

Yuba College

*A Public Community College in its
Ninety Third Year of Service*



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

Yuba College

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

Sutter County Center

3301 E. Onstott Road
Yuba City, California 95991
(530) 751-5600

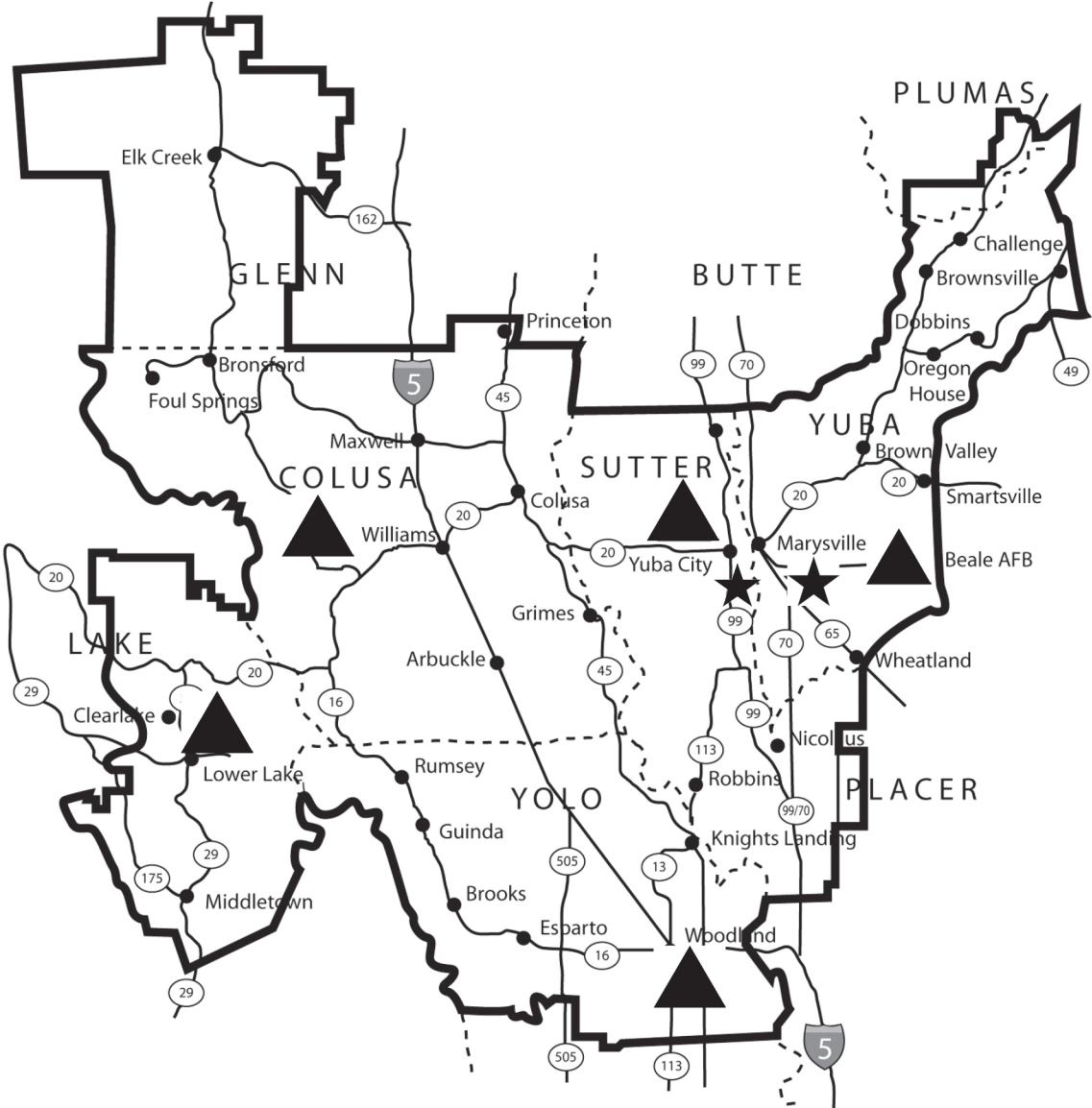
Beale AFB Outreach Services

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

This catalog is in effect from August 2020 - July 2021.

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 2020 and Spring 2021).



Legend

- District Boundary
- Roadways
- County Lines
- Yuba College and District Office
- District Campuses and Centers

2020-21 Catalog Table of Contents

	Page
District Map.....	2
District Calendar	4
President’s Welcome	7
District Organization	8
District Information.....	10
Accreditation, Goals, Mission and Philosophy	11
Programs and Services	14
Admissions	24
Registration Procedures	27
Student Fees and Expenses	30
Financial Aid	32
College Life.....	35
Academic Regulations and Information.....	40
General Education and Graduation Requirements	53
Transfer Requirements and Information.....	55
Programs and Options.....	64
Course Information	70
Programs and Courses.....	73
Classified Staff.....	216
Academic Faculty and Administrators	218
Index.....	222
Campus Map	224
Important Phone Numbers	Inside Front

Cover Grad Photo Contributed by: Patricia Moreno, Photography Student



Summer 2020

June 15	Summer Session 2020 commences for regular six-week summer classes
June 17	Last day to add a class/register for classes
June 22	*Refund deadline for six-week classes
June 22	*Last day to drop class(es) to prevent “W” grade(s) on permanent record for six-week classes
June 22	*Census date for six-week classes
July 1	Deadline to apply for summer 2020 graduation
July 2	Academic and administrative holiday – Independence Day (Thursday)
July 9	*Last day to drop a class with a “W” for six-week classes
July 23	Regular six-week classes end
August 6	Eight-week classes end

Fall 2020

Fall Semester 2020 - 84 days of regular instruction

August 12	CONVOCATION – CAMPUS CLOSED
August 13-14	Professional Development Days (optional flex activities) – NO CLASSES
August 17	INSTRUCTION BEGINS FOR FALL SEMESTER
August 21	** Last day to add courses or register without special permission
August 28	** Last day to be eligible for refund of enrollment, parking, student health fee, and non-resident tuition
September 2	Cal Grant deadline
September 4	Instructors are to drop No Shows for Census Roster Clearance
September 4	** Last day to drop class(es) to prevent “W” grade(s) on permanent record
September 7	Academic and administrative holiday – Labor Day (Monday)
September 8	Census date for full-term classes (Tuesday)
September 17	Constitution Day (observance) – activities to be announced
September 18	** Last day to elect Pass/No Pass grading option
September 29	Professional Development Day (optional flex activities) – NO CLASSES
October 30	Professional Development Day (optional flex activities) – NO CLASSES
November 11	Academic and administrative holiday – Veterans Day observed (Wednesday)
November 13	** Last day to drop class(es) with a “W” grade on permanent record
November 15	Deadline to apply for fall 2020 graduation
November 26-27	Academic and administrative holiday – Thanksgiving (Thursday – Friday)
December 1	Closing date for International Student Applications for spring 2021
December 7-18	Limited extracurricular student activities
December 14-18	Final examination period
December 18	Conclusion of fall semester
December 23	Grades from instructors are due for fall 2020 semester
December 24 – Jan 1	Winter recess – all offices CLOSED

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

Spring 2021

Spring Semester 2021 – 83 days of regular instruction

January 18	Academic and administrative holiday – Martin Luther King Day observance (Monday)
January 19-22	Professional Development Days (optional flex activities) – NO CLASSES
January 25	INSTRUCTION BEGINS FOR SPRING SEMESTER
January 29	**Last day to add courses or register without special permission
February 5	**Last day to be eligible for refund of enrollment, parking, student health fee, and non-resident tuition
February 5	Instructors are to drop No Shows for Census Roster Clearance
February 5	**Last day to drop class(es) without a “W” grade on permanent record
February 8	Census date for full-term classes
February 12	Academic and administrative holiday – Lincoln’s Birthday observance (Friday)
February 15	Academic and administrative holiday – Washington’s Birthday observance (Monday)
February 26	**Last day to elect Pass/No Pass grading option
March 2	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
March 29-April 2	Spring recess; academic holidays (Monday-Friday)
March 31-April 2	Administrative holiday (Wednesday-Friday)
April 15	Deadline to apply for spring 2021 graduation
April 30	**Last day to drop class(es) with a “W” grade on permanent record
May 14	Closing date for International Student Applications for fall 2021
May 17-28	Limited student activities
May 24-28	Final examination period
May 28	Commencement ceremonies
May 28	Conclusion of spring semester
May 31	Academic and administrative holiday – Memorial Day observance (Monday)
June 3	Grades from instructors are due for spring 2021 semester

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

Summer 2021

June 14	Summer Session 2021 commences (regular 6-week summer classes will end on July 22; other classes have different dates)
July 1	Deadline to apply for summer 2021 graduation
July 5	Academic and administrative holiday – Independence Day observed (Monday)

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

Yuba Community College District
2020-21

June 2020						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

July 2020						
Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

August 2020						
Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

September 2020						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

October 2020						
Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

November 2020						
Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

December 2020						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

17 17 17 17 16 0 = 84 days

SUMMER SESSION 2020
First 6 Weeks: 6/15 - 7/23
8 Weeks: 6/15 - 8/6

FALL SEMESTER 2020
Full-Term: 8/17 - 12/18
Finals Week: 12/14 - 12/18
First 9 Weeks: 8/17 - 10/16
Last 9 Weeks: 10/19 - 12/18

SPRING SEMESTER 2021
Full-Term: 1/25 - 5/28
Finals Week: 5/24 - 5/28
Spring Break: 3/29 - 4/2
First 9 Weeks: 1/25 - 3/26
Last 9 Weeks: 4/5 - 5/28

CONVOCATION - CAMPUS CLOSED
2020: 8/12
2021: 8/11*

PROFESSIONAL DEVELOPMENT DAYS - NO CLASSES/CAMPUS OPEN (Optional Flex Activities)
2020: 8/13-8/14, 9/29, 10/30
2021: 1/19-1/22, 8/12*-8/13*

CAMPUS CLOSED
2020: 6/5, 6/12, 6/19, 6/26, 7/3, 7/10, 7/17, 7/24, 7/31
2021: 6/11, 6/18, 6/25, 7/2, 7/9, 7/16, 7/23, 7/30

HOLIDAYS - CAMPUS CLOSED
2020: 7/2, 9/7, 11/11, 11/26-11/27, 12/24-12/31
2021: 1/1, 1/18, 2/12, 2/15, 3/31-4/2, 5/31, 7/5

NO CLASSES - CAMPUS OPEN
2020: 6/1-6/4, 6/8-6/11, 8/7, 8/10-8/11, 8/13-8/14, 9/29, 10/30, 12/21-12/23
2021: 1/4-1/8, 1/11-1/15, 1/19-1/22, 3/29-3/30, 6/1-6/4, 6/7-6/10, 8/6*, 8/9*-8/10*, 8/12*-8/13*

COMMENCEMENT
2021: 5/28

INSTRUCTIONAL DAYS		
	Days	Weeks
Fall Semester	84 days	18
Spring Semester	83 days	17
Convocation	1 days	
Flex Days (Prof. Dev. Days)	8 days	
TOTAL	176 days	35

*The schedule for August 2021 is subject to change.

August 2021*						
Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

83 days

January 2021						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

February 2021						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

March 2021						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

April 2021						
Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

May 2021						
Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	★	29
30	31					

June 2021						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

July 2021						
Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

= 16 17 17 17 16 0

President’s Welcome



Welcome to Yuba College!

We’re glad you’ve chosen to make YC a part of your pathway to success.

Becoming a 49er means you are a part of a community that will support you from the beginning to achieve your success. Our mission is to prepare a diverse student population to excel in a rapidly changing, interdependent world. At YC, you’ll find tutoring services, academic coun-

selors, and other resources to support your educational path. You’ll also find athletics, clubs, organizations, and service opportunities to create a holistic environment to pursue your goals.

Whether you are here to explore a new career, take your first college classes, seek personal enrichment, or start on a transfer degree pathway for your bachelor’s degree, you will find mentors in our faculty, staff, coaches, and the administration that will last throughout your journey.

The beginning of any academic year brings both excitement and nervousness. This journey will require endurance, persistence, and grit. We are here to encourage you as you navigate one of our 115 degree and certification options, along with the other 9,000 students we serve each year.

As an open-access institution, we aim to meet students where they are and connect them to the resources they need to succeed. Our affordable and high-quality programs meet the needs of our community. We work closely with industry partners to ensure our students leave our professional-technical programs ready to work. We also partner with four-year institutions to align our courses for transfer opportunities.

Since 1927, we’ve been a part of the Yuba/Sutter County areas. We’ve awarded more than 12,000 degrees and certificates in just the last 20 years. Our goal is to continue to be a school of choice that leads you to the career, degree, or pathway you’ve designed.

This is your college. Our goal is to help you reach your highest potential.

Welcome!

