical phrases for communication in job or social situations. Vocabulary development appropriate for basic interaction as well as for law enforcement, welfare, and other public agencies. Grades are P/NP. (L)

**STATS 1** Introduction to Statistical Methods 4 units

9-18 lecture hours

Transferable to CSU

The use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications using data from disciplines including business, social sciences, psychology, life science, health sciences, and education. (L)
THART 26 Musical Theatre Workshop 3 units
162 lab hours Transferable to CSU,UC
Fundamentals of musical theatre performance; singing, acting, dance, directing, orchestral 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 29 College Theatre v2-3 units
108-162 lab hours Transferable to CSU,UC
Fundamentals of theatrical performance in all areas of theatre (acting, directing, design, technical) culminating in a theatre production. Plays to be selected from various periods and styles. (L)

THART 30 Technical Theatre in Production 3 units
162 lab hours Transferable to CSU,UC
Practical experience in the application of production responsibilities in the following: stage management, construction, scenery, properties, lighting, sound and running crew.

THART 32 Film Studies: Focus on ... 3 units
54 lecture hours Transferable to CSU,UC
Study of a particular director/artist, genre, or national cinema. Students view and discuss full-length feature films; students are expected to be familiar with specific class schedule. (L)

THART 33 History of Film 3 units
54 lecture hours Transferable to CSU,UC
Chronological survey of the motion picture: traces the development of the art, technology, and social importance of film. Also includes review of the 20th century: screenings of significant and representative documentary, and experimental films from the silent to the modern era. Not open to students with credit in HUM 33 or ENGL 33.

MUSICAL THEATRE: Family of Classes

No more than four classes can be attempted within each family of classes listed below. See page 66 for details.

THART 26—Musical Theatre Workshop
THART 11B—Introduction to Acting
THART 12A—Advanced Studies in Acting
THART 12B—Advanced Studies in Acting

THEATRE: Family of Classes

No more than four classes can be attempted within each family of classes listed below. See page 66 for details.

THEATRE PRODUCTION: Family of Classes

No more than four classes can be attempted within each family of classes listed below. See page 66 for details.

THART 45A—Production and Technical Theatre
THART 45B—Production and Technical Theatre

FOUNDBATIONS OF ACTING: Family of Classes

No more than four classes can be attempted within each family of classes listed below. See page 66 for details.

THART 11A—Introduction to Acting
THART 11B—Introduction to Acting
THART 12A—Advanced Studies in Acting
THART 12B—Advanced Studies in Acting

THEATRE TECHNICIAN: Family of Classes

No more than four classes can be attempted within each family of classes listed below. See page 66 for details.

THART 12A—Advanced Studies in Acting
THART 26 or THART 29
THART 32 or THART 33

THART 12B—Advanced Studies in Acting
THART 26 or THART 29
THART 32 or THART 33

MUSICAL THEATRE: Family of Classes

No more than four classes can be attempted within each family of classes listed below. See page 66 for details.

THART 26—Musical Theatre Workshop
THART 11B—Introduction to Acting
THART 12A—Advanced Studies in Acting
THART 12B—Advanced Studies in Acting

THEATRE: Family of Classes

No more than four classes can be attempted within each family of classes listed below. See page 66 for details.

THEATRE PRODUCTION: Family of Classes

No more than four classes can be attempted within each family of classes listed below. See page 66 for details.

THART 45A—Production and Technical Theatre
THART 45B—Production and Technical Theatre

Prerequisite: THART 45A
Corequisite: THART 26 or THART 29
Transferable to CSU,UC

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 College Theatre productions. (L)

Transferable to CSU/UC

Admission Requirements:

Selection of candidates for entry into the Veterinary Technology Program occurs each spring. A completed Veterinary Technology Program application and college transcripts must be received by the Veterinary Technology Program administrator prior to May 15th in order to be eligible for enrollment in the program the following fall semester. The Veterinary Technology Program application may be printed from the Program’s website, http://www.yccd.edu/yuba/vettech, or printed from the application page. General application or to enrollment at Yuba College does not imply acceptance into the Veterinary Technology Program. Qualified applicants will be notified of their preliminary acceptance into the Program by June 1st. Attendance and participation in the Veterinary Technology Program Orientation is mandatory requirement before final acceptance of a candidate. This Orientation, held on a Saturday in June, is a one day exploration into the teaching formats, academic and physical demands, and admission requirements that the Veterinary Technology Program student can expect to encounter (http://vettech.yccd.edu/orientation.aspx).

Prerequisite Course Requirements: Due to the demanding nature of the Program, it is recommended that the prospective student complete as many courses as possible of the general science and general education requirements for the Associate in Science degree PRIOR to admission to the Veterinary Technology Program. Additionally eight hours of transferable veterinary practice observation in a clinical setting must be completed prior to submission of application.

Prerequisite courses VETT 91 (Veterinary Assisting), BIOL 15 (Bioscience) and CHEM 10 (Concepts of Chemistry) or their college level equivalents must be completed with a grade of “C” or better PRIOR to submission of an application for enrollment into the Veterinary Technology Program. Additionally, it is strongly recommended that the MCCOMM/ EDUC 45, “Introduction to Online Learning” course be completed prior to Program admission to ensure optimal learning in our Veterinary Technology online courses.

Costs: In addition to the expenses of regularly enrolled students (i.e., living costs, activity fees, books, tuition), Veterinary Technology Program students have the additional requirements of uniforms, drug screening, E-Vital, student informatics system, and radiology monitoring equipment. Veterinary Technology Program students are eligible for grants and loans available to any Yuba College student meeting expected criteria. http://vettech.yccd.edu/course-materials.aspx

Drug Policy: All students enrolled in the Veterinary Technology Program are subject to the drug policy which is a part of the Student Code of Conduct. Violation of this policy may result in denial of admission or dismissal from the Program. The policy is outlined in the Student Handbook as well as in the Veterinary Technology Program Policy Handbook found on the Program’s website (www.yccd.edu/yuba/vettech).

Computer Policy: Students are required to complete many assignments and testing utilizing computers. Students will need an e-mail address that they check daily in order to receive important course information. Additionally, our program utilizes computerized records and billing procedures; 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 are in addition to required individual hours. Travel will be required of all students.

Prerequisite Course Requirements:

To determine the number of courses of the Program, it is recommended that the prospective student complete as many courses as possible of the general science and general education requirements for the Associate in Science degree PRIOR to admission to the Veterinary Technology Program. Additionally eight hours of transferable veterinary practice observation in a clinical setting must be completed prior to submission of application.

Prerequisite courses VETT 91 (Veterinary Assisting), BIOL 15 (Bioscience) and CHEM 10 (Concepts of Chemistry) or their college level equivalents must be completed with a grade of “C” or better PRIOR to submission of an application for enrollment into the Veterinary Technology Program. Additionally, it is strongly recommended that the MCCOMM/ EDUC 45, "Introduction to Online Learning” course be completed prior to Program admission to ensure optimal learning in our Veterinary Technology online courses.

Should the number of qualified applicants exceed the number of available spaces in a given class, a wait list process will be utilized to establish entrance priority. For more specific information contact the Veterinary Technology Program Administrator at 530-741-6962 or vettech@yccd.edu.

Program Progression: The Veterinary Technology Program is a full-time course of study with each class building on preceding veterinary technology courses. Therefore, all required courses must be taken in the sequence listed below. All classes will be taught at the Yuba College campus in Marysville although some may be offered on-line via the Internet. Veterinary facilities in several counties are utilized for the clinical internship portions of the Program, requiring some degree of travel of all students while pursuing their veterinary technology education.
Programs and Courses

VETERINARY TECHNOLOGY (Associate in Science)

http://vettech.yccd.edu/asa-degrees.aspx

Additional Graduation requirements are needed for the degree  --  See graduation information.