Dr. Tawny M. Dotson
President, Yuba College

Queridos Estudiantes,

¡Bienvenidos a Yuba College!

Nos complace que hayas elegido a Yuba College como una parte de tu camino hacia el éxito.

Convertirse en un 49er significa que eres parte de una comunidad que te apoyara desde el principio para lograr tu éxito. Nuestra mision es preparar a una población estudiantil diversa para sobresalir en un mundo interdependiente que cambia rapidamente. En Yuba College, encontraras servicios de tutoria, consejeros académicos y otros recursos para apoyar tu camino educativo. También encontraras oportunidades de atletismo, clubes, organizaciones y servicios para crear un entorno holístico para alcanzar tus objetivos.

Ya sea que estes aqui para explorar una nueva carrera, tomes tus primeras clases universitarias, busques enriquecimiento personal o comiences un camino de tranferencia de grado para tu licenciatura, encontraras mentores en nuestra facultad, personal, entrenadores y la administración que duraran a lo largo de tu viaje.

El comienzo de cualquier año académico trae tanto emoción como nerviosismo. Este viaje requerirá resitencia, persistencia y valor. Estamos aquí para alentarte mientras navegas por una de nuestras 115 opciones de grado y certificación, junto con los otros 9,000 estudiantes que atendemos cada año.

Como institución de acceso abierto, nuestro objetivo es conocer a los estudiantes donde están y conectarlos con los recursos que necesitan para tener éxito. Nuestros programas económicos y de alta calidad satisfacen las necesidades de nuestra comunidad. Trabajamos en estrecha colaboración con socios de la industria para garantizar que nuestros estudiantes dejen nuestros programas técnico-profesionales listos para trabajar. Tambien nos asociamos con instituciones de cuatro años para alinear nuestros cursos para oportunidades de transferencia.

Desde 1927, hemos sido parte de las áreas del condado de Yuba – Sutter. Hemos otorgado más de 12,000 grados y certificados en solo los últimos 20 años. Nuestro objetivo es continuar siendo una escuela de elección que te lleve a la carrera, título o trayectoria que has diseñado.

Esta es tu universidad. Nuestro objetivo es ayudarte a alcanzar tu máximo potencial.

¡Bienvenidos!

Dr. Tawny M. Dotson
President, Yuba College

2020-2021
District Organization

Governing Board

Table with 2 columns: Name and Position. Includes Richard Teagarden (Board President), David Wheeler (Vice President), Susan Alves (Clerk of the Board), and various Trustees for Areas 1-7 and Yuba College/Woodland Community College.

District Offices

Table with 2 columns: Position and Name. Includes Chancellor (Dr. Douglas B. Houston), Vice Chancellors (Dr. Sonja Lolland, Kuldeep Kaur), and Chief Officers (Donald Grady, Devin Crosby).

Yuba College

Table with 2 columns: Position and Name. Includes President (Dr. Tawny Dotson) and Executive Vice President (Dr. Carla Tweed).

Divisions:

Table with 2 columns: Division and Name. Includes Applied Academics (Dr. Pete Villarreal, Dean).

Table with 4 columns: Programs/Departments, Name, and Position. Lists various departments like Administration of Justice, Agriculture, Drafting, etc., and their respective directors.

Table with 2 columns: Division and Name. Includes Arts and Education (Donald Smith, Dean).

Table with 4 columns: Programs/Departments, Name, and Position. Lists departments like Art, College Success Center, French, etc., and their respective directors.

District Organization

Table with 2 columns: Position and Name. Includes Director, Child Development Programs (Karen Stanis).

Table with 2 columns: Division and Name. Includes STEM and Outreach Campuses (Dr. Michael Bagley, Dean).

Table with 4 columns: Programs/Departments, Name, and Position. Lists various departments like Biology, Chemistry, History, etc., and their respective directors.

Table with 2 columns: Position and Name. Includes Director, Campus Operations (Roy Martin).

Table with 2 columns: Division and Name. Includes Student Services (Dr. Dwayne Hunt, Vice President).

Table with 4 columns: Programs/Departments, Name, and Position. Lists various departments like Admissions and Records, Counseling, etc., and their respective directors.

Table with 2 columns: Position and Name. Includes Director, Counseling (Amandeep Kandola).

Table with 2 columns: Position and Name. Includes Director, Financial Aid (Martin Gutierrez).

Table with 2 columns: Position and Name. Includes Director, EOPS/CARE/CalWORKs (Cris Sanchez).

Table with 2 columns: Position and Name. Includes Director, Upward Bound (Kao Lee Vang).

Table with 2 columns: Position and Name. Includes Student Success and Institutional Effectiveness (Jeremy Brown, Dean).

Table with 2 columns: Position and Name. Includes Director, Academic Excellence (Kristina Vannucci).



District Information

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. The district has two colleges, Yuba College and Woodland Community College.

Yuba College

Yuba College, in its 93rd 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 93 years, Yuba College has been providing quality education and has earned a reputation as an educational leader in Northern California. Yuba College offers technical and occupational classes to help gain or improve job skills. The California State University (CSU) system reports that students who transfer from California Community Colleges, such as Yuba, consistently earn better grades than students who go directly to a CSU from high school. Yuba College offers classes that transfer to CSU, the University of California (UC) and many private universities. An experienced and well-trained faculty offer instruction in over 90 departments totaling more than 1,000 courses.

Sutter County Center

The Sutter County Center, located in north Yuba City at 3301 E. Onstott Road, prepares students for transfer to baccalaureate-granting institutions, for entry into the job market, or for further career development. The Sutter County Center's primary course offerings are transfer and general education courses; however, 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.

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, Beale Air Force Base. 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.

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, tutoring facilities and other laboratories on campus. As part of the Measure J facilities project, the college renovated the old library building into a one-stop student services building; the administration building was also renovated to include offices for the President and Vice President, Academic Senate, a Multi-Cultural Enrichment Center and a Student Center.

Lake County Campus

Courses have been offered in this region since the fall semester of 1972. The Campus is located off Highway 53 in the City of Clearlake. In 2012 the campus added 26,600 sq. ft. to the existing facilities. The expansion added a new student services center that includes a new library, three computer labs, and a vast array of important student services. The new facilities also include a "state-of-the-art kitchen" and dining room for the Culinary Arts Program and new classrooms/labs for Biology, Chemistry and Early Childhood Education courses.

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

Colusa County Outreach Facility

The Woodland Community College Colusa County Campus is located at 99 Ella Street in Williams, 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 admission, registration, assessment, financial aid and counseling. The facility also hosts an SSS/TRIO program offered to support English as a Second Language students.

Accreditation, College Goals, Mission and Philosophy

This catalog provides important information to help students plan for college. It includes course information, resources, and services available; academic program descriptions; degree requirements; and information about College policies and procedures.

Each student must assume complete responsibility for compliance with the instructions and regulations set forth herein. However, the information in this catalog is not to be regarded as an irrevocable contract between the student and the College. The College reserves the right to change any provision or requirement at any time.

The College assumes no responsibility for misinterpretation by a student of policies and procedures as presented in this catalog. Counselors and administrators are available to advise and assist students in meeting necessary requirements.

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

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

Accreditation

Yuba College is accredited by the *Accrediting Commission for Community and Junior Colleges* of the *Western Association of Schools and Colleges* (10 Commercial Blvd.; Suite 204; Novato, CA 94949; (415) 506-0234), an institutional accrediting body recognized by the *Commission on Recognition of Postsecondary Accreditation* and the *U.S. Department of Education*. The College is recognized as a two-year institution of collegiate grade by the *University of California system*, *California State University system*, *California Community Colleges*, the *American Association of Collegiate Registrars and Admissions Officers*, and the *Veterans' Administration*. Reference may also be made to the "Accredited Higher Institutions" Bulletin of the *Office of Education, U.S. Government Printing Office*; to the "Junior College Directory" of the *American Association of Junior Colleges*; and to "American Junior Colleges" published by the *American Council on Education*, Washington, D.C.

Supplementary Course Accreditation

Yuba College Regional Fire Academy is accredited by the California State Fire Marshal and the State Board of Fire Service. The student will also meet the requirements to proceed with the required State and National firefighting testing. Upon successful completion of the testing, the graduate (pass or) will receive California State, IFAC-International Fire Service Accreditation Congress and Pro Board- National Board of Fire Service Professional Qualifications certification. The student will also be eligible to participate in either fulltime, internship or volunteer work experience programs required by the State Fire Marshal for their Firefighter I certification.

In addition, the student will also meet the requirements to proceed with the required National Registry Emergency Medical Technician exam which will qualify the graduate (who passes) as a National Certified Emergency Medical Technician and California State certification.

Nursing - California Board of Registered Nursing

Psychiatric Technician - California Board of Licensed Vocational Nursing and Psychiatric Technician.

Chemical Dependency Counselor - CCAPP (Consortium of Addiction Programs and Professionals)

Police Academy - POST. (Peace Officers Standards and Training)

832 PC. - POST & STC Peace Officers Standards and Training and Standards and Training in Corrections

POCC, COCC. & JCOC. - STC. (Standards and Training in Corrections)

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 varying 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 related to academic freedom.

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

Advantages of Yuba College

The faculty are experienced instructors, skilled in discovering and developing the interests and capabilities of their students. The ability to communicate with faculty members minimizes the danger that a student may become confused and lost in the hurry and bustle of college life and 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 an important budgetary item, especially since there is an increasing tendency for professional preparation to require more than four years of college study. Yuba College enables 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 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 transfer to a university may do so as junior (third-year) status.

Yuba College Mission Statement

Yuba College prepares a diverse student population to excel in a rapidly changing, interdependent world. Our quality programs and student services empower students to achieve their educational and life goals by providing counseling, transfer preparation, associate and transfer degrees, certificates, career and workforce training, basic skills instruction, and opportunities for lifelong learning. We respond to the diverse educational, cultural, and economic needs of our community by promoting individual potential through effective teaching and learning in an inclusive environment.

Yuba College Guiding Principles

Principle 1: Student Success and Achievement: Support an inclusive learning environment that enables all students to achieve their educational goals by promoting Connection, Entry, Progress and Completion (Completion by Design). (Aligns with YCCD Strategic Goal #1)

Principle 2: Teaching and Learning, and Support Services: Develop and scale innovative educational practices that enhance student learning and completion. (Aligns with YCCD Strategic Goal #1)

Principle 3: College Processes & Systems: Steward our resources through data-informed practices that continually improve service and increase efficiency. (Aligns with YCCD Strategic Goals #2 and #4)

Principle 4: Culture and Climate: Build a college-wide sense of community through collaboration, professional development, and inclusion. (Aligns with YCCD Strategic Goal #3)

Principle 5: Community Leadership and Engagement: Strengthen and develop partnerships to meet the educational, workforce, and cultural needs of our community. (Aligns with YCCD Strategic Goal #5)

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 inclusiveness 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 1991*, *Title VI 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) 741-6976 located at Yuba Community College District, 425 Plumas Blvd, Suite 200, Yuba City, CA 95991

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 disabled persons. Call Human Resources, Title IX Coordinator: (530) 741-6976 to obtain information as to the existence and location of services, activities, and facilities that are accessible to and usable by disabled 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
San Francisco, CA 94102-4102

Institutional Student Learning Outcomes

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

- 1. **Communication:** effectively use language and non-verbal communication consistent with and appropriate for the audience and purpose.
- 2. **Computation:** use appropriate mathematical concepts and methods to understand, analyze, and communicate issues in quantitative terms.
- 3. **Critical Thinking:** analyze data/information in addressing and evaluating problems and issues in making decisions.
- 4. **Global Awareness:** articulate similarities and differences among cultures, times, and environments, demonstrating an understanding of cultural pluralism and knowledge of global issues.
- 5. **Information Competency:** conduct, present and use research necessary to achieve educational, professional and personal objectives.
- 6. **Personal and Social Responsibility:** interact with others by demonstrating respect for opinions, feelings and values.
- 7. **Technological Awareness:** select and use appropriate tools for personal, academic and career tasks.
- 8. **Scientific Awareness:** understand the purpose of scientific inquiry and the implications and application of basic scientific principles.

Programs and Services

Aerospace Studies (Air Force ROTC)

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

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

Placement and Testing Center

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

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

The Yuba College Placement 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.

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

Bookstore

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

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

California Work Opportunity and Responsibility to Kids (CalWORKs)

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

Career Center

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

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

Career Technical Education Transitions (CTE)

The Yuba College Career Technical Education Transitions Program, located in Room 16 in Building 100A, 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 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 a counselor. Also visit the CTE Transitions website at <https://yc.yccd.edu/student/cte-transitions/>

Child Development Center

The Child Development Center is located in Building 1600 at Yuba College. The main objective of the Child Development Program/Lab School is to serve families of children on our college campus and in our community by providing an exemplary, developmentally appropriate early childhood program for children, families, college students and faculty through modeling best practices in the field of early childhood education.

The Yuba College Child Development Lab School follows the California State Foundations & Framework when planning activities/lesson plans for young children.

Objectives and Guiding Principles

- Children construct understanding through active interactions with caregivers, peers, materials and events.
- Learning is sequential, building on prior understanding and experiences.
- Learning proceeds at different rates in each content area/domain; children will show a range of skills and understandings in any one area of development.
- Learning in each area is interconnected. Young children learn best through integrated, meaningful experiences.
- Learning is embedded in a culture. Children learn best when their learning activities are rooted in a familiar cultural context.

Programs and Services

- Learning begins in the family, continues in early care and education settings, and depends on parent involvement and care giver guidance.
- All children have the potential to achieve learning outcomes with the appropriate supports and instruction.

Eligibility to enroll can be met by private pay or income eligibility and by meeting one of the following need criteria:

- Students with a need for childcare (There is no need requirement when attending only preschool hours.)
- Searching for work
- Working
- Incapacitated
- Searching for housing

Yuba College serves toddlers (18 months-36 months) and preschoolers (3-5 years) in a full day, part day or state preschool program (9 a.m.-12 p.m. or 2:30 p.m.-5:30 p.m.)

The Child Development Center hours of operation are: Monday-Friday 7:30 a.m.- 5:30 p.m. For more information contact the Yuba College Child Development Center at (530) 749-3808.

College Success Center

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

Academic Learning and Support Services

- scheduled collaborative learning sessions
- facilitated collaborative learning groups
- drop-in mathematics assistance (all day)
- scheduled individualized tutoring
- test and examination reviews
- Supplemental Instruction®-based Content Tutoring
- quiet study areas for groups and individuals
- access to wireless internet, computers and academic software
- test preparation materials
- assistance with research projects
- assistance with multimedia presentations

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

Math Tutoring Program: 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 1, 2L, 10A
- Chemistry 1A, 1B, 2A, 2B, 18A, 18B
- Computer Science 6, 9A, 9B, 11
- General Business 18A, 30, 56
- Learning Assistance 174
- Mathematics 1A, 1B, 1C, 2, 3, 9, 10, 15, 16, 20, 21, 25, 51, 52, 52A, 52B, 58, 59, 101
- Physics 2A, 2B, 4A, 4B
- Statistics 1

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

- Biology 1, 4, 5, 6, 10L, 15
- Ecology 10
- Early Childhood Education 1A, 1B, 3
- French 1
- Geography 1
- Geology 10L
- History 5A, 5B, 15, 17A, 17B
- Humanities 10, 11
- Music 1B, 1D, 2B, 2D, 8B, 17, 41A, 41B, 42A
- Philosophy 12, 20
- Political Science 1, 7
- Psychology 1A, 7, 12
- Sign Language 1, 2
- Sociology 1
- Spanish 1, 2, 3, 4, 20A
- Veterinarian Technology 2, 3

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

Tutoring Staff: The tutoring staff is efficient, well-trained, friendly, helpful, and knowledgeable. Tutors must possess the following qualifications and characteristics to be employed:

- 1) have an overall 3.00 grade point average or higher,
- 2) pass the course they wish to tutor with an A,
- 3) be approved by the faculty,
- 4) complete an intensive tutor training program, and
- 5) be committed to assisting students learn.

Hours of Operation:

Fall and Spring Semesters:

8:00 a.m. to 7:00 p.m. Monday through Thursday
8:00 a.m. to 5:00 p.m., Friday

Summer Session:

8:00 a.m. to 5:00 p.m., Monday through Thursday

Contact Information:

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

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 a role which enables the community to improve the quality of their lives through continuing education. There are no transcripts, grades, or academic requirements. Many classes are offered in response to an expressed interest or need by a specific population or organization.

Contracted Training

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

Benefits to local companies:

- Targeted, cost-effective, cutting-edge, return on investment training
 - Coaches, instructors, and facilitators with practical, current real world skills
 - Training focused on measurable outcomes
 - Investment in training enhances human capital (employees)
 - Customizable training schedules to meet the employer and employee needs
- Call (530) 741-6763 for a complimentary assessment.

Cooperative Work Experience Education

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

Counseling

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

Some of the services provided by counselors include:

Conducting group orientation and registration information sessions

Providing essential information concerning certificate, degree, and transfer requirements as well as college rules and regulations and students' rights and responsibilities

Assisting students in assessing and analyzing aptitudes, interests, values and personality related to career and academic planning

Assisting students in learning decision-making processes including choosing, changing, or confirming career goals and taking appropriate steps to reach those goals

Determining the best educational program for each student to achieve a chosen career

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

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

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

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

Providing workshops on a variety of topics of interest to students

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

Referring students to appropriate campus and community support services and resources

Offering Counseling (COUNS) classes for students including:

- COUNS 10-College Success
- COUNS 22-Peer Advising Seminar
- COUNS 25-Career Planning and Development
- COUNS 30-Transfer Preparation
- COUNS 35-College Study Skills
- COUNS 45-Career College Planning
- COUN 52-Pre-Employment Skills Training

For more information or to schedule an in person or distance appointment, email yubacounseling@yccd.edu or call:

- Yuba College (530) 634-7766
- CalWORKs (530) 634-7773
- DSPS (530) 741-6795 or (866) 274-7530 (VP)
- EOPS (530) 741-6995
- Sutter County Center (530) 751-5600
- Beale AFB Outreach Services (530) 788-0973

Dining Facilities

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

Sutter County Center offers grab and go food and beverages at the 49er Café which is open Monday through Thursday from 8:30 a.m.-2:00 p.m.

Distance Education/e-Learning

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

The rigor of online and ITV courses is equal to a regular course. Students need to have good time management 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: MCOMM 40, Introduction to Online Learning and LIBSC 1, Basic Research Skills.

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

Fully online courses are delivered using the YCCD eLearning course management software, Canvas, which is accessible via the eLearning website and within the MyCampus 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.

Distance Education- Student Services Programs

Yuba College Student Services programs provide distance education services to prospective and current Yuba College students for non-urgent matters through telephone and web-based modalities. For information on how to access and arrange for distance education services, see each student service program in the Programs and Services section of the Yuba College Catalog.

Disabled Student Program and Services (DSPS)

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

For more information about eligibility, to apply for services, or to schedule an in person or distance appointment, call DSPS at (530) 741-6795 (voice) or (866) 274-7530 (VP) or email dpsinfo@yccd.edu.

Dusty's Pantry

Dusty's Pantry, located in Building 100B, at the Welcome Center provides short term food assistance while helping students find a long term solution to meet their food insecurity. Students will be provided a breakfast, lunch or a family meal, along with community resources of food banks available in the community. Students will also be provided assistance in applying for CalFresh food assistance..

CalFresh is a monthly cash assistance to purchase food and fresh produce at participating farmer's markets. Yuba College assists students in applying for CalFresh food aid benefits and will also provide follow-up services to students by helping them submit all required documents. For more information visit the website: yc.yccd.edu/student/dustys-food-pantry/, or call (530) 741-8988.

Extended Day and Outreach Programs

The Outreach Program, planned to serve the diverse needs of the adult population of the entire District, accomplishes its aim through several facets:

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

Library

The Yuba College Library, located in Building 1100, offers a wide variety of information services and resources to support student learning across 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. Appointments are available to meet one-on-one with a librarian. Students may learn how to use the library and its resources by attending an orientation session or enrolling in LIBSC I - Library Research Skills which is offered online.

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

PUENTE Program

The mission of the PUENTE Program is to increase the number of students who transfer and enroll in baccalaureate level colleges and universities, earn their degree and return to the community as leaders and mentors of future generations. The program offers academic, counseling and mentoring support for students to build the skills necessary for success in both academic and career goals while in community college. Students enrolled in the program work closely with their counselor, instructor, and mentor. To qualify, students must place at English 1A and submit an application for the PUENTE Program. For more information, contact David Perez, PUENTE Counselor, at (530) 634-7770 or Zachary O'Neill, PUENTE English Professor, at (530) 741-6884.

Extended Opportunity Program and Services (EOPS)

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

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

Cooperative Agencies Resources for Education (CARE)

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

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

Financial Aid and Scholarships

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

Health Clinic (Student)

Yuba College, in partnership with Harmony Health, offers a free Student Health Clinic for minor health care and psychological needs. The clinic is located in Room 122C in Building 100B. For more information, call (530) 740-1749.

Selective Service Registration

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

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

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

Student Accident Insurance Policy

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

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

Student Success and Support Program (SSSP)

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

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

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

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

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

The College agrees to provide:

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

Students are expected to:

- Attend an orientation session
- Complete placement
- Declare a specific educational objective or career pathway after completing 15 units of degree applicable course work
- Seek counseling assistance for the development of a comprehensive education plan
- Attend classes regularly, complete assigned course work and seek out counseling services as necessary

Upward Bound

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

Upward Bound serves high school students from Live Oak, River Valley and Yuba City. The program provides opportunities for participants to succeed in a pre-college performance and ultimately in higher educational pursuits. The goal of Upward Bound is to increase the rates at which participants enroll in and graduate from institutions of post-secondary education. Additionally Upward Bound provides support to high school students in their preparation for college admission.

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

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

To learn more about the Upward Bound Program, call (530) 749-3858 or visit the Yuba College website.

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

- Complete courses and maintain progress toward an educational goal as identified in the individual student education plan
- Seek out support services as needed

Transfer Center

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

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

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

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

Umoja Program

Umoja is a Kiswahili word meaning “unity.” The college is committed to working together to meet the desired outcomes for African ancestry students at Yuba College: a commitment to working diligently for academic achievement, attainment of an associate degree and qualification for transfer to a baccalaureate level college or university. For information and an application for Umoja, contact Jeremy Brown at (530) 740-4929.

Veterans Resource Center (VRC)

The mission of the Yuba College Veterans Resource Center (VRC) is to provide academic support to the student veteran community. Located in Building 725, the Yuba College VRC is committed to military affiliated students who have chosen to make the transition from a military lifestyle to being a college student. The VRC is dedicated to assist veteran students in this transition and to help them achieve academic success. Some examples of activities in the VRC are to facilitate peer-to-peer support, mentoring, and a network of social camaraderie through the Student Veterans Association and other resources. The VRC staff partners with campus and community resources such as Financial Aid, Counseling, Disabled Student Program and Services and can assist veterans by making referrals to other community veterans' organizations such as the Yuba-Sutter County Veteran Service Officers, Yuba-Sutter Stand-Down, Cal-Vet resources and other VA Health providers. Other resources available in the VRC include a study area, computers with printer access, a book lending library and a television to relax between classes. For information call (530) 741-6822.

Veterans Services

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

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

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

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

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

Veterans Standard of Progress: A veteran student, who is receiving veteran benefits and is placed on academic probation, will have that probation reported to the Veterans Administration prior to the commencement of the next semester.

In accordance with Yuba Colleges policy on dismissal, students who remain on academic probation beyond two semesters where their cumulative GPA does not improve to a 2.0, or higher will be dismissed. The college is required to report a termination of benefits directly to the Veterans Administration due to unsatisfactory progress.

The Yuba College Certifying Official cannot certify a veteran for any class beyond that point until the GPA is above a 2.0.

Once the Certifying Official certifies or recertifies a student for re-enrollment after termination for unsatisfactory progress, the Veteran's Administration presumes that the College has determined the student's ability to maintain satisfactory progress in the future. Any student needing to be recertified will need to consult the Certifying Official for assurance that all procedures 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 such orders, a withdrawal symbol of "MW" will be assigned. Military withdrawals will not be counted in progress probation and dismissal calculations.

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

Workforce Innovation and Opportunity Act (WIOA)

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

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

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

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

Governance: The YCCD Foundation is overseen by a Board of Directors with representatives from all counties within Yuba Community College District's service area: Colusa, Lake, Sutter, Yolo, and Yuba Counties. For more information about the YCCD Foundation visit: <http://www.yccd.edu/administrative-services/foundation/default.aspx>

Yuba College Alumni and Friends

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

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

Writing and Language Development Center (WLDC)

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

- Drop-in assistance for any writing assignment
 - Help with MLA, APA, and Chicago style formatting
 - One-time or regular weekly appointments
 - Informal study space and private study rooms
 - Technology assistance and computer lab
 - Proofreading tips
 - ESL conversation groups
 - English final exam workshops
 - Kurzweil 3000 software for assisted reading and writing
 - Writing and grammar tip sheets
- For more information call (530) 740-1709.

Yuba Community College District Foundation

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

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

Admissions

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

Open Enrollment Policy

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

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

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

Admission to Impacted Programs: Admission to Impacted Programs: Impacted programs require a special application. For Associate Degree Nursing (ADN), Psychiatric Technician, Radiologic Technology call (530) 741-6784. For Veterinary Technology call (530) 741-6962, or visit the Veterinary Technology Program at <https://yc.yccd.edu/vettech>.