Required Courses

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First Semester (fall)         Units 2
VETT 5 Veterinary Technology Internship
AG 45 Principles of Animal Science
BIOL 10 General Biology OR
AG 45L Principles of Animal Science

Second Semester (spring)     Units 2
VETT 2 Veterinary Physiology and Anatomy
VETT 7 Veterinary Business Applications
AG 11 Agricultural Accounting

Third Semester (summer)        Units 2
VETT 5 Veterinary Technology Internship
VETT 11 Emergency Veterinary and Critical Care
VETT 12 Introduction to Veterinary Medical Math

Fourth Semester (fall)         Units 2
VETT 5 Veterinary Technology Internship
VETT 6 Veterinary Workplace Safety
VETT 8 Large Animal Medicine and Nursing
VETT 5 Veterinary Technology Board Review

VETT 53B Veterinary Diagnostic Imaging

Fifth Semester (spring)       Units 2
VETT 5 Veterinary Technology Internship
VETT 59 Veterinary Technology Board Review

NOTE: To progress through the Associate Degree in Veterinary Technology, all courses must be passed with a grade of ‘C’ or better. The Health/Physical Education and Multi-Cultural graduation requirements are satisfied by completion of the Veterinary Technology Program.

Student Program Individualization:

Individualization within veterinary technology is common today thereby improving post-graduate employment opportunities for Yuba College graduates. Students may want to concentrate their studies in one or more areas of their interest - these will not be noted on the transcript and are only provided to enhance academic preparation and employment opportunities. However, the Veterinary Technology Program issues an Emphasis completion award to the student. http://vettech.yccd.edu/program-curriculum.aspx The following Veterinary Technology Program individualizations are currently available to our students:

- Business Management Option: Completion of VETT 7 Veterinary Business Applications, VETT 52 Human Animal Bond, VETT 57 Animals and Society, completion and submission of an original business management research project, and at least 4 units of VETT 5 as a business internship.

- Dental Option: Completion of VETT 52 Human Animal Bond, VETT 53D Principles of Veterinary Dentistry, VETT 57 Animals and Society, completion and submission of an original veterinary dentistry research project, and at least 4 units of VETT 5 as a dental specialty internship.

- Exotic Animal/Wildlife Option: Completion of VETT 10 Exotic and Wildlife Medicine, VETT 52 Human Animal Bond, VETT 57 Animals and Society, completion and submission of an original exotic/wildlife research project, and at least 4 units of VETT 5 as a wildlife and/or exotic animal internship.

- Laboratory Animal Option: Completion of VETT 9 Laboratory Animal Medicine, VETT 15 Advanced Laboratory Animal Medicine, VETT 57 Animals and Society, American Association for Laboratory Animal Science ALAT certification, completion and submission of an original laboratory animal medicine research project, and at least 4 units of VETT 5 as a laboratory animal internship.

- Large Animal Option: Completion of VETT 8 Large Animal Medicine and Nursing, VETT 14 Equine Management and Reproduction, VETT 52 Human Animal Bond, VETT 57 Animals and Society, completion and submission of an original large animal research project, and at least 4 units of VETT 5 as a large animal internship.

- Public Health Option: Completion of VETT 52 Human Animal Bond, VETT 54 Public Health and Infectious Disease, VETT 57 Animals and 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.

- 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 online 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, veterinaryterminologies, medical record keeping, medical and animal behavior, inventory management and ordering techniques, how to deal with difficult clients, book keeping skills, animal restraint, animal grooming, administration of medication and veterinary medical assistance.

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 veterinary patients. Students will learn via the Internet, on-line discussion groups, videotaped presentations and textbook. 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 veterinary facilities, this course of study also provides an excellent preparation for the individual interested in applying to the Yuba College Veterinary Technology Program. http://vettech.yccd.edu/veterinary-assistant-aspx

VETERINARY ASSISTANT/RECEPTIONIST (Certificate of Achievement)

Required Core Courses

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First three units from the following:

AG 11 Agricultural Accounting
AG 44 Horse Production
AG 45 Principles of Animal Science
AG 45L Principles of Animal Science
BIOL 10 General Biology OR
BIOL 10L General Biology
DBUS 52 Business English
VETT 8 Large Animal Medicine and Nursing
VETT 9 Laboratory Animal Medicine
VETT 10 Exotic and Wildlife Medicine
VETT 12 Introduction to Veterinary Medical Math
VETT 14 Equine Management of Reproduction
VETT 52 Human Animal Bond
VETT 54 Public Health and Infectious Disease
VETT 56 Shelter Medicine
VETT 57 Veterinary Technology Board Review

Total units required: 17

Additional certificate requirements: VETT 5 internship will be held at an approved animal care facility.
VETERINARY PUBLIC HEALTH AND FOOD SAFETY
(Certificate of Training)

Required Core Courses

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<tr>
<td>VETT 55</td>
<td>Veterinary Medical Terminology</td>
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<td>VETT 57</td>
<td>Animal and Society</td>
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Total units required = 18

*Additional certificate requirements: American Association for Laboratory Science (AALAS) certification. VETT 5 internship will be held at an approved animal research facility.

LABORATORY ANIMAL MEDICINE
(Certificate of Training)

Required Core Courses

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VETERINARY PUBLIC HEALTH AND FOOD SAFETY
(Certificate of Training)

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LABORATORY ANIMAL MEDICINE
(Certificate of Training)

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VETERINARY PUBLIC HEALTH AND FOOD SAFETY
(Certificate of Training)

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Total units required = 18

*Additional certificate requirements: American Association for Laboratory Science (AALAS) certification. VETT 5 internship will be held at an approved animal research facility.
**Programs and Courses**

**VETT 2** Veterinary Physiology and Anatomy 3 units
54 lecture hours
Prerequisite: VETT 4 Transferable to CSU
Gross anatomy and physiology of domestic animals. Includes the study of body systems such as skeletal, muscular, integumentary, respiratory, 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
Corequisite: VETT 2 Transferable to CSU
Gross anatomy laboratory of domestic animals. Includes the study of body systems such as skeletal, muscular, integumentary, special sense organs, circulatory and digestive. The structure and function of the animal body with emphasis on similarities and differences among domestic animals. (L)

**VETT 3** Pharmacology for Veterinary Technicians 3 units
54 lecture hours
Transferable to CSU
Concepts of veterinary anesthesia and pharmacology to include agents used as pre-anesthetics, induction agents, and general anesthesia, the physiological impacts of anesthesia on the body, patient prep, high-risk patients and complications. Pharmacokinetics in animals, principles and mechanism of drug action, drug types and legal requirements. (L,M)

**VETT 4** Clinical Laboratory Techniques 3 units
36 lecture hours, 54 lab hours
Other Course Use: VET TECH Program Transferable to CSU
Studies of the laboratory techniques and procedures employed in clinical diagnostic samples. Emphasis will be placed on procedures common to veterinary medicine including hematology, serum chemistry, urinalysis, cytology, immunology and mycology. Topics include the safe and proper collection of diverse samples, microbial culturing, methods of sample analysis, and the significance of normal and abnormal results. (L,M)

**VETT 5** Veterinary Technology Internship 1-4 units
54-216 lab hours
Prerequisite: VETT 1 or equivalent.
Transferable to CSU
Formal, structured off-campus clinical experience in a veterinary hospital, animal research facility, zoo, laboratory or other animal facility. The student works independently with a supervisor, while mastering the appropriate "essential" and "recommended" skills required by the American Veterinary Medical Association. Rotation through various facilities is required. Grades are CR/NC (L,M)

**VETT 5A** Veterinary Technology Internship A v1-4 units
54-216 lab hours
Prerequisite: VETT 91 or Consent of the instructor Transferable 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)