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

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

Dual Enrollment of High School Students: A high school student who has completed the eighth grade may be admitted on a part-time basis subject to the following requirements with the written recommendation of the high school administrator and the parent’s permission: no Physical Education/Kinesiology courses may be taken; students must have met any course prerequisite requirements; students are required to fulfill the minimum day requirement at their high school, or, for charter/home-schooled students, the parent has to verify that the proposed college course work will not interfere with the student’s basic high school course work; charter or home-schooled students must present a grade equivalency certification documenting the grade level the student has achieved; charter or home-schooled students must present a copy of the affidavit submitted to the State or County Office of Education to document the student’s involvement in an educational process; dual enrolled students receive the lowest registration priority. Students must be certified to be eligible for advanced scholastic or vocational coursework. Call the high school administrator for information concerning authorization to enroll.

Students are subject to all rules, regulations, and fees of the College. The enrollment fee, student health fee, and non-resident tuition fee will be waived for eligible students.

Application Process and Steps to Apply:

- File an application for admission.
- Submit high school and college transcripts; transcripts must be received by direct mail or electronically approved from the issuing institution or hand-carried in a sealed official envelope.
- Complete the College *Placement Process* unless exempt.
- Complete the on-line orientation to become acquainted with the College’s programs, services, academic expectations, procedures, and regulations.
- Meet with a counselor to develop an educational plan appropriate to the student’s goals and present learning skills. Counselors can suggest programs that will strengthen a student’s learning skills.

Residency Requirements

California state law mandates that each student who applies for admission provide residency information and evidence as deemed necessary by the Admissions and Records Office to determine the student’s residence 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 the student residing. If the student lives with neither parent, residency is derived from the parent with whom the student last lived. (The residence of an unmarried minor who has a parent living cannot be changed by the student’s 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 resident 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 three years immediately prior to being discharged will be exempt from the non resident fees. Establishment of residency requires physical presence and acts of intent 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. (Obtain an AB 540/AB 2000 form online at the Admissions and Records Forms tab.)

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 \$750.00 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 residence 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, they must not have 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 reclassification as a nonresident and payment of nonresident tuition or exclusion from class(es) upon notification. Students classified as nonresidents may appeal the decision within 30 days of the date of the residence classification decision.

All students classified as nonresident are required to pay *Nonresident Tuition Fee*; the *Enrollment Fee*; and the *Student Health Fee* each semester. (See Schedule of Classes for current fee amounts.) Nonresident fees are refundable up to the end of the second week of instruction 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 associate degree and/or transfer programs. International students applying for admission must request an International Student application packet from the Dean, Student Services by calling (530) 741-6705.

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

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

- Pay *Tuition, Enrollment Fees and the Student Health Fee* at the time of registration. (See current fees in Schedule of Classes.)
- Complete the required application packet which consists of:
 1. Application form, including a recent photograph.
 2. Copies of high school and college transcripts.
 3. A TOEFL examination with test scores sent from the testing service to Yuba College (minimum score of 152 on the Computer-based test, or 53 on the Internet-based test is required.)
 4. A letter of English Proficiency.
 5. A certified financial statement, showing evidence of support, in U.S. dollars, for the duration of the time in the U.S. (should be able to provide approximately \$21,000 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.
 8. A \$25 Application Processing Fee.

International students accepted for admission are required to:

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

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

Student Success Act of 2012

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

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

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

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

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

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

For more information contact Admission and Records at (530) 741-6720 or email ycadmissions@yccd.edu.

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 their major(s), degree and transfer including electives before registering online through WebAdvisor.

Students must assume complete responsibility for fulfilling all requirements to meet planned objectives. Students on probation should carefully consider the consequences of their status 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 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” section for other information.)

Enrollment Priorities

Administrative Procedure 5055 provides information for the Enrollment Priorities process. Effective the Summer/Fall 2014 registration period the Enrollment Priorities criteria changed and students should review the administrative procedure to attain the current policy requirements: <http://www.boarddocs.com/ca/yccd/Board.nsf/goto?open&id=A7E2FU020616>

Change in Enrollment

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

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

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

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

Maximum Unit Load

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

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

Placement

The purpose of placement is to assess each student’s skills in mathematics, reading and English and determine the appropriate course placement in each discipline. The placement evaluates each of the student’s reading, mathematics, and writing skills based on the student’s GPA and other information supplied by the student. The placement system is designed to place students into courses in which they may build on their current skills and advance through the curriculum at the pace best suited to their needs and abilities. Students with disabilities or special placement needs should discuss options and accommodations with a counselor or Disabled Student Program and Services staff. The Yuba College Placement and Testing Center complies with the provisions of the Americans with Disabilities Act.

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

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

Placement Levels: Placement scores identify the course level appropriate for each student’s level of academic skill in English, and mathematics. 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 Exemptions: Students who have completed transfer level math and/or English classes at another college may be exempt from the placement. Students will need to provide official transcripts to the Records office to receive credit for courses completed. Students will also need to provide unofficial transcripts to the counseling office for their Education Plan development and prerequisite exemption.

Scheduling Placement: Placement is offered at all locations of Yuba College. Students who are required to complete Placement should contact the Placement and Testing Center at Yuba College (530) 741-6864, Beale AFB Outreach Services (530) 788- 0973 or Sutter County Center (530) 751-5600.

Placement Levels

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

ENGLISH			
Criteria	Test Placement	YCCD Course Placement	
HSGPA ≥ 2.6	1105	English 1A	
HSGPA ≥ 1.9 but < 2.6	1104	English 1A with English 10 (Recommended)	
HSGPA < 1.9	1103	English 1A with English 10 (Required)	

MATH (for BSTEM Programs)			
Criteria	Grade	Test Placement	YCCD Course Placement
HSGPA ≥ 3.5 AND Pre-Calculus OR HSGPA ≥ 3.0 AND Calculus	B- or above C- or above	2109	Math 1A
HSGPA ≥ 3.2 AND Algebra 2 or Integrated 3 OR HSGPA ≥ 3.0 AND Pre-Calculus	B- or above C- or above	2108	Math 9, 20, 21
All Other Students	N/A	2105	Math 52, 59

MATH (for Liberal Arts Programs)			
Criteria	Test Placement	YCCD Course Placement	
HSGPA ≥ 3.0 OR HSGPA ≥ 2.3 AND Pre-Calculus	2113	Stat I	
HSGPA ≥ 2.3 but < 3.0	2112	Stat I with Stat 100 (Recommended)	
HSGPA < 2.3	2111	Stat I with Stat 100 (Strongly Recommended)	

- Considerations:
- Utilize cumulative HSGPA, choose weighted or unweighted based on higher placement per AB705.
 - Student must have a C- or above to meet criteria.

Placement Level	Placement Courses	Supplemental ESL Courses
4001	ESL 515	ESL 512, 514
4002	ESL 525	ESL 522, 524 and 526L
4003	ESL 535	ESL 533, 539ECE and 539MAT
4004	ESL 545	ESL 543, 546LR and 549COM
4005	ESL 255	ESL 253, 258, 259EMP and 259MAT
4006	ESL 265	ESL 263, 268
4007	ESL 116A	ESL 40A
4008	ESL 116B	

Schedule of Classes

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

ADVISORY PLACEMENT LEVELS FOR COURSES REQUIRING COLLEGE-LEVEL SKILLS.

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

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

1. Achieving an English placement level of 1105,
2. Achieving a grade of “C” or better in English 51 or 56,
3. Achieving eligibility to enroll in English 1A, 1B, or 1C,
4. Possessing an A.A. or A.S. degree or higher.

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

1. Achieving a math placement level of 2105 or higher,
2. Achieving a grade of “C” or better in Math 101 or Math 101B,
3. Achieving eligibility to enroll in Math 51, 52, 55, or 58,
4. Possessing an A.A. or A.S. degree or higher

The (C) designation means that the content of the course is such that the student must have computer literacy skills to successfully complete the course. Students may meet the requirements for (C) by having basic computer skills.

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 exemption* under State mandates) are subject to an *Enrollment Fee*. These fees are established by the State legislature and are determined at the time of enrollment by the student's unit load. The current fee is \$46 per unit.

*Exemptions: State regulations provide the following three programs to help eligible low income students with California residence status to have the *Enrollment Fee* waived.

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

- California College Promise Grant (CCPG) Program A. For any student who, at the time of registration, is a recipient of (1) TANF (Temporary Assistance for Needy Families); (2) SSI/SSP (Supplementary Security Income/State Supplementary Program); (3) General Assistance/General Relief Program; or (4) The California Department of Veteran Affairs or the National Guard Adjutant General's Certification of Eligibility for a dependent's fee waiver.
- California College Promise Grant (CCPG) Program B. For low income students who meet eligibility requirements.
- California College Promise Grant (CCPG) Program C. For low income students who qualify for Financial Aid.

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

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

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

Students Must:

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

Measurement of these standards began in fall 2016.

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

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

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

The appeals process for extenuating circumstances includes:

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

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

Student Fees and Expenses

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 American 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 the 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 may be refunded.

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

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

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

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

At the end of each fiscal year any credits on the student account will first be applied to other outstanding fees. Any remaining credits will be issued by refund to the student. It is the student's responsibility to provide and maintain current address and telephone number information through WebAdvisor or through the Admissions and Records Office.

PARKING PERMIT. Students who withdraw from classes before the thirteenth day of the semester may apply for a refund of the *Parking Permit*. The parking permit must be returned to the Campus Police Office to qualify for the refund. At that time, the Campus Police will void the parking permit, and a refund will be posted to the student's account, less an administrative processing fee.

NONRESIDENT/NON-CITIZEN TUITION. Students who have not established California residency in accordance with state regulations (see "Residency" section), will be required to pay the *Nonresident Tuition Fee* of \$280 per unit. Students who are both citizens and residents of a foreign country are required to pay \$280 per unit.

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

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

Parking fees are nonrefundable after the fourteenth calendar day of the full-semester.

ASSOCIATED STUDENTS OF YUBA COLLEGE (ASYC). 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. Per AB 1504, students have the option to support student government by accepting a \$2 fee.

TEXTBOOKS, SUPPLIES AND OTHER RELATED COSTS. All students should be prepared to purchase their own books, which are sold at the college Bookstore. Direct school expenses for the entire year, including books, will probably average \$600 to \$700; book costs for pre-professional students (such as engineering and medicine) will run somewhat higher.

Yuba College offers some courses with zero cost textbooks. Review course sections identified as zero cost textbooks on WebAdvisor.

Students in some health-care courses and programs (such as Nursing, Psychiatric Technology, Radiologic Technology) are required to pay for drug testing, film badges, a background check, and other related items for the program. The California College Promise Grant does not cover these expenses.

Students may be required to provide instructional materials required for a credit or non-credit course. Such materials shall be of continuing value to a student outside of the classroom setting and shall not be solely or exclusively available from the District (See Administrative Procedure 5031).

Average Expenses Included in the 2020-2021 Yuba College Financial Aid Budget for a CA Resident Student Living at Home

*State-mandated Enrollment Fee	\$1,124
Books and Supplies	1,080
Food and Housing	8,780
Transportation	938
Misc Personal Expenses	1,225
Total	\$13,147

*Based on 12 units per semester plus \$10 Student Health Fee per semester
Source: California Student Aid Commission

2020-2021 Catalog

Financial Aid

FINANCIAL AID

The role of the Financial Aid Office is to help eligible students pursue their educational goals. The objective is to provide funds and services to eligible students, following institutional, state and federal regulations. Financial Aid has offices at Yuba College and the Sutter County Center. For questions call (530) 749-7999 or visit the website at: yc.yccd.edu/student/financialaid

Criteria and Procedures for Financial Aid

The application form to be used for most financial aid programs is the Free Application for Federal Student Aid Program (FAFSA). In order to determine “need” for financial aid funds, taxable and nontaxable income information is necessary. 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 as early as October 1st, and are processed on a first-come, first-served basis. All awards are based on student eligibility and available funds. To be able to receive Financial Aid funds, eligible students must have a complete file with the Financial Aid Office 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 Financial Aid approved educational goal. The specific requirements are described and included in the Yuba College Financial Aid Guide available at the Financial Aid Office and posted on the Financial Aid web site at yc.yccd.edu. Academic Progress towards the students' identified educational goal is required in order to continue receiving funds. Failure to make academic progress or be enrolled in required courses to achieve the educational goal may result in termination of Financial Aid.

RETURN TO TITLE 4 (R2T4). Students who drop completely or withdraw from classes prior to completing 60% of the term may be required to repay any unearned federal funds to Yuba College or to the Department of Education, per Federal regulations.

Programs Available to Yuba College Students

- **Scholarships.** Many scholarships are available to help students meet the cost of their education. These scholarships become available through private support from individuals and organizations in the Yuba College community who have contributed to scholarship funds.