**VETT 5B** Veterinary Technology Internship B v1-4 units
54-216 lab hours
Prerequisite: VETT 91 or Consent of the instructor Transferable 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. Application of knowledge and skills acquired in concurrent course work. Obtain competency in essential nursing tasks. Increase knowledge and ability to operate hospital lab equipment and develop skills to perform basic veterinary laboratory procedures. (L,M)

**VETT 5C** Veterinary Technology Internship C v1-4 units
54-216 lab hours
Prerequisite: VETT 91 or Consent of the instructor Transferable 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. Application of knowledge and skills acquired in concurrent course work. Apply skills acquired in radiology, anesthesiology and surgery (L,M)

**VETT 5D** Veterinary Technology Internship D v1-4 units
54-216 lab hours
Prerequisite: VETT 91 or consent of the instructor Transferable 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. Application of knowledge and skills acquired in concurrent course work. Provide nursing care to emergency and critical care patients. Administer complex therapeutics. Develop patient care plans. (L,M,C)

**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 protective medicine for personnel engaged in the care and use of animals. (L,M)

**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 procedures and instruments, herd health, and lameness topics for farm animals. (L)

**VETT 9** Animal Laboratory Medicine 3 units
36 lecture hours
Transferable to CSU
Introduction to laboratory animal medicine. Appropriate methods of animal handling, restraint, management practices, husbandry, nursing, care and observation of laboratory species will be presented. This course will provide information and handling skills which will help the student prepare for AALAS certification. (L)

**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 applicable and appropriate principles 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 traumatic emergencies: Recognition and assessment of cardiovascular shock, respiratory crisis, gastrointestinal emergency and musculoskeletal trauma. (L,M)

**VETT 12** Intro to Veterinary Medical Math 2 units
18 lecture hours
Transferable to CSU
Essential mathematical concepts and calculations, conversions, and proper articulation of fractions/decimals in healthcare applications, measurements, drug orders, and dose calculations. (L,M)

**VETT 14** Veterinary Mgmt of Equine Reproduction 3 units
54 lecture hours
Transferable to CSU
Veterinary medical management of equine reproduction. Includes anatomy and physiology of the mare and stallion, control of the estrous cycle, gestation and foaling, feeding the broodmare and young horse, and estrous cycle manipulation of the mare. (L)

**VETT 15** Adv Lab Animal Medicine 3 units
54 lecture hours
Transferable to CSU
The advanced course includes clinical medicine, surgical nursing, regulatory compliance, biosecurity, IACUC, occupational health and safety, facilities and personnel management, management of fiscal resources and research topics associated with laboratory animals. Students will become familiar with local, state and federal regulations governing research animal care and use. This course will provide information and materials to help the student prepare for AALAS certification, LATG and CMAR exams.

**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 from an old job to a new one. Students will learn the basics of resume construction, how to locate jobs, and how to interview successfully. (L)

**VETT 18** Food Safety and Security 3 units
54 lecture hours
Transferable to CSU
An introduction to the essentials of veterinary food safety issues, food microbiology, procedures for cleaning and disinfection, optimal design principles for equipment and facilities, worker hygiene practices, food-defense and security to maintain a food-safe environment. The fundamentals of assessing and managing the risk associated with intentional contamination in food manufacturing facilities is also included. (L)

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(L,M,C) - College level language, math and/or computer skills advised.

2015-2016 Catalog
VETT 20 Veterinary Assistant Internship
18 lecture hours, 54 lab hours
Prerequisite: VETT 1 or Consent of the instructor
Introduction to off-campus veterinary facility under direct supervision of one or more licensed veterinarians and/or certificated technicians, office managers, and assistant manager. All facilities for placement are approved by the Veterinary Technology Program. Opportunity for learning and practical application of the knowledge, skills and attitudes acquired in the veterinary assistant certificate course work. Exposure to practice and attain entry-level competency in a variety of animal care tasks. Assist in office pet visits, examinations, and emergencies, keeping track of pets’ daily needs, and making sure that the veterinarian’s office or facility is well kept and always clean. (L,M)

VETT 52 Human-Animal Bond
Special focus on human-companion animal interactions. Students will analyze animal-assisted therapy/volunteering, service animal and human education programs. Students explore sociological, historical, economic, philosophical, and public policy issues regarding animals in human societies. (L,M)

VETT 53A Vet Surgical Nursing and Anesthesia
18 lecture hours, 54 lab hours
Prerequisite: VETT 1 or VETT 4 and VETT 2 and VETT 2L Principles and techniques involving veterinary surgery and anesthesia. Includes preparatory techniques of surgical instruments and equipment, routine surgical procedures, anesthesia induction, monitoring, post-surgical care, clean up, and surgical record keeping. Multiple species will be covered and 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
18 lecture hours, 54 lab hours
Prerequisite: VETT 1 or VETT 4 and VETT 2 and VETT 2L Principles and techniques involving 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.

VETT 53C Advanced Veterinary Nursing Topics
36 lecture hours, 108 lab hours
Prerequisite: VETT 4 and VETT 2L Principles and techniques involving veterinary nursing. Emphasis on venipuncture, catheterization, fluid therapy, parenteral nutrition, recovery and behavior of large and small animals, preventive medicine, nutrition, record keeping and medical procedures. Also includes mentoring, teamwork, communications and health problem assessment involving kennel management. Multiple species will be covered and students will participate in care of VT Program animals throughout the semester. Completion of a Capstone Project is required. (L,M,C)

VETT 53D Principles of Veterinary Dentistry
18 lecture hours, 54 lab hours
Prerequisite: VETT 1 or equivalent. Principles and techniques involving veterinary dentistry. Includes preparation and identification of dental instruments and equipment, routine dental procedures, dental charting, the oral examination, orthodontics, periodontics, radiography, and dental emergencies. (L,M)

VETT 54 Public Health and Infectious Disease
36 lecture hours
This course introduces the core concepts of public health emphasizing zoonotic and infectious diseases important to both human and animal health. Collaborative efforts between human and veterinary medical professions through the ‘One Health Initiative’ will be discussed, including issues and developments in food safety, global health and the principles of epidemiology in risk assessment and effective public health interventions. (L)

VETT 55 Veterinary Medical Terminology
54 lecture hours
The study and application of medical terms used in veterinary medicine. (L)

VETT 56 Shelter Medicine
54 lecture hours
Overview of animal shelter medicine and issues. Includes: behavioral assessment, infectious disease prevention and control, population perspective on disease management, emergency care of dogs and cats and pet shelter population dynamics will be discussed. (L)

VETT 57 Animals and Society
54 lecture hours
An 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 (anthropology), animal social construction, and the moral relationship of animals to humans. Directed independent work 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
54 lecture hours
Review of pertinent subject matter in preparation for the California State Veterinary Technician and National Board Examinations. Also includes test taking skills, test anxiety reduction techniques and practice exams. (L)

VETT 91 Veterinary Assisting
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.
WELD 24 Advanced GMAW (MIG) Welding 1 unit
54 lab hours
Prerequisite: WELD 20 or 22 or equivalent experience
Transferable to CSU
This is an advanced laboratory course with a further emphasis on out-of-position GMAW (MIG) welding. This course is designed for those who wish to improve skills to prepare them for entry into the workforce as a GMAW (MIG) welder. Students must provide safety glasses and welding gloves, and those materials that are of continuing value outside of the classroom setting. This cost will be explained at the first class meeting. Grades are PINP (L)

WELD 25 Advanced GTAW (TIG) Welding 1 unit
36 lecture hours, 54 lab hours
Prerequisite: WELD 20 or 22 or equivalent experience
Transferable to CSU
This is an advanced laboratory course with a further emphasis on out-of-position GTAW (TIG) welding. This course is designed for those who wish to improve skills to prepare them for entry into the workforce as a GTAW (TIG) welder. Students must provide safety glasses and welding gloves, and those materials that are of continuing value outside of the classroom setting. This cost will be explained at the first class meeting. Grades are PINP (L)

WELD 30 Gas Welding 2 units
18 lecture hours, 54 lab hours
Transferable to CSU
Gas welding processes: background, safety, applications and methods of operation; welding, burning, brazing and soldering.