Most scholarships are based on academic achievement; others are based on financial need. A complete listing of all scholarships offered, eligibility requirements, deadline dates, and application information is available in the scholarship handbook posted on the Financial Aid web site at yc.yccd.edu.

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

- **College Promise Program.** Starting in Fall 2019, the Yuba College Promise Program will pay tuition for all new, first-time, full-time college students up to 15 units per semester. All first-time college students, including students who earned college units while still in high school who:

- are California Residents or AB 540 eligible
- complete a FAFSA or CA Dream Act Application,
- enroll in and complete 12 or more units.

Note: full time is considered 12 units or more This program is not awarded on the basis of financial need. Yuba College students qualify for free tuition for up to 15 units per semester.

Note: If students have 16 units or more they will be responsible for the tuition difference. The Promise Program covers tuition for 15 units per semester for the first two semesters of enrollment and if eligibility is maintained a second year will be covered as well. How do students retain program eligibility? Students must complete 12 units with a 2.0 minimum in the first term (Fall), the tuition waiver will be terminated in the following term (Spring) if the student does meet the program requirements.

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

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

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

AB 540 and the California Dream Act

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

AB 540 Eligibility Requirements:

- Attended a combination of California high school, adult school, and community college for the equivalent of three (3) years or more or
- Three (3) or more years of California high school coursework and attended a combination of California elementary, secondary, and high school of three (3) years or more. AND
- Graduated with a California high school diploma or have the equivalent (i.e. California-issued GED, CHSPE) or
- Completed an associate's degree from a California Community College or
- Completed the minimum requirements at a California Community College for transfer to the California State University or the University of California.
- 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 130 allows students, who meet AB 540 criteria (California Education Code 68130.5(a)), to apply for and receive non-state funded scholarships for public colleges and universities; AB 131 allows students, who meet AB 540 criteria, to apply for and receive state-funded financial aid such as institutional grants, California College Promise Grant, Cal Grant and Chaffee Grant. Therefore, AB 540 students are allowed to apply for the following types of financial aid:

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

If eligible for AB 540, students must:

- Contact the Admissions and Records Office to complete the Affidavit form and provide 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 submit a California Dream Act application available at: <https://dream.csac.ca.gov/>

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

AB 2248 Student Financial Aid: Cal Grant Program

Cal Grant award, except Cal Grant C, is limited to four academic years, except for a current or former foster youth, Cal Grant B awards may be renewed for a total of the equivalent of eight years of full-time attendance in an undergraduate program, provided minimum financial need exists. A student needs to take 15 units per semester or equivalent quarter units, or 30 semester units or equivalent quarter units per academic year, in order to graduate in four years.

Hope Scholarship (Tax Relief) and Lifetime Learning Credit

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

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



College Life

Athletics

Yuba College is a member of the *Bay Valley Conference, Northern California Football Conference, California Community College Athletic Association (CCCAA), which functions as part of the Community College League of California*, and participates in men's and women's basketball, baseball, football, men's and women's soccer, men's and women's track & field, softball, and volleyball. (Refer to page 41, "Athletic Eligibility")

Campus Police Department

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

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

Campus Patrols: The Yuba Community College District Police Department uses uniformed and non-uniformed officers to patrol the campuses in cars, on bicycles and on foot. These patrols are conducted on the roadways and walkways of the campus, as well as in buildings.

Safety Escort Service: Students who feel fearful walking on campus may request a safety escort by dialing extension 6771 from any campus phone or (530) 741-6771 from other phones. After business hours, call the Campus Police cellular phone at (530) 870-1158. Provide the YCCDPD Officer with the current location and intended destination on campus. If there are special circumstances or risks the student knows about, be sure to share them with the officer. Subject to availability, an officer will be dispatched to the students location to walk with the student to the desired destination. An officer may wish to transport the student in a vehicle if it is more practical based on conditions.

Vehicle Jumpstart Courtesy Service: Police vehicles are equipped with battery jumpstart systems to allow officers to attempt to assist motorists who have discharged batteries. This service is provided at no charge, subject to officer availability and is performed only if the vehicle owner accepts the risk of damage. Normally there is very little risk, however officers are not trained mechanics, and from time to time damage may occur. Persons who have insurance coverage for jumpstart service or who do not want to accept the risk of damage should call a professional mechanic.

Sex Offender Registration Program: Sex offenders are required to register the first five days of the semester they have registered for classes. The registration remains on file during consecutive course attendance, but are required to unregister if they are no longer going to be attending any of the educational sites.

Jeanne Clery Disclosure: In compliance with the Jeanne Clery Disclosure of Campus Security Policy and Crime Statistics Act, Yuba College publishes and distributes an annual security report. The report includes statistics for the previous three years concerning reported crimes that occurred on campus, in off campus buildings or property owned or controlled by Yuba College, and on public property within or immediately adjacent to and accessible from the campus. The report may be obtained at the Yuba College Police Office or online at: www.yccd.edu/central-services/campus-safety/jeanne-clery-report/

Police Cadet Program: The Police Cadet Program employs a diverse group of Yuba Community College District students. Its mission is to provide outreach to the campus community, while helping to deter crime, and enforcement of the district parking policy. Police Cadets provide high visibility, uniformed patrol of the campus. This includes, but is not limited to, the campus, buildings, and parking lots. They act as additional "eyes and ears" to the police department.

Children in Class

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

Clubs and Organizations

Clubs and organizations cater to and meet the academic, social, and political needs of a wide variety of students; they provide participation in extracurricular activities both on- and off-campus. Information concerning clubs and organizations can be obtained from the Student Council by calling (530) 741-6829 or visiting yc.yccd.edu. Certain clubs listed below may not be active during the current academic year (depends largely on student participation).

- Associated Students of Yuba College
- Associate Degree Nursing (ADN) Club
- Auto Club
- CNSA
- Green Futures
- Yuba College Literary Arts Club
- Math Club
- Media Club
- Psychology
- Psych Tech
- Puente
- Spanish Organization of Yuba College (SOY)
- Speech Club
- Student Veterans Association
- Umoja (Black Students Union)
- Yuba College Democrats
- Yuba College Student Veterans Assn.
- Veterinary Technology Club

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

Colors and Nickname

The college colors are navy blue and gold. The nickname of the college teams are the "49'ers." The mascot is Dusty the Forty Niner.

Conduct and Discipline

If a student's conduct violates District rules or regulations, the *Code of Conduct for Students*, or public laws, the student will be subject to one of the forms of "sanctions" included in the Code, which are:

- Removal from class.** An instructor may remove a student from his or her class for the day of removal and the next class meeting. In the case of the Library, removal would be for the day and the next college day. The instructor shall immediately report the removal of the student to the College President or designee for appropriate action.
- A written or verbal reprimand.** An admonition to the student to cease and desist from conduct determined to violate the Student Code of Conduct. Such reprimands are given in a disciplinary conference with an administrator. Written reprimands may become part of the student's permanent record at the college. Verbal reprimands may become a part of a student's record at the college for a period of up to one year.
- Disciplinary probation.** The disciplinary authority has the discretion to impose an appropriate probationary period consistent with these procedures. A copy of the written disciplinary probation is filed in the student's permanent file. In addition, if the student is a minor, a copy of the letter shall be sent to the student's parent or guardian, and the parent or guardian shall be invited to confer with the college administrator imposing the discipline.
- Immediate interim suspension.** The suspension from one or more classes when required to protect lives or property and to ensure the maintenance of order. A student may be placed on immediate interim suspension without prior notice, provided that student is provided a reasonable opportunity for a hearing within ten (10) days of the first day of suspension.
- Short-term suspension.** The suspension from one or more classes for a period of up to ten (10) consecutive instructional days.
- Long-term suspension.** The exclusion of the student from one or more classes for more than ten (10) consecutive instructional days, or from all classes and activities of the college for one or more additional terms.
- Expulsion.** The exclusion of the student by the Board of Trustees from the college indefinitely when other means of correction fail to bring about proper conduct, or when the presence of the student causes continuing danger to the physical safety of others. (Education Code §76030.)

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

Dress Regulations

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

Drug Free School Policy

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

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

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

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

Music

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

Recording Device Usage

The use of any electronic listening or recording device in classrooms requires the professor's permission. If such equipment is necessary to provide reasonable auxiliary aid and academic adjustment to students with disabilities, the student should call the Disabled Student Program and Services at Yuba College at (530) 741-6758.

Safe Zone

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

Yuba College pledges:

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

Smoking and Tobacco/
Nicotine Use Policy

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

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

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

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

Student Complaints and Grievances

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

Student complaints are classified into four categories:

- 1) Grade changes
- 2) General complaints and grievances;
- 3) Discrimination and harassment complaints; and
- 4) Complaints to external agencies.

Complaint Process:

Step 1: Meet with the instructor or staff member to discuss the complaint.

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

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

Types of Complaints:

Grade Changes: Administrative Procedures 4231 outlines the process by which a dispute of a final grade for a course may be resolved in a fair manner and in accordance with state law. Students should note that the determination of the student's grade is final in the absence of mistake, fraud, bad faith or incompetence (Education Code 76224).

The request for a grade change should be initiated within the semester following the posting of a disputed grade. Students seeking a grade change should contact the instructor and request a grade change. If the instructor does not agree with the grade change request, the student should then meet with the appropriate dean. If the above process does not lead to resolution, a student has the option to submit a Grade Change Appeal form to initiate the Formal Grade Change Resolution Process by the Academic Standards Committee. Grade appeals shall be made within a two-year period upon completion of the course. The Grade Appeal Form is located at: <https://yc.yccd.edu/student/student-grievance/>

General Complaints and Grievances: Individuals who are dissatisfied with a campus policy or procedure or with the conduct of a college employee are entitled to file a complaint. The College encourages all members of the campus community to attempt to resolve all issues informally by dealing directly with the staff and faculty involved. However, a student can file a formal Statement of Grievance form within 30 workdays of the incident or 30 workdays after the student learns of the basis for the grievance, whichever is later. Upon receipt of the Statement of Grievance, the Grievance Officer will work with the student to determine if the issue is grievable and to determine if a formal Grievance Hearing is required.

See the following documents for more information:

- Administrative Procedure 5530
- Statement of Grievance Form
- Request for Grievance Form
- Student Code of Conduct

See Administrative Procedure 5530 (<http://www.boarddocs.com/ca/yccd/Board.nsf/goto?open&id=A7E2FU020616#>) for the specific procedures available to any student who reasonably believes a college decision or action has adversely affected his or her status, rights or privileges as a student. The procedures shall include, but not be limited to, grievances regarding:

- Sex discrimination as prohibited by Title IX of the Higher Education Amendments of 1972
- Sexual Harassment
- Financial Aid
- Illegal Discrimination
- The exercise of rights of free expression protected by state and federal constitutions and Education Code Section 76120.

Discrimination and Harassment Complaints: Students, employees or others wishing to file a complaint of discrimination on the basis of ethnic group identification, religion, age, gender, sexual orientation, color, or physical or mental disability or any other category of unlawful discrimination should contact the Chief Human Resource Officer. To make an appointment call (530) 741-6976. See the following document for information:

- Administrative Procedure 3435

Title IX: Yuba College supports and complies with Title IX of the Education Amendments of 1972 which prohibits sex discrimination in admission to, or employment in, all of its educational programs and activities. Contact the Title IX Coordinator at (530) 741-6976 or the Director of the Office for Civil Rights U.S. Department of Education, Washington DC.

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

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

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

Theatre Arts

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



Academic Regulations and Information

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

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

Family Educational Rights and Privacy Act (FERPA)

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

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

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

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

If Yuba College decides not to amend the record as requested by the student, the College official will notify the student of the decision and advise the student of the 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, major field of study, participation in officially recognized activities and sports, weight and height if a member of an athletic team, degrees and awards received (See BP 5040). 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.

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

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

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

4. The right to file a complaint with the *U.S. Department of Education* concerning alleged failures by Yuba College to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

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

Academic Renewal

The Yuba Community College District Board of Trustees permits the alleviation of substandard ("D" and "F") academic performance, which is shown not to be 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 minimum of two semesters must have elapsed since the course work to be alleviated was recorded (Summer Session does not count as a semester).
- The student must have completed at least 12 units in residence in the YCCD.
- Under no circumstances may course work be discounted that has been used in fulfillment of requirements for a degree or certificate.
- If the student is otherwise eligible for graduation, *Academic Renewal* may not be used to raise the grade point average (GPA) in order to qualify for graduation with honors.
- No units that have been excluded by *Academic Renewal* can be reinstated.
- Course work granted *Academic Renewal* status may be counted, if appropriate, toward fulfillment of prerequisites.

- The student's transcript will be annotated in such a way that all work remains legible, ensuring a true and complete academic history.