WELD 31 Arc Welding 2 units
18 lecture hours, 54 lab hours
Transferable to CSU
Basic theory, practice and operation of manual arc welding, including joints, positions, electrode identification, operation of transformer and generator welders.

WELD 40 Introduction to TIG Welding (GTAW) 3 units
36 lecture hours, 72 lab hours
Transferable to CSU
GTAW (TIG) welding is an inert gas welding process that covers mild steel, aluminum and stainless steel. This course will stress welding applications on flat and pipe stock in all positions to develop welding skills. Course content will include metal identification and welding symbols. (L)

WELD 42 Intermediate GTAW (TIG) Welding 3 units
36 lecture hours, 54 lab hours
Transferable to CSU
An intermediate to advanced course with an emphasis on vertical and overhead welding. This class is designed for the student who is interested in improving his/her beginning skills in order to prepare for entry into the job force as a TIG welder.

WELD 50 Structural Steel and Flux Cored Arc Welding 3 units
36 lecture hours, 54 lab hours
Emphasizes developing skills on structural steel and FCAW (Flux-Cored) practice. Related instruction will include ferrous metal identification and welding characteristics. FCAW welding applications and variable, dual shield inert shielding gases and mixtures, troubleshooting FCAW equipment and welds completed in all positions. Students must provide those materials which are of continuing value outside of the classroom setting. This cost will be explained at the first class meeting. (L)

WELD 52 Intermediate Structural Steel and FCAW 3 units
36 lecture hours, 54 lab hours
This course emphasizes developing basic skills on structural steel and FCAW practice. Related instruction will include ferrous metal identification and welding characteristics. FCAW welding applications and variable, dual shield inert shielding gases and mixtures, troubleshooting FCAW equipment and welds completed in all positions. Focus will be placed on T-8 vertical and overhead certification according to the AWS D1.1 code. Students must provide those materials that are of continuing value outside of the classroom setting. This cost will be explained at the first class meeting. (L)

WELD 54 Advanced FCAW (Flux-Cored) Welding 1 unit
54 lab hours
Prerequisite: WELD 40 or 42 or equivalent experience
This is an advanced laboratory course with a further emphasis on out-of-position FCAW (flux core) welding. This course is designed for those who wish to improve their skills to prepare them for entry into the workforce as a FCAW welder. Students must provide safety glasses and welding gloves, and those materials that are of continuing value outside of the classroom setting. This cost will be explained at the first class meeting. Grades are PINP (L)

WELD 56 Intermediate FCAW (Flux Cored) 3 units
36 lecture hours, 54 lab hours
Prerequisite: WELD 50 or 52 or equivalent experience
This course emphasizes developing basic skills on structural steel and FCAW practice. Related instruction will include ferrous metal identification and welding characteristics. FCAW welding applications and variable, dual shield inert shielding gases and mixtures, troubleshooting FCAW equipment and welds completed in all positions. Focus will be placed on T-8 vertical and overhead certification according to the AWS D1.1 code. Students must provide those materials that are of continuing value outside of the classroom setting. This cost will be explained at the first class meeting. (L)

WELD 60 Advanced FCAW (Flux Cored) 1 unit
54 lab hours
Prerequisite: WELD 30 or 32 or equivalent experience
This course emphasizes developing basic skills on structural steel and FCAW practice. Related instruction will include ferrous metal identification and welding characteristics. FCAW welding applications and variable, dual shield inert shielding gases and mixtures, troubleshooting FCAW equipment and welds completed in all positions. Focus will be placed on T-8 vertical and overhead certification according to the AWS D1.1 code. Students must provide those materials that are of continuing value outside of the classroom setting. This cost will be explained at the first class meeting. (L)

WELD 62 Pipe Welding Fundamentals 3 units
36 lecture hours, 54 lab hours
Prerequisite: WELD 12 or Trade Welding Experience
A fundamental course in pipe welding with emphasis on open groove pipe joints using oxyacetylene, arc and inert gas welding processes in all positions. NOTE: Students must provide safety glasses, welding gloves, and suitable working clothes before they are permitted to weld. Welding is a skill that requires a great deal of hand-eye coordination. Hours of practice are needed to master skills to advance to the next level or become skilled enough for employment. (L)

WELD 64 Advanced Pipe Welding 3 units
36 lecture hours, 54 lab hours
Prerequisite: WELD 62 or Trade Welding Experience
This is an advanced pipe welding course with an emphasis on ASME, AWS and API certification. Course instruction includes code, pipe classification and identification. Completion of the class does not guarantee certification unless welding procedure qualification tests are passed. Pipe welding is a skill that requires a great deal of hand-eye coordination. Hours of practice are needed to master skills to advance and become skilled for employment. Students must provide those materials of continuing value for the course.

WELD 65 GMAW/STTAW Production 4 units
54 lecture hours, 54 lab hours
Introduction to TIG (GTAW). MIG (GMAW), heliac, bare wire and fluxcore welding, plasma arc cutting, electronic operation, application of processes, exotic metal and alloy welding, use of track cutter.

WELD 74 Welding Technical Problem 1-3 units
9 lecture hours, 27 lab hours
Project design from working drawings; metal fabrication; and fabrication methods. (L,M)

WELD 80 Agricultural Welding Experience 2 units
18 lecture hours, 54 lab hours
Transferable to CSU
This is an advanced laboratory course with a further emphasis on out-of-position FCAW (flux core) welding. This course is designed for those who wish to improve their skills to prepare them for entry into the workforce as a FCAW welder. Students must provide safety glasses and welding gloves, and those materials that are of continuing value outside of the classroom setting. This cost will be explained at the first class meeting. Graded PINP (L)

WELD 88 Welding Technical Problem 1-3 units
18 lecture hours, 0-108 lab hours
Individualized instruction of special topics, including welding testing and certification, industry standards, A.N.S., A.P.I., A.S.M.E., research, or special welding processes and projects. Grades are PINP.

WELD 90 Agricultural Welding Experience 2 units
18 lecture hours, 54 lab hours
Emphasizes the development of minimum skill standards in welding. The SMAW (shielded metal arc welding), OPW (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 Structural Welding 3 units
36 lecture hours, 54 lab hours
Prerequisite: WELD 10 or 20
Structural weld design and fabrication of weldments. Operation of mechanized iron workers, tabular benders and press brake operations. Blueprint reading, welding symbols, cost estimation, layout techniques, and use of metal fabrication equipment will be used to complete projects. (L,M)
Classified Staff

Yuba College

Diana Adams, Foster Care Ed/Independent Living Program Specialist, Yuba College since 2004
Teresa Aronson, Public Events Technician, Yuba College since 2003
Raninder Bains, ETS Program Technician, Yuba College since 2003
Rupinder Bajwa, EOPS/CARE Specialist, Yuba College since 2008
Alejandra Barnes, Administrative Specialist II, Yuba College since 2015
Erika Bernal, Child Development Assistant, Yuba College since 2013
Corey Blascheck-Miller, Athletic Trainer, Yuba College since 2013
Armand Brunhofer, Assessment and Research Specialist, Yuba College since 1995
Quy Bui, Instructional Associate, Yuba College since 2002
Suise Couppe, Science Lab Technician, Yuba College since 1999
Melissa Crawford, Child Development Assistant, Yuba College since 2004
Kelly Cunningham, Instructional Associate – Language Arts, Yuba College since 2014
Inderjit Dhillon, Outreach and Recruitment Specialist, Yuba College since 2014
Sonja Diaz, Financial Aid Technician, Yuba College since 2006
Lucinda Dillard-Adler, Community Education Specialist, Yuba College since 2000
Leah Ennis, Foster Care Ed/Independent Living Program Specialist, Yuba College since 2000
Joanna Frost, DSPS Program Specialist, Yuba College since 1999
Gloria Garcia, Administrative Secretary I, Yuba College since 2014
Maria Garcia-Gonzalez, Educational Talent Search Specialist, Yuba College since 2014
Sara Gaytan, Clerical Assistant – EOPS, Yuba College since 2014
Corrine Gil, Public Safety Administrative Specialist, Yuba College since 1999
Ryan Goergen, Student Services Technician, Yuba College since 2014
Ana Ramos Gonzalez, Financial Aid Technician, Yuba College since 2014
Martin Gutierrez, Interim Director Admissions, Records & Financial Aid, Yuba College since 2005
Ima Guzman, Administrative Secretary I, Yuba College since 1998
Katherine Halicki, Science Lab Technician, Yuba College since 1995
Milena Hemeleva, Piano Accompanist, Yuba College since 2006
Susan Jow, Senior Student Services Technician, Yuba College since 1999
Tony Jow, Instructional Associate, Yuba College since 1999
Aneta Kalita, Child Development Assistant, Yuba College since 2003
Melody Kempton, DSPS Program Specialist-Interpreter, Yuba College since 2004
Cassie Leal, Research Analyst, Yuba College since 2015
Timothy Levit, Instructional Assistant, Yuba College since 2010
Bonnie Loghry, Veterinary Technology Specialist, Yuba College since 1982
Gregory Lopin, Athletic Trainer, Yuba College since 2006
Anita Mann, Senior Student Services Technician, Yuba College since 2003
John Maran, Financial Aid Technician, Yuba College since 2005
Rosemary McKee, Instructional Associate – Language Arts, Yuba College since 2007
Renée McKenzie, Child Development Instructional Specialist, Yuba College since 2006
Caitlin Michelle, Executive Assistant to the College President, YCCCD since 1990
Julie Miller, Library/Media Specialist, Yuba College since 2015
Alberto Miranda, Educational Talent Search Specialist, Yuba College since 2014
Silvia Nava, EOPS/CARE Specialist, Yuba College since 2008
April Nuñez, Library/Media Specialist, Yuba College since 2013
Afghani Obaid, Child Development Assistant, Yuba College since 2003
Roxa Packard, Administrative Secretary II, Yuba College since 2008
Krista Page, Administrative Secretary II, Yuba College since 2011
Frank Parks, Custodial Maintenance Worker, Yuba College since 2001
Stan Patterson, Custodial Maintenance Worker, Yuba College since 2000
Tom PfcJock, CareerTransfer/ Veteran Services Technician, Yuba College since 2010
Agustina Ramirez, Child Development Assistant, Yuba College since 2003
Tomas Rodriguez, Athletic Equipment Manager, Yuba College since 2004
Tommy Rogers, Child Development Instructional Specialist, Yuba College since 2003
Shelby Rubel, Student Services Technician, Yuba College since 2014

Sutter County Center

Minerva Barron, Student Services Technician, Yuba College since 2003
Karen Schade, Administrative Secretary II, Yuba College since 1995
Rhonda Shearer, Interim Child Development Site Supervisor, Yuba College since 1997
Michelle Siller, Secretary, Yuba College since 2008
Barbara Sluder, Clerical Assistant – Upward Bound, Yuba College since 2014
Amanda Smith, Administrative Secretary I – C/O WORKS, Yuba College since 1999
Karen Stanis, Interim Director of Child Development/Foster Care Education, Yuba College since 2006
Carolee Stoner, Administrative Secretary I, Yuba College since 2008
Joseph Stottmann, Instructional Associate – Theatre Arts, Yuba College since 2008
Shelia Sueaki, Curriculum and Scheduling Specialist, Yuba College since 1998
Gill Terrones, Instructional Assistant – Automotive, Yuba College since 2004
Anabel Toche, EOPS Supervisor, Yuba College since 1999
Kristin Vannucci, Director, MESA, Yuba College since 2013
Natalie Cornett, Library/Media Specialist, Yuba College since 2008
Kandice Goodman, Library/Media Specialist, Yuba College since 2013
Marna Chavez, Child Development Assistant, Yuba College since 2013
Kirsten Wike, Library/Media Specialist, Yuba College since 2012
April Jensen, Child Development Assistant, Yuba College since 2013
Leanne Landis, Financial Aid Technician, Yuba College since 2006
Denise Vilanueva, Clerical Assistant, Yuba College since 2015
Anita Wilks, Administrative Secretary I, Yuba College since 1989
Zulema Zermeno, Executive Assistant to the Vice President, Yuba College since 2007
Lynette Terry, EOPS Specialist, Yuba College since 2014
Donna Velal, Library Technical Specialist, Yuba College since 1998

Clear Lake Campus

Cheryl Blake, Child Development Specialist, Yuba College 2013
Kimberly Boiles-Cravea, Tutoring Center Specialist, Yuba College since 2003
Margaret Brown, Instructional Associate DSPS/Language Arts, Yuba College since 1994
Marna Chavez, Child Development Assistant, Yuba College since 2013
Natalie Cornett, Clerical Assistant – EOPS, Yuba College since 2014
Kandice Goodman, Library/Media Specialist, Yuba College since 2008
Eric Cantrell, Custodian, YCCCD since 2011
Joseph Casimiro, Custodian, YCCCD since 2007
Paul Cortin, Lead Grounds Maintenance Worker, YCCCD since 2011
Paul Cortin, Police Officer, YCCCD since 2008
Denise Daniel, Personnel/Human Resources Analyst, YCCCD since 1989
Jim Day, Building Maintenance Technician, YCCCD since 2007
Melody Deal, Custodian YCCCD since 1998
Dianne Detmold, Computer Help Desk/Operations Technician, YCCCD since 1999
Teresa Dorantes-Basilio, Accounting Technician, YCCCD since 2009
Edward Driscoll, Custodian, Maintenance & Operations Specialist, YCCCD since 2011
Gene Deitinger, Custodian, YCCCD since 1996
Bryan Epp, Lead Grounds Maintenance Worker, YCCCD since 1999

Nicole Sakurada, Student Services Technician, Yuba College since 2014

Katriona Walsh, Clerical Assistant, Yuba College since 2003
Tracy Williams, Instructional Assistant, Yuba College since 2002

Yuba Community College District

Lori Aguinaldo, Educational Services Analyst, YCCCD since 2000
Divinder Bains, Fiscal Analyst, YCCCD since 2002
Bonita Barnes, Custodian, YCCCD since 2012
Terry Brownfield, Instructional Nutrition Specialist, YCCCD since 1999
Rhonda Campion, Accounting Technician, YCCCD since 2008
Eric Cantrell, Custodian, YCCCD since 2011
Joseph Casimiro, Custodian, YCCCD since 2007
Paul Cortin, Police Officer, YCCCD since 2008
Denise Daniel, Personnel/Human Resources Analyst, YCCCD since 1989
Jim Day, Building Maintenance Technician, YCCCD since 2007
Melody Deal, Custodian YCCCD since 1998
Dianne Detmold, Computer Help Desk/Operations Technician, YCCCD since 1999
Teresa Dorantes-Basilio, Accounting Technician, YCCCD since 2009
Edward Driscoll, Custodian, Maintenance & Operations Specialist, YCCCD since 2011
Gene Deitinger, Custodian, YCCCD since 1996
Bryan Epp, Lead Grounds Maintenance Worker, YCCCD since 1999