Students seeking *Academic Renewal* must petition the Academic Integrity Committee. The petition arises out of a consultation between the student and a counselor. 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 course work is subject to reevaluation by each subsequent college.

Transfer Credit from Other Colleges and Examinations

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

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

Athletic Eligibility

Athletes are governed by the rules of the *California Community College Athletic Association (CCAA)* 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.
- All student-athletes must complete and pass a physical by a qualified medical professional prior to participating.
- To maintain eligibility, student-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 student-athlete must be enrolled in 12 units and have at least a 2.0 GPA, and pass 6 units in their previous full time semester.

• To participate in a second season of the same sport, student-athletes must be enrolled in 12 units (nine of which are academic in nature), 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 (CCCCAA), 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 without officially dropping it through WebAdvisor or at the Admissions and Records Office may receive a failing grade.

Auditing Class

The Yuba Community College District Board of Trustees 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 regularly enrolled students.
- 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 nonrefundable audit fee of \$15 per unit will be payable at the time of enrollment by the auditor, plus the Student Health Fee.
- Students enrolled in ten units or more of credit classes will not be charged a fee to audit three (3) or fewer units per semester.
- 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 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 courses will be referred to adult education for future skill development and will be dismissed from attending Yuba College in pre-collegiate courses. Students should consult with a counselor if 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, 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 and the health/PE/KINES requirement must have been approved to satisfy the requirement at the time the class was taken.

CLEP Exam Credit Acceptance Policy

Yuba College accepts the College-Level Examination Program (CLEP) examinations for credit in appropriate 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.

CLEP Examination	Semester Units Awarded	Yuba College Course Equivalent
Subject Examinations English:		
College Composition	6	ENGL 1A and 2 units elective
College Composition Modular	4	ENGL 51
American Literature	3	ENGL 30A
English Literature	3	ENGL 46A
Humanities	6	Humanities elective
Business:		
Financial Accounting	4	ACCT 1 and 1A
Information Systems & Computer Applications	3	BCA 15
Introductory Business Law	3	GNBUS 18A
History and Social Sciences:		
American History I: Early Colonization to 1877	3	HIST 17A
American History II: 1865 to the Present	3	HIST 17B
Introductory Sociology	3	SOCIL 1
Social Sciences & History	6	Social Science elective
Western Civilization: Ancient Near East to 1648	3	HIST 4A
Western Civilization: 1648 to Present	3	HIST 4B
Introductory Psychology	3	PSYCH 1A
Principles of Macroeconomics	3	ECON 1A
Principles of Microeconomics	3	ECON 1B
Sciences and Mathematics:		
Biology	3	BIOL 10
Calculus	4	MATH 1A
Chemistry	3	CHEM 10
College Algebra	4	MATH 20*, 101* or 52*
College Mathematics	6	MATH 20
		MATH 52 + 2 units elective
Natural Sciences	6	Non-lab science elective for non-science major

World/Foreign Language:		
French Language 1	4	FRNCH 1*
French Language 2	8	FRNCH 1 and 2*
Spanish Language 1	4	SPAN 1*
Spanish Language 2	8	SPAN 1 and 2*

* Credit cannot be earned in both classes.

DSST Exams

Test	Semester Units Awarded	Equivalent Course
Astronomy	3	ASTRO 1
Business Mathematics	3	GNBUS 56
Criminal Justice	3	AJ 10
Environment & Humanity	3	Elective
Fund. of College Algebra	3	MATH Elective
Here's to Your Health	3	HLTH 1
Human Cult. Geography	3	None
Introduction Computer/Basic	3	COMSC 10L
Introduction to Computing	3	COMSC Elective
Introduction to Law Enforcement	3	AJ 10
Lifespan Development Psy	3	PSYCH 41
Organizational Behavior	3	MGMT Elective
Physical Geology	3	GEOL 10
Principles of Financial Acct	3	ACCT 1
Physical Science I	3	PHYSC Elective
Principles of Physical Science	3	None
Principles of Public Speaking	3	SPECH 1
Principles of Statistics	3	STAT 1

College Board Advanced Placement (AP) Examination Credit Acceptance Policy

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

AP Exam	YC Course Equivalent or Elective	YC GE Area Credit; GE Units	YC Units	CSU GE-B Area Credit	CSU GE-B Units	CSU Units	IGETC Area Credit	IGETC Units	UC Quarter Units
Art History	ART 1A and Elective	Humanities; 3 units	6	C1 or C2	3	6	3A or 3B	3	8
Biology	BIOL 10L	Natural Science; 4 units	4	B2 and B3	4	6	5B and 5C	4	8
Calculus AB	MATH 1A	Language and Rationality; 4 units	4	B4	3	3	2A	3	8
Calculus BC	MATH 1B	Language and Rationality; 4 units	4	B4	3	6	2A	3	8
Calculus BC/AB Subscore	N/A	Language and Rationality; 3 units	3	B4	3	3	2A	3	none
Chemistry	CHEM 2A	Natural Science; 5 units	10	B1 and B3	4	6	5A and 5C	4	8
Chinese Language and Culture	N/A	Humanities; 3 units	3	C2	3	6	3B and 6A	3	8
Comparative Government and Politics	Elective	Social Science; 3 units	3	D8	3	3	4	3	4
Computer Science A	Elective	N/A	3	N/A	none	3	N/A	N/A	2
Computer Science Principles	N/A	N/A	3	B4	3	3	N/A	N/A	8
English Language and Composition	ENGL 1A and Elective	Language and Rationality; 4 units	6	A2	3	6	1A	3	8
English Literature and Composition	ENGL 1A and Elective	Language and Rationality; 4 units	6	A2 and C2	6	6	1A or 3B	3	8
Environmental Science (test taken Fall 2009 and later)	N/A	Natural Science; 4 units	4	B1 and B3	4	4	5A and 5C	3	4
European History	HIST 4A and 4B	Social Science; 3 units	6	C2 or D6	3	6	3B or 4	3	8
French Language and Culture (test taken Fall 2009 and later)	FRNCH 1 and FRNCH 2	Humanities; 4 units	8	C2	3	6	3B and 6A	3	8
German Language and Culture	N/A	Humanities; 3 units	3	C2	3	6	3B and 6A	3	8
Human Geography	N/A	Social Science; 3 units	3	D5	3	3	4	3	4

AP Exam	YC Course Equivalent or Elective	YC GE Area Credit; GE Units	YC Units	CSU GE-B Area Credit	CSU GE-B Units	CSU Units	IGETC Area Credit	IGETC Units	UC Quarter Units
Italian Language and Culture	N/A	Humanities; 3 units	3	C2	3	6	3B and 6A	3	8
Japanese Language and Culture	N/A	Humanities; 3 units	3	C2	3	6	3B and 6A	3	8
Latin	N/A	Humanities; 3 units	3	C2	3	6	3B and 6A	3	8
Macro-economics	Elective	Social Science; 3 units	3	D2	3	3	4	3	4
Micro-economics	Elective	Social Science; 3 units	3	D2	3	3	4	3	4
Physics 1	PHYS 2A and PHYS 3A	Natural Science; 4 units	4	B1 and B3	4	4	5A and 5C	4	8 (max for all AP Physics exams)
Physics 2	PHYS 2B and PHYS 3B	Natural Science; 4 units	4	B1 and B3	4	4	5A and 5C	4	8 (max for all AP Physics exams)
Physics C (electricity/magnetism)	PHYS 4A	Natural Science; 4 units	4	B1 and B3	4	4	5A and 5C	3	8 (max for all AP Physics exams)
Physics C (mechanics)	PHYS 4B	Natural Science; 4 units	4	B1 and B3	4	4	5A and 5C	3	8 (max for all AP Physics exams)
Psychology	PSYCH 1A	Social Science; 3 units	3	D9	3	3	4	3	4
Seminar	N/A	N/A	N/A	N/A	none	3	N/A	N/A	none
Spanish Language and Culture	SPAN 1 and SPAN 2	Humanities; 4 units	8	C2	3	6	3B and 6A	3	8
Spanish Literature and Culture	SPAN 3 and SPAN 4	Humanities; 4 units	8	C2	3	6	3B and 6A	3	8
Statistics	N/A	Language and Rationality; 3 units	3	B4	3	3	2A	3	4
Studio Art-2D	N/A	N/A	3	N/A	none	3	N/A	N/A	8
Studio Art-3D	N/A	N/A	3	N/A	none	3	N/A	N/A	8
Studio Art-Drawing	Elective	N/A	6	N/A	none	3	N/A	N/A	8
U.S. Government and Politics	N/A	Social Science; 3 units	3	D8 and US-2	3	3	4 and US-2	3	
U.S. History	HIST 17A and HIST 17B	Social Science; 3 units	6	(C2 or D6) and US-1	3	6	(3B or 4) and US-1	3	8
World History	HIST 5A and HIST 5B	Social Science; 3 units	6	2 or D6	3	6	3B or 4	3	8

Credit By Examination (Challenge)

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

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

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

Credit For Military Experience

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

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

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.

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 any 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, major field of study, student participation in officially recognized activities and sports, weight, height, of athletic team members, degrees and awards received by students, including honors, scholarship awards, athletic awards and Dean’s List recognition (See BP 5040). 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 Examinations* in full-semester courses 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/alumni privileges canceled in the case of a student failing to meet financial obligations to the College, including failure to pay *Enrollment Fees, Tuition, Child Care charges*; return library materials/pay library fines; return or pay for athletic equipment; pay loan or scholarship fund obligations; return/replace any College equipment for which responsible.

Graduation Deadlines

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

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

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

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 and Grade Changes

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

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

Grading

The grading system is as follows:

Grade	Definitions	Points
A	Excellent	4
B	Good	3
C	Satisfactory	2
D	Less than satisfactory	1
F	Failing	0
FW	Failing Withdrawal	0

Failing withdrawal: A failing withdrawal occurs when a student has ceased participating in a course without having achieved a final passing grade and who did not withdraw from the course prior to the withdrawal deadline. The FW grade is treated in the same manner as an F grade for the purposes of calculating grade point average, course repetition, and academic standings for probation/dismissal. This symbol may not be used if a student has qualified for and been granted an excused or military withdrawal.

Other Notations Definition

- P Pass: the “P” is awarded for work completed at the “C” or better level. Students earn no grade points, but they do earn the unit(s). Courses with a “P” grade are not computed in the GPA.
- NP No Pass: The “NP” is awarded for work completed at the “D” or “F” level. No units are earned for work at this level. Courses with an “NP” grade are not computed in the GPA.
- SP Satisfactory Progress towards completion of a noncredit course. This symbol is used for noncredit courses only and is not supplanted by any other symbol. Courses with an “SP” grade are not computed in the GPA.
- AU Audit: Students do not earn units, but the notation does appear on a student’s permanent record.

EW Excused Withdrawal: Special exemption – requires documentation. An excused withdrawal occurs when a student is permitted to withdraw from a course(s) due to extenuating circumstances or specific events beyond the control of the student affecting his or her ability to complete a course(s). A student must file a petition requesting this option and attach the appropriate documentation to support the extenuating circumstance or specific event. Upon review of submitted documentation and approval of the petition, a withdrawal symbol of “EW” will be assigned. Excused withdrawals will not be counted in progress probation and dismissal calculation. For more information, contact the College Student Services Office. The “EW” symbol may be used as described in, and in accordance with, section 55024.

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

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

Withdrawals for full semester classes after the thirteenth week of classes (end of 75% of term for short-term courses) must result in a grade other than a “W” (usually a failing grade). However, in cases of extenuating circumstances such as accident or serious illness, the student may file a petition and evidence (doctor’s excuse, hospital bill, etc.) at the Dean, Student Services requesting permission to withdraw after the final withdrawal deadline. Although the “W” notation is not used in computation of grade point averages, excessive “W,” “NC,” “NP,” or “I” notations are considered in determining Progress Probation (see “Standards for Probation” page 49).

Students are responsible for processing appropriate official forms prior to the deadlines.

MW Military Withdrawal: Special exemption—requires documentation. (See “Military Withdrawals” for documentation required.)

Temporary Notations Definition

I Incomplete: At the end of a term, an “I” (incomplete) may be awarded by the instructor when a student has been unable to complete academic work for unforeseeable, emergency, and justifiable reasons. The incomplete signifies that the student was enrolled, has attended classes throughout the term, that only a minimal amount of course work has not been completed in the prescribed time, and there is still the possibility of earning credit.

A copy of the Incomplete *Grade Report Form* will be emailed to the student indicating work to be completed for removal of the “I” and alternate letter grade to replace the “I” in the event the student fails to meet the conditions for removal of the “I.”

An “I” must be made up within one year following the awarding of the incomplete notation (excluding summer). A final grade will be assigned by the instructor when the work has been completed or the alternate grade will be awarded in the event the student fails to complete the work during the prescribed time period.

A student may not enroll in the same course in which an incomplete grade was awarded.