Katrina Walsh, Clerical Assistant, Yuba College since 2003
Tracy Williams, Instructional Assistant, Yuba College since 2002

Classified Staff

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Classified Staff

James Fleenor, Custodial, Maintenance and Operations Specialist, YCCD since 1998
Rosa Fowle, Purchasing Technician, YCCD since 2002
Heather Gardner, Police Services Technician, YCCD since 2015
Maribel Gaytan, Personnel/Human Resources Analyst, YCCD since 2001
Don Goodman, Building Maintenance Technician, YCCD since 1990
William Granger, Maintenance Operations Clerk, YCCD since 1998
Teresa Greenwood, Printing/Mail Technician, YCCD since 1996
Suhbir Grewal, Distributive Education Server Specialist, YCCD since 2001
Renée Hamilton, Executive Assistant, Vice Chancellor - Educational Planning and Services, YCCD since 1989
Rinna Her, College Police Officer, YCCD since 2014
Lori Hjellum, Custodian, YCCD since 2004
Linda Hofstra, Accounting Technician, YCCD since 1999
Sonya Horn, District Registrar, YCCD since 2007
Donna Howard, Grounds Maintenance Worker, YCCD since 1991
Becky Jennes, Fiscal Analyst, YCCD since 2002
Kuldeep Kaur, Custodial/Maintenance Worker, YCCD since 2001
Cheryl Kenyon, Fiscal Support Technician – FCE/ILP, YCCD since 2000
Adam Karris, Police Officer, YCCD since 2004
Michael Plant, Information Systems Administrative Applications Supervisor, YCCD since 1998
Tim Rice, Custodian, YCCD since 2007
Cathy Richter, Executive Secretary, Chancellor, YCCD since 2006
Mimam Root, Executive Assistant - Chancellor/Board of Trustees, YCCD since 1986
Richard Rountree, Telecommunications Specialist II, YCCD since 2007
Jeffrey Rutledge, Telecommunications Specialist III, YCCD since 1991
Eileen Schmidtbaumer, Administrative Assistant – Contract Education, YCCD since 1987
Karen Siler, Senior Accounting Technician, YCCD since 1999
Michael Slim, Building Maintenance Technician, YCCD since 1999
Peter Soliman, Technical Webmaster, YCCD since 2009
Craig Smith, Senior Computer and Network Specialist, YCCD since 2008
Scott Snedgrove, Computer Network Supervisor, YCCD since 1998
Phillip Steck, Instructional Network Specialist, YCCD since 1997
Leonel Toche, Athletic Facilities Maintenance Worker, YCCD since 2011
Susan Toepfer, Programmer/Analyst II, YCCD since 1999
Eleni Villanueva, Grounds Maintenance Worker, YCCD since 2008
Vray, John, Instructional Network Specialist, YCCD since 2011
Wacaster, Brandon, Custodian, YCCD since 2012
Buddy Wagner, Programmer/Analyst II, YCCD since 2011
Mike Weber, Printing/Publications Supervisor, YCCD since 2000
Jacques Whitfield, Chief Human Resources Officer, YCCD since 2012

Academic Faculty and Administrators

Yuba College

JOHN W. MALY
English/ESL
A.A., Orange Coast College, Costa Mesa; B.A., Sonoma State University, Rohnert Park; M.A., San Bernardino. Other graduate work: C.S.U., Long Beach; U.C., Riverside. Experience: C.S.U., San Bernardino/Adult School, Victor Valley College; Yuba College since 1998.

KELLY J. BOREN
Counselor
A.A., College of Southern Idaho, Twin Falls; B.A., San Diego State University; M.S., San Diego State University/University Park College; Yuba College since 1999.

KATHRYN BOYES
Mathematics
B.S. & M.S., California Polytechnic State University, SLO Experience: CA Poly Univ.; Yuba College since August 2012

DENICE BURBACH
Early Childhood Education/Coordinator
B.B., Pacific Union College, Angwin; MA, Pacific Oaks College, Pasadena Experience: M.J.S.D (High School & State Preschool); Yuba College; Jack & Jill Preschool; City of Lancaster Preschool; Kinder-Care Inc Yuba College since August 2008 (Adjacent since Spring 2007)

SUJAN J. BURGESON
Humanities/Philosophy

RAMIRO F. CANTO-LUGO
Spanish

KOREY CHAMPE
Earth Science/Physical Science
B.A., CSU, Chico; M.S., Univ of South Dakota Experience; San Joaquin Valley College; Sierra College; Bakersfield CC; University of South Dakota. Yuba College since August 2012

BRIAN CONDREY
English
B.A., CSU, Chico; M.A., CSU/Chico Experience: Yuba College; University of Texas at Austin; CSU, Chico; Yuba College since August 2008 (Adjacent since Summer 2007)

DOUGLAS CORNELIUS
Health, Physical Education and Recreation; Head Men's Basketball Coach
A.A., College of the Siskiyous, Weed; B.S., C.S.U., Sacramento; M.A., St. Mary's, Moraga. Experience: American River College, Sacramento; Sacramento Kings and Monarchs; Yuba College since 2002

STEVEN P. COX
Business Computer Applications; Information Technology
B.S., CSU, Chico; M.S., CSU, Hayward. Experience: San Benito High School, Hollister; Hewlett-Packard; Yuba College since 1999.

ROGER DAVIDSON
Mathematics/Engineering
B.S., Rose-Human Inst. of Tech., M.S., Rensselaer Polytechnic Inst.; Ph.D. Univ. of Colorado, Boulder. Experience: Sierra College; Pasadena City College; California Inst. of Techn. of, San Francisco/Yuba College since August 2007

RICHARD W. EDMUNDS
English

PERCY B. ELLIS
Business, Information Systems
B.S., San Diego State University; M.S. California Institute of Technology, Pasadena; M.A., UC Berkeley; Yuba City, California Department of Transportation, Sacramento; Yuba College since 2000.

MARC FLACKS
Sociology
B.A., Wesleyan University, M.A. UC Santa Cruz; Ph.D., UC Santa Cruz. Experience: CSU, Long Beach; San Jose State; UC Santa Cruz; Wesleyan University/Yuba College since August 2007.
Academic Faculty and Administrators

SHAWN FREDERKING
English

LYNETTE GARCIA
Nursing
A.S., Yuba College; A.D.N., Yuba College; B.S.N., CSU, Chico. Experience: UC-Davis Medical Center; Rideout-Fremont; Yuba College. Yuba College since 2007.

NEENA GILL
Counselor, E.O.P.S.
B.A., Panjab University, Punjab; M.A., Magad University, Patna; M.S., University of LaVerne, California. Experience: Yuba College since 1997.

LETICIA GOMEZ
Counselor

ROBERT GRIFFIN
Counselor
A.S., Yuba College; B.S., M.S., CSU, Sacramento. Experience: Yuba College; Woodland College, American River College; Point-koa Pediatrics. Sierra Forever Families, River Oak Center for Children. Yuba College since 2015.

VALERIE HARRIS
Counselor

SCOTT HASKELL
Veterinary Technology/Coordinator

ELENA HELMAN
Librarian

LI CHUAN "LENA" HSIEH
Political Science
B.A., National Chengchi University, Taiwan; MA, University at Buffalo, New York; Ph.D., National Taiwan University, Taiwan. Experience: Blessed Imelda's High School, Taiwan; National Taiwan University, Taiwan; Delta Institute of Technology, Taiwan; Taipei Medical University, Taiwan; Taipei Thinktank, Taiwan. Yuba College since August 2008.

FRANCESCA R. HULIN
English as a Second Language
B.A., Sonoma State, Rohnert Park; M.A., San Francisco State University; Postsecondary Reading & Learning Certificate. CSU, Fullerton. Experience: U.C., Berkeley; Loma Vista Adult Education, Concord; Martinez Adult Education; Berkeley/ Kaplan Center; Kuwait University, Kuwait; TASS; England; Eryou University, Turkey; University of West Bohemia; Czech-Republic American Language Institute, San Francisco; Yuba College since 2003.