IP In Progress: This symbol indicates that a course is in progress and has not yet ended.

RD Report Delayed: This symbol indicates either the course has not yet ended, or the instructor has not yet submitted the final grade for the student in the course.

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 may be noted on the student’s transcript.

Multiple and Overlapping Enrollment

A student may not enroll in two or more sections of the same credit course during the same term unless the length of the course provides that the student is not enrolled in more than one section at any given time.

A student may not enroll in two or more courses where the meeting times for the courses overlap, unless:

- The student provides a valid justification, other than schedule convenience, of the need for an overlapping schedule.
- The Vice President of Academic and Student Services or designee approves the schedule.
- The student makes up the overlapping hours at some other time during the same week under the supervision of the instructor of the course.

Notification of Emergency Absence

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

Pass/No Pass Grading

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

In addition, each student will be allowed to select one course each semester from those courses in which students are usually graded on traditional “A,” “B,” “C,” “D,” “F” basis from the courses for which “P/NP” has been deemed appropriate in the Course Outline of Record. The selected course is in addition to such courses as the District’s Colleges may have opted to offer entirely on a “P/NP” 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. Once the form is submitted students may not select to return to regular grading.

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

Prerequisites/Corequisites

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

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

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

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

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

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

Policy for Challenging Course Prerequisites

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 challenge 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, the campus administrator, or the Dean, Student Services 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 classes. Challenges at Yuba College should be filed with the Dean, Student Services. Challenges at other locations should be filed with the campus administrator.

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

Completion rate: 27.29% Transfer rate: 10.26%

In compliance with the Student Right to Know and Campus Security Act of 1990 (Public Law 101-542), it is the policy of YCCD to make available its completion and transfer rates to all current and prospective students. Beginning in Fall 2014, a cohort of all certificate-, degree-, and transfer-seeking first-time, full-time Yuba College students were tracked over a three-year period. Their completion and transfer rates are above. These rates do not represent the success rates of the entire student population at the College nor do they account for student outcomes occurring after this three-year tracking period.

Based upon the cohort, a Completer is a student who attained a certificate or degree or became 'transfer prepared' during a three year period, from Fall 2014 to Spring 2017. 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 degree, certificate, or becoming 'transfer-prepared' during a five semester period, from Spring 2015 to Spring 2017, are transfer students.

YCCD Certificate and Degree Totals

The following are the numbers of degrees and certificates awarded District-wide for the last three years (counts Fall, Spring, and Summer). These totals do not consider the students' status upon entering the District.

2016-17	
Associate in Arts/AA-T	232
Associate in Science/AS-T	953
Certificate of Achievement	108
Certificate of Training	53
Total	1346

2017-18	
Associate in Arts/AA-T	255
Associate in Science/AS-T	921
Certificate of Achievement	250
Certificate of Training	190
Total	1616

2018-19	
Associate in Arts/AA-T	266
Associate in Science/AS-T	933
Certificate of Achievement	251
Certificate of Training	185
Certificate of Advancement	4
Certificate of Competency	1
Total	1640

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, Student Services prior to invoking action.

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

PROGRESS PROBATION: A student who has enrolled, beginning fall 1981, in a total of at least 12 semester units of YCCD classes as shown on the student's transcript shall be placed on *Progress Probation* when the percentage of all units in which a student has enrolled and for which entries of "W," "I," and "NP" are recorded reaches or exceeds fifty percent (50%).

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

DISMISSAL: A student who is on Academic Probation shall be subject to dismissal if the student earned a cumulative GPA of less than 2.0 in all units attempted in each of 3 consecutive semesters even though a lapse of college attendance may occur between the semesters. A student who has been placed on progress probation shall be subject to dismissal if the percentage of units in which the student has been enrolled for which entries of "W," "I," and "NP" are recorded in at least 3 consecutive semesters reaches or exceeds fifty percent (50%). Dismissal may be postponed by the Yuba College Academic Standards Committee when evidence of academic improvement or 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 Academic Standards Committee who 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. Generally, the student must wait a semester before petitioning for readmission. The counselor will help the student select appropriate classes, limit the number of units of enrollment and set up a visitation schedule to check the student's progress during the semester of attendance.

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

Repetition of Courses

Repetition of courses is conducted in compliance with California Title 5 Regulations, Sections 55040 through 55046. No course repetition procedures established by the District will conflict with Education Code 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:

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

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

(B) Course Repetition without a Substandard Grade:

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

EXTENUATING CIRCUMSTANCES

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

REGENCY REQUIREMENT

- When the District has properly established a recency prerequisite for a course or program or another institution of higher education to which the student seeks to transfer 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.

LEGALLY MANDATED TRAINING

- 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.

STUDENTS WITH DISABILITIES

- Course repetition for students with disabilities is subject to the course repetition limitation; however, additional repeats may be individually authorized through the DSPS Office under the following circumstances:
 - 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;
 - When additional repetitions of a specific special course are essential to completing a student’s preparation for enrollment into other regular or special course (such as Assistive Computer Technology, LEARN 155 or LEARN 156); or
 - When the student has a student educational contract which involves a goal other than completion of the special course in question and repetition of the course will further assist with achievement of that goal.The previous grade and credit shall be disregarded in the computation of grade point average each time the course is repeated.

Student Classification

I. REGISTRATION STATUS

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

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

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

II. ACADEMIC CLASS STATUS

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

SOPHOMORE STUDENT-has earned to date 30 or more units of credit but 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).
- First-time Student. A student who has never attended any college.
- New Student. A student who has attended YCCD but has not attended the past 3 years.
- Returning Student. A student who attended Yuba College previously, but not during the previous semester (excluding summer session) or last 3 years. If after 3 years, the student will be categorized as a new student at Yuba College.
- Transfer Student. A student who attended another institution prior to applying to Yuba College.
- 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. Transcript fees must be paid at the time of request.

Official transcripts may be requested in person, by mail, by fax, or online. For information about transcripts, contact the Admissions and Records Office at (530) 741-6720, email ycadmissions@yccd.edu, or visit the Admissions and Records Office webpage on the Yuba College website.

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

Withholding of Student Records

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

General Education and Graduation Requirements

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

Associate in Arts/Associate in Science Degree

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

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

COMPETENCY REQUIREMENTS:

- Reading and Writing competency may be met by:
 - Passing English 1A or 1E with “C” or better.
 - Possession of an AA., A.S., or higher degree at the time of admission to campuses within the Yuba Community College District.
- Mathematics competency may be met by a “C” or better in:
 - Any mathematics or statistics course that has Math 101 as a prerequisite; or
 - Any higher level mathematics or statistics course.

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

AREA A. NATURAL SCIENCE (Select 3 units)

Agriculture 45
Anthropology 1
Astronomy 1
Biology 1, 10, 10L, 11, 15, 24, 24L, 25
Chemistry 1A, 1B, 2A, 10
Ecology 10, 12
Geography 1
Geology 10L, 11L, 12, 20
Physical Science 10A, 10AL, 10B, 10C
Physics 2A, 4A, 2B
Plant Science 20, 22

AREA B. SOCIAL SCIENCE (Select 3 units)

Administration of Justice 10
Anthropology 2, 3
Counseling 33
Early Childhood Education 3, 31
Economics 1A, 1B
Geography 5
History 4A, 4B, 5A, 5B, 7, 14, 15, 16A, 16B, 17A, 17B, 29
Philosophy 6
Political Science 1, 2, 3, 6, 7
Psychology 1A, 12, 22, 33, 41, 46
Sociology 1, 2, 5, 6, 10, 30

AREA C. HUMANITIES (Select 3 units)

Art 1A, 1B, 3A, 3B, 5, 20
Asian-American Studies 31
English 1B, 30A, 30B, 31B, 34, 36, 37, 38, 42, 46A, 46B
French 1, 2
Humanities 5, 10, 11, 20, 26A, 26B, 31, 34
Mass Communications 3
Music 1, 1A, 3, 12, 15, 16, 17, 18, 35
Philosophy 1, 2, 3, 20
Sign Language 1, 2, 3
Spanish 1, 2, 3, 4, 10, 20A, 20B, 36
Speech 2
Theatre Arts 10, 32, 33, 34

AREA D. LANGUAGE AND RATIONALITY

D1. ENGLISH COMPOSITION

English 1A, 1E

D2. COMMUNICATION AND ANALYTICAL THINKING (Select 3 units)

Computer Science 2, 6, 9A, 9B, 10L
Engineering 10
English 1C
General Business 56
Mathematics 1A, 1B, 9, 10, 15, 20, 21, 25, 51, 52, 52B, 55, 58, 59
Philosophy 6, 12
Political Science 6
Psychology 7
Sociology 8
Speech 1, 3, 6, 7, 8
Statistics 1

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

- A second course from any Area above; OR
- Documentation of active military service (may also be used to meet Requirement 4 (Health/P.E.); OR

3. Course(s) listed below:
- Accounting 10A
 - Administration of Justice 10, 30
 - Art 18
 - Automotive Technology 21, 22
 - Cooperative Work Exp 44A, 44B, 44C, 44D
 - Counseling 10, 25
 - Early Childhood Education 3
 - Education 20
 - English 40A, 40B
 - General Business 10
 - Health 1, 5, 10, 13
 - Human Services 11
 - Internship 45A, 45B, 45C, 45D
 - Kinesiology courses
 - Philosophy 6
 - Physical Education courses
 - Political Science 6, 7

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” and in the Course Descriptions section of the catalog.

REQUIREMENT 4: All students are required to successfully complete with a grade of “D” or better: Health 1, 2, 4 or 13 OR two Kinesiology/Physical Education activity courses one of which must be selected from the following:

- Kinesiology 1.21, 1.22, 1.26, 1.27, 1.34, 1.37, 1.57, 1.57B, 1.59, 1.75, 1.76, 3, 4, 6, 7, 9, 10
- 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. This requirement is not based on units or catalog rights. Most courses listed here may also be used in Area E.*

REQUIREMENT 5: All students are required to meet the Multicultural Graduation Requirement (MGR) by completing three or more units from the following courses or the programs listed below with a grade of “D” or better:

- Administration of Justice 19
- Anthropology 2
- Art 1A, 3B, 5, 20
- Asian American Studies 31
- Early Childhood Education 27, 31
- Education 1
- English 30A, 30B, 36, 37, 38
- Geography 5
- History 5A, 5B, 7, 14
- Human Services 11
- Humanities 5, 20, 26B, 31
- Math 55
- Music 12, 16, 17
- Philosophy 1, 3, 20
- Political Science 2, 7
- Psychology 12
- Sociology 5
- Spanish 20A, 20B, 36
- Speech 8

Note: Courses listed here may also be used in Area B, C or D. This requirement is not based on catalog rights. Completion of the following programs also fulfills the multicultural graduation requirement: Basic Police Academy, Associate Degree 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 College.

REQUIREMENT 8: Students earning an AA or AS degree must apply for the degree by completing a petition for graduation form online. Courses may be in progress at the time of application for the degree. The deadlines are as follows: Nov. 15 for fall completion of the degree; April 15 for spring completion of the degree; July 1 for summer completion of the AA/AS degree.

General Education Philosophy Statement: Common to both the *Associate in Arts* and *Associate in Science* degrees is a strong general education program which fosters the following philosophy: “General Education at Yuba College is more than a set of required courses. It is a course of study designed to assist the student in beginning an effective lifelong learning process in which the interrelationships of human knowledge and experience are recognized. Embodied in this design is recognition of the student’s need to think and communicate effectively, both orally and in writing; to use mathematics; to understand the modes of inquiry of the major disciplines; to be aware of other cultures and times; to achieve insights gained through experience in thinking about ethical problems; to develop the capacity for self-understanding; and to understand the issues related to and the ways in which health and well-being can be maintained.”

Additional Associate Degrees

- An *Associate in Arts* or *Associate in Science* degree will be awarded to those already possessing an associate degree, subject to the following conditions:
1. All requirements in a different major from that of previous associate degree(s) must be satisfied. The major will be printed on the degree.
 2. All general education requirements in effect at the time of beginning the new degree program must be satisfied. After meeting the above conditions, a student may petition for any degree for which the graduation requirements have been met.

Transfer Requirements and Information

General Transfer Information

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

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

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

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

Articulation

Articulation is a process of developing formal agreements that identify courses at one college that are accepted in lieu of specific courses at another college or that fulfill a specific statewide pattern of general education.

Yuba College has developed numerous articulation agreements with California State University and University of California campuses. These agreements may be viewed at www.assist.org. Articulation agreements have also been developed with some California private and out-of-state colleges and universities and are available on their websites. See a counselor for assistance.

Articulation System Stimulating Inter-Institutional Student Transfer (ASSIST)

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

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

C-ID

C-ID is a supplemental common course numbering system aimed at helping students and faculty identify courses across CCC's and CSU's that fulfill associate or baccalaureate degree requirements. C-id.net reports include designations for approved courses. See page 70 for more information.