GLENN R. HUSTED
Art/Ceramics
B.A., Pitzer College, Claremont; M.F.A., Claremont Graduate School. Experience: CSU, Bakersfield; Chaffey College, Rancho Cucamonga; Scripps College, Claremont; Ceramic Workshops, Mendocino Art Center; Angels Gate Cultural Center, San Pedro; Yuba College. Yuba College since 1998.

GHOLAM H (GH.) JAHANGIROU
President
B.S., Southern Illinois University; M.B.A., Webster University, St. Louis, Ed.D., University of New Mexico. Experience: Victor Valley College, Chabot College, Santa Fe Community College, University of New Mexico-Gallup Community College, University of New Mexico. Yuba College since 2015.

LISA L. JENSEN-MARTIN
Psychology
A.A., Yuba College; B.A., MA., CSU, Sacramento. Other graduate work: Chapman University, Experience: Sierra College, Rocklin. Rocklin, Golden Gate University; Yuba City High School; Yuba College since 1995.

DOUGLAS A. JOKSCH
Computer Science
B.A., Arkansas State University, Beebe; B.S., Southern Illinois University, Carbondale; B.S., M.S., West Coast University, Los Angeles. Experience: ITT Federal Services Corporation; Raytheon, Santa Maria; Allan Hancock College, Santa Maria; Lockheed Martin, Santa Maria; Yuba College since 2000.

SUZANNE JONES
Psychiatric Technology/Coordinator
A.D.N., Sierra College, A.S., Sierra College; B.S., Grand Rapids Community College; Experience: Fremont Medical Center; Home Health; Feather River Surgery Center; Yuba College since 2005.

BRIAN H. JUKES
English

GREGORY KEMBLE
English

KIARA KOENIG
English

SARAH KOVACS
Mathematics
B.A., Yassar College; M.A., San Francisco State University. Experience: Los Rios CCD. Sierra College; Academic Talent Search; San Francisco State; Skyline College; Peralta CCD. Yuba College since 2007.

JOHN LANGSTON
Chemistry
B.S., Portland State University; M.S., Washington State University. Experience: Washington State University; Seattle Central Community College; Feather River College, Quincy. Yuba College since 1987.

WALTER V. MASUDA
Dean of Language Arts/Fine Arts

ROBERT P. MATHES
Music; Music Theory
B.M., B.M.E., St Mary’s University, San Antonio; M.M., M.M. University of Texas, San Antonio; M.D.M.A., Peabody Conservatory of Baltimore, Experience: San Antonio Independent School District, Texas; University of Maryland, Lincoln University, Buenos Aires; Yuba College since 2000.

THOMAS MCKAY
Computer Technology/Aviation
B.S.N., Purdue University, IN M.S.N., UC San Francisco; Ph.D., University of Tennessee. Experience: Native American Medical Center, Salinas; CSU Monterey Bay, Cabrillo College, Aptos; Orman College, San Francisco; Hartnell College, Salinas. Yuba College since 2014.

KIARA MELLO
English

PHILIP MILKS
Automotive Technology
A.A.S., Fresno City College. Experience: Brushers Sanders Auto Auction; Michael Hohl Motor Co.; Michael Daugherty Chevrolet; Vintage Pontiac-Buick GMC; Yuba College. Yuba College since January 2013.

COLLEEN R. MONAHAN
Business
A.D.N., Yuba College, Marysville; B.S.N., C.S.U., Chico; M.A., University of Phoenix. Other graduate work: University of Phoenix, Arizona. Experience: U.C. Davis Medical Center, Sacramento; Fremont-Rideout Health Group, Yuba City; Yuba College since 2002.

MICHAEL L. MORSER
Automotive Technology

JOSE RAMON MUNOZ
Spanish
B.A., CSU, Chico MA, CSU Sacramento. Experience: Fairfield High School; Migrant Education at UC Santa Cruz; California Human Development Corporation; Gridley High School; CSU Upward Bound; Yuba College since August 2008.

CHRISTOPHER MYERS
Business
B.S., San Jose State University; M.B.A., National University, Sacramento; Experience; Auditor General’s Office, Sacramento; Aeroljet General, Rancho Cordova; Western Farm Credit Bank, Sacramento; Certified Public Accountant, Certified Internal Auditor, Certified Fraud Examiner; Yuba College since 1994.

CHRISTOPHER NOFFSINGER
Mathematics
B.A. & M.S., University of Colorado, Colorado Springs; M.A. & M.A., U.C. Santa Barbara. Experience: Sacramento City College, Sacramento; Sierra College, Rocklin, Santa Barbara City College, Santa Barbara; Westmont College, Montecito; Palo Alto Community College, Colorado Springs; University of Colorado, Colorado Springs. Guine, West Africa; Peace Corps; Yuba College. Yuba College since August 2013.

GEORGIANA KEEFE-SCHWERING
Computer/Automotive
B.A., CSU, Sacramento; M.S., CSU, Sacramento. Experience: Butte College; UC Davis Sacramento City College, Lake Tahoe Community College; American River College; UC Davis, Vocational Rehabilitation Dept. Yuba College since 2005.

KEVIN ORTON
Chemistry
B.A., CSU, Sacramento; M.S., UC, Riverside; Ph.D, UC, Riverside. Experience: Mt. San Jacinto College-San Bernardino Valley College; Riverside Community College. Yuba College since 2005.
Academic Faculty and Administrators

PARVIZ PARSAFAR

English as a Second Language
B.A., College of Literature and Foreign Languages, Iran; M.A., Damascus University, Syria; University of Rochester, New York; M.A., M. Phil., Ph.D., Yale University, Connecticut. Experience: New Haven Adult Education Center, Connecticut; University of New Haven, Connecticut, Cheshire Academy, Connecticut; Ohio University of Technology, Iran; Damascus College, Iran; Taheran University, Iran; Navy Language Institute, Iran; Teteria and Shahrtehrd High Schools, Iran; Yuba College since 1996.

DAVID PEREZ

CPSAS Counselor
B.A., CSU, Chico; M.S.; University of La Verne; Experience: Sutter County Schools, Yuba College, Woodland Community College, Parent Institute for Quality Education. Yuba College since 2006.

JOSHUA PITTENGER

Biological Health – Microbiology Emphasis
B.S., Ph. D., U.C. Davis Experience: Sacramento City College, Couriers River College, Sacramento; Woodland Community College, Woodland; Solano Community College, Fairfield, U.C. Davis, Davis; Calera AgGen, Davis

JAN E. PONTICELLI

DBSP Learning Specialist/Coordinator
B.A., CSU, Chico M.Ed., Ph.D, Oregon State University. Other graduate work: Western Oregon State College Sign Language Interpreter Training and, San Francisco State University, Communicatively Handicapped credential. Experience Sacramento City College, Sierra College, Yuba College since 1999.

THEA BORDESEN POST

Health, Physical Education & Recreation

TINA D. RAMSEY

English/Coordinator

MARSHA RESLER-STANSBURY

Nursing
B.S.N. University of Phoenix, M.S.N., South University, Florida. Experience: Valley Health System, Sacramento; Itt/Brookridge School of Medical Technology, New York; Lax Memorial, PI Myers, Florida.; Yuba College. Yuba College since 2014.

STEPHANIE REYNOLDS

Health, Physical Education & Recreation, Athletics; Head Softball Coach

SUZANNE A. RUCKLE

Speech
B.A., M.A., C.S.U., Chico, Experience: C.S.U., Chico; Butte College, Oroville; Urossa College, Japan; A.L.C. Language Institute, Spain; Yuba College since 1995.

DON SCHUMACHER

Auto Body

SHEILA C. SCROGGINS

Nursing

MEREDITH SEIDEN

Psychology
B.A., Pacific Lutheran University, Tacoma, WA; M.S., Ph.D., Kansas State University, Kansas; M.A., San Francisco – Sacramento; Wilkes University, Pennsylvania; Wilkes-Barre, PA; Gallaudet University, Washington, D.C.; Fields Consulting Group, McLean, VA; Pen-State Wilkes-Barre, Dals, PA. Northern Virginia Community College, Annandale, VA. Yuba College since 2014.

TRAVIS SMITH

Social Science, History

DELMY SPENCER

Director of TRIO

LINDA J. STAFFERO

Human Anatomy; Biology

KARSTEN STEMMANN

Mathematics
B.A., University of ULM, Germany; M.S. & Ph.D., USC, Los Angeles. Experience: College of the Canyons; Los Angeles Trade Technical College; Pasadena City College; USC, Los Angeles; Mercor. Yuba College since August 2008.

GENEVIEVE STIER

Biology/Botany

JOHN STEVENS

Mathematics
B.A., M.A., C.S.U., Sacramento; Other graduate work: Chapman University, Orange; Experience: East Nicolaus High School, American River College, Sierra College, Folsom Lake College, Chabot College, C.S.U., Sacramento. Yuba College since 2004.

JEFFREY STOLBERG

Biology
A.A., Diablo Valley College; B.A., M.A. & M.S., Chico, Experience: Butte College, Shasta College; C.S.U., Sacramento since August 2008.

SHAUN SUY

Counselor

FAROUGH TABRIZI

Counselor

RUTH TAMULONIS

Nursing Instructor
B.S.N., Truman State University, MO; M.S.N., Gergia State University, GA. Experience: Yuba College, Marshalltown Community College; IA; Athens Regional Medical Center, GA; National Rehabilitation Hospital, Washington, DC; Jefferson Memorial Hospital, MO. Yuba College since 2012.

JENNIE L. TANASE

Biology; Physiology
A.A.; Yuba College; B.S., U.C., Davis; M.D., U.C., San Francisco. Other graduate work: C.S.U., Sacramento; U.C., Davis Medical Center. Sacramento. Yuba College since 1994.

JOHN B. THOO

Mathematics

DANIEL TURNER

Welding
B.S., U.C., Davis; M.S., Diesel University Experience: Shasta Union High School District, Foothill HS, Greene and Healy. Yuba College since 2006.

RONALD G. TURNER

Administration of Justice
A.S., Solano Community College, Susan; B.A., Golden Gate University, San Francisco; M.P.A., National University, San Diego. Experience: Fairfield Police Department; Fairfield/Suisun School District; Yuba College since 1994.

AYA UEDE

Music
B.M. & M, University of the Pacific, MM, Yale University; DM, Indiana University Experience: Lakeville Community; University of Wisconsin Green Bay; University of Arkansas; University of Maryland/Baltimore County; Oberlin College; Indiana University; Yuba College since August 2007.

MARIS WAGENER

Early Childhood Education
A.S., Cerro Coso College; M.A., Pacifica College, Pasadena Experience: Bakersfield College, Cerro Coso/Child Development Center; Sierra Sands Unified School District; Leapin Lizards Child Development Centers. Yuba College since August 2008.

KIRK WARDLAW

Mathematics
A.A. Pasadena City College; B.A., U.C. Davis; M.A., C.S.U., Sacramento; Ph.D., U.C., Davis. Experience: Yuba College; UOP; U.C. Davis; Cosumnes River College; Napa Valley College; C.S.U., Sacramento. Yuba College since 2004.

ANGELA WILLSON

Radiologic Technology/Coordinator
A.S., Yuba College; B.A., C.S.U., Chico; M.P.A., Golden Gate University, San Francisco. Ph.D.H.S., Tour University Intl, Cyprus. Other graduate work: C.S.U., Chico; University of Southern California, Los Angeles; Touro University International Experience: Fremont Medical Center, Yuba City; Ortho Medical Group, Yuba City; Woodland Clinic Medical Group, Woodland; Yuba College since 1991.

PEGGY J. XANDEREN

Language Arts
A.A., Mendicino Community College, Ukiah; B.A., U.C., Davis; M.A., Sonoma State University, Rohnert Park; M.A., Northwestern University, Louisiana. Experience: Kelseviley High School; Yuba College since 1997.

PAMELA BORIDSO

Counselor, EOP/Social Aid

ROBERT CABRERO

Food Service Management/Culinary Arts
A.S., Yuba College; B.A., Yuba College; Diploma/Western Culinary Institute. Experience: Suffer Lakeside Hospital, Yuba College. Robinson Rancheria/Casino & Bingo, Konocti Harbor Resort & Spa. Yuba College since 2006.

A.S., Yuba College; B.A., Yuba College; Culinary Diploma, Western Culinary Institute. Experience: Suffer Lakeside Hospital, Yuba College. Robinson Rancheria/Casino & Bingo, Konocti Harbor Resort & Spa. Yuba College since 2006.
Academic Faculty and Administrators

LAURA DALY
Early Childhood Education
B.A., Pacific Union College; MA, Sonoma State; Ed.D. Mills College. Experience: Yuba College, Pacific Union College; Mills College; Field/MyLambda Prod; Viscom Cable & TCI; Terra Linda Nursery School; SanAnselmoDaycares/Preschool; Yuba College since August 2003.

JENNIFER L. HANSON
Business/Economics

ANNETTE LEE
Executive Dean

HAROLD W. LYONS
Biology
B.S., Rutgers University, New Jersey; M.S., Ph.D., U.C., San Diego. Other graduate work: Stanford University. Experience: University of Oregon, Charleston; Seattle University, Washington; University of British Columbia, Canada; Yuba College since 1995.

MICKIE MAIN
BCA Instructor
AS, Yuba College. Experience: Yuba College; Lake County Office of Education; Mickie Main & Associates; Lake County Computer Training Center YCCD since August 2008 (Adjunct since Spring 1989).

HEIDI F. MORGAN
Psychology
B.A., Antioch University, Ohio; M.A., Sonoma State University, Rohner Park; Ed.D USF. Experience: Sonoma State University, Rohner Park; Santa Rosa Junior College; Kansai Gaidai Hawaii College, Honolulu; Yuba College since 1996.

MICHAEL PAPIN
Mathematics
B.A., MA San Diego State University. Experience: Mendocino College, Redwood Academy Charter School, Ukiah; Ashmont Secondary School; U.C., San-Diego; San Diego State University; Yuba College since 2003.

DOUGLAS HOUSTON
Chancellor
B.S., M.S., Florida; Ed.D., Pepperdine University. Experience: Lassen Community College District, Susanville; Butte-Glenn Community College District, Oroville; BARSTOW COMMUNITY COLLEGE DISTRICT, BARSTOW, UNITED STATES ARMY – FORT IRWIN, CALIFORNIA; UNITED STATES MILITARY ACADEMY – WEST POINT, NEW YORK; UNITED STATES AIR FORCE – FORT CAMPBELL, COLORADO; SANTA FE COMMUNITY COLLEGE, GAINESVILLE, YCCD since 2011.

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### Important Phone Numbers

**Yuba College:**

*All phone numbers begin with area code (530)*

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<thead>
<tr>
<th>Department/Office</th>
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<td>Admissions and Records Office</td>
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<td>Applied Academics Division (Most Career Technical Education Departments)</td>
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<td>Workforce Innovation Opportunity Act (WIOA)</td>
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<td>Writing and Language Development Ctr</td>
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**Sutter County Center:**

*All phone numbers begin with area code (530)*

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**Clear Lake Campus:**

*All phone numbers begin with area code (707)*

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