Transfer to California State University (CSU)

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

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

Students who have completed 60 or more CSU transferable semester (90 quarter or more) college units at the time of transfer are considered upper division transfer students. The CSU gives priority admission consideration to California Community College students who meet the CSU upper-division transfer admission requirements. However, the highest admission priority is given to CCC students who have earned an Associate Degree for Transfer. See "Associate Degree for Transfer" for more information on the degree requirements.

Lower Division Transfer Admission Requirements:

Transfer students with fewer than 60 semester or 90 quarter CSU transferable units must have a grade point average of 2.0 ("C") or better in all transferable units attempted, be in good standing at the last college or university attended, and meet one of the eligibility standards identified by CSU available on www2.calstate.edu/apply or www.californiastateuniversity.edu.

Due to enrollment pressures, many CSU campuses do not admit lower division transfers. Some campuses may require lower division transfer students to complete specific college coursework as part of their admission.

Upper Division Transfer Admission Requirements:

Students are eligible for admission with 60 or more CSU transferable semester units (90 quarter units) if they:

- Have a grade point average of 2.00 or better (2.40 minimum for California non-residents) in all CSU transferable college units attempted
- Are in good standing at the last college or university attended (i.e. eligible to re-enroll)
- Have completed or will complete prior to transfer at least 30 semester units (45 quarter units) of CSU general education requirements with a grade of "C" or better in each course including all of the general education requirements in Area A: Communication in the English Language (English composition, oral communication, and critical thinking) and at least one course of at least 3 semester units (4 quarter units) required in Area B4: Mathematics/ Quantitative Reasoning.

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

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

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



**A Degree With
A Guarantee.com**
Associate Degree for Transfer

Associate Degree for Transfer Requirements

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

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

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

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

Yuba College offers the following Associate Degrees for Transfer:

- Administration of Justice (A.S.-T)
- Biology (A.S.-T)
- Business Administration (A.S.-T)
- Chemistry (A.S.-T)
- Communication Studies (A.A.-T)
- Computer Science (A.S.-T)
- Early Childhood Education (A.S.-T)
- English (A.A.-T)
- Geology (A.A.-T)
- History (A.A.-T)
- Kinesiology (A.A.-T)
- Mathematics (A.S.-T)
- Music (A.A.-T)
- Political Science (A.A.-T)
- Psychology (A.A.-T)
- Sociology (A.A.-T)
- Studio Arts (A.A.-T)
- Theatre (A.A.-T)

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

California State University Transfer Course List (CSU) and Credit

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

California State University General Education-Breadth (CSU GE-B) Requirements for CSU

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

Up to 39 of the 48 CSU GE-Breadth units required can be transferred from and certified by a California community college. Students who are certified with 39 semester units of lower division CSU GE-Breadth units cannot be held to additional lower division CSU GE-Breadth courses at the CSU campus. Upon enrollment at CSU, all transfer students will be required to complete a minimum of 9 semester units of upper division general education. Students without certification may be held to the general education pattern developed for CSU students, which may vary greatly from the community college CSU GE-Breadth pattern.

CSU GE-B Notes:

- A course with a grade of "P" or "CR" may be used as long if the grading policy of the community college where the course was taken states that the "P" or "CR" grade is equivalent to a "C" grade or better.
- Catalog rights do not apply to CSU GE-B. Courses must be on the CSU GE-B at the time they are taken.
- Woodland Community College and Yuba College do not share CSU GE-B patterns. If taking a course in person or online at WCC, check to see what area it satisfies on WCC's pattern.
- Courses taken in person or online at other community colleges will be applied to CSU GE-B according to how they were approved at the college and semester where completed.
- Courses listed in more than one area may only be used once except for courses in US History, Constitution and American Ideals.
- Advanced Placement (AP) exams completed with a score of 3,4, or 5 may be applied to the CSU GE-B. See "Advanced Placement Examinations" in the catalog for more information.
- Students majoring in Engineering may be waived/ exempted from specific areas of CSU GE-B for some CSU campuses.
- Students majoring in Liberal Studies may be required to complete specific courses in each area of CSU GE-B.



CALIFORNIA STATE UNIVERSITY
General Education Breadth Requirements
2020-2021 Counselor Advising Sheet

Student's Name

Student ID:

Circle courses completed. List units in column (courses may be counted only once).

Area A. English Language Communication and Critical Thinking – 9 semester units – Completed with a “C” grade or better (One course required from area A1, A2 & A3)	Required	C	IP	N
A1. Oral Communication: SPECH 1, 3, 6, 7 College/Course: AP Exam:	3			
A2. Written Communication: ENGL 1A, 1E College/Course: AP Exam:	3			
A3. Critical Thinking: ENGL 1B, 1C; PHIL 12; SPECH 3 College/Course: AP Exam:	3			
Area B. Scientific Inquiry and Quantitative Reasoning – 9 semester units (One course required from area B1 & B2 (including a lab – B3) & B4)	Required	C	IP	N
B1. Physical Science: ASTRO 1; CHEM 1A, 1B, 2A, 2B, 10, 18A, 18B; ECOL 10, 12; GEOG 1; GEOL 10L, 11L, 12, 20; PHYS 10A, 10B; PHYS 2A, 2B, 4A, 4B, 4C College/Course: AP Exam:	3-4			
B2. Life Science: AG 45; ANTHR 1; BIOL 1, 2, 3, 4, 5, 6, 10, 10L, 15, 24, 24L, 25; ECOL 10, 12; PLSCI 20, 22 College/Course: AP Exam:	3-4			
B3. Laboratory Activity: AG 45L; BIOL 1, 2, 3, 4, 5, 6, 10L, 11, 24L; CHEM 1A, 1B, 2A, 2B, 18A, 18B; ECOL 11; GEOL 10L, 11L; PHYS 10AL, 10C; PHYS 3A, 3B, 4A, 4B, 4C; PLSCI 20A, 22A College/Course: AP Exam:	0-1			
B4. Mathematics/Quantitative Reasoning – Completed with a “C” grade or better MATH 1A, 1B, 1C, 2, 3, 9, 10, 15, 16, 20, 21, 25; PSYCH 6; STAT 1 College/Course: AP Exam:	3			
Area C. Arts and Humanities – 9 semester units (Must include courses from areas C1 & C2. Courses must be taken in at least two disciplines)	Required	C	IP	N
C1. Arts (Art, Cinema, Dance, Music, Theatre): ART 1A, 1B, 3A, 3B, 5, 20, 21, 31; ASIAN 31; ENGL 34; HUMAN 5, 10, 11, 26A, 26B, 31, 34; MUSIC 1, 1A, 1B, 3, 8A, 8B, 12, 15, 16, 17, 18; SPECH 2; THART 10, 32, 33, 34 College/Course: AP Exam:	3			
C2. Humanities (Literature, Philosophy, Languages Other Than English): ASIAN 31; ECE 39; ENGL 1B, 30A, 30B, 31A, 31B, 36, 37, 42, 46A, 46B; FRNCH 1, 2; HIST 4A, 4B, 5A, 5B, 7, 14, 15, 16A, 16B, 17A, 17B; HUMAN 10, 11, 20, 31; MUSIC 12; PHIL 1, 2, 3, 6, 20; POLSC 6; SIGN 2, 3; SPAN 1, 2, 3, 4, 10, 20A, 20B, 36; SPECH 2 College/Course: AP Exam:	3			
C1 or C2: Chosen from C1 or C2 – that has not already been used to complete C1 or C2	3			
Area D. Social Sciences – 9 semester units (Courses must be taken in at least two disciplines)	Required	C	IP	N
Social Sciences (one, two or three courses): AJ 10, 19; ANTHR 2, 3; ECE 3, 31; ECON 1A, 1B; GEOG 5; HIST 4A, 4B, 5A, 5B, 7, 14, 15, 16A, 16B, 17A, 17B, 29; MCOMM 2; PHIL 6; POLSC 1, 2, 3, 6, 7; PSYCH 1A, 6, 7, 12, 22, 33, 41; SOCIL 1, 2, 5, 6, 8, 10, 30; SPECH 8 College/Course: AP Exam:	9			
Area E. Lifelong Learning and Self-Development – 3 semester units (Courses cannot be all in Physical Activities – KINES/ATHL)	Required	C	IP	N
COUNS 10, 25, 33; ECE 3, 5; HLTH 1, 3; PE (1.5 unit maximum): ATHL 1.55R, 2.01R, 2.03R, 2.04R, 2.07R, 2.08R, 2.09R, 2.11R, 2.13R, 11R, 12R, 15R, 16R, 17R, 31R, 32R, 33R, 36R, 37R; KINES 1.21, 1.22, 1.24, 1.25, 1.26, 1.27, 1.31, 1.33, 1.34, 1.36, 1.37, 1.41, 1.42, 1.57, 1.57B, 1.59, 1.71, 1.75, 1.76, 1.77, 1.78, 1.79, 3, 4, 6, 20; PSYCH 1A, 12, 33, 41; SOCIL 30 College/Course: AP Exam:	3			
CSU Graduation Requirement in U.S. History, Constitution & American Ideals – Select courses to satisfy US 1, 2, & 3 (6-9 semester units)	Required	C	IP	N
US 1: Historical Development of American Institutions & Ideals: HIST 15, 16A, 16B, 17A, 17B, 29	3			
US 2: US Constitution and Government: POLSC 1 (AP US Government with a score of 3, 4, or 5 satisfies US 2 but not US 3)	3			
US 3: California State and Local Government: POLSC 1, 3	0-3			

NOTE: This pattern is designed to satisfy the 39 units of lower division General Education (GE) requirement to any CSU campus. ● A course with a grade of “P” or “CR” may be used if the grading policy of the community college where the course was taken states that the “P” or “CR” grade is equivalent to a “C” grade or better. ● Catalog rights do not apply to CSU GE-B. Courses must be on the CSU GE-B at the time the course was taken. ● Courses taken in person or online at other community colleges will be applied to CSU GE-B according to how they were approved at the college and semester where completed. ● Woodland Community College and Yuba College do not share CSU GE-B patterns. If taking a course in person or online at WCC, check to see what area it satisfies on WCC’s pattern. ● Courses listed in more than one area may only be used once except for courses in US History, Constitution and American Ideals. ● Advanced Placement (AP) exams completed with a score of 3, 4, or 5 may be applied to the CSU GE-B. See “Advanced Placement Examinations” in the catalog for more information. ● Students majoring in Engineering may be waived/exempted from specific areas of CSU GE-B for some campuses. ● Students majoring in Liberal Studies may be required to complete specific course in each area of CSU GE-B. Contact a Yuba College Counselor for CSU GE-B and major information at 530.634.7766.

For a full copy of the CSU GE Breadth Requirements Advising Sheet visit: <https://yc.yccd.edu/student/transfer/csu/>

CSU GE Breadth for STEM (ONLY for the Associate Degree for Transfer in Biology and Associate Degree for Transfer in Chemistry):

- Area A - All courses in English Language Communication and Critical Thinking
- Area B - All courses in Scientific Inquiry and Quantitative
- Area C - One course in Area C1: Arts and one course in Area C2: Humanities
- Area D - Two courses from two different disciplines in Social and Behavioral Sciences
- Area E - All courses in Lifelong Learning and Self-Development

Note: The remaining courses are deferred until after transfer at which time they must be completed.

For the most up-to-date copy of this advising sheet, visit: yc.yccd.edu/student/transfer



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

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

One course from History (HIST) 15, 16A, 16B, 17A, 17B or 29 combined with Political Science (POLSC) 1. These courses may also be used simultaneously to satisfy course requirements on the CSU GE-Breadth or IGETC.

Students whose American Government course does not include California government will need to complete a course on California government. POLSC 3 at Yuba College satisfies this requirement.

Advanced Placement Exam (AP) United States History (score of 3 or higher) will satisfy the US History portion of this requirement. AP US Government and Politics (score of 3 or higher) will satisfy the national government requirement portion but NOT the California (state and local) portion requirement of Constitution and American Ideals. California government may be met by completing Yuba College's POLSC 3.

Transfer to University of California (UC)

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

Lower Division Transfer Admission Requirements:

Students are eligible for admission with fewer than 60 UC transferable semester (90 quarter) units completed if they have met one of the two following options:

1. Students who were eligible for admission to the university upon graduation from high school, meaning that the Subject, Scholarship, and Examination Requirements were satisfied, or students were identified by the UC during their senior year in high school as eligible under the Eligibility in the Local Context (ELC) program and completed the Subject and Examination Requirements in the senior year, are eligible to transfer if they have a “C” (2.0) grade point average in their UC transferable college coursework.

2. Students who met the Scholarship Requirement but did not satisfy the Subject Requirement must take UC transferable college courses in the subjects they are missing, earn a grade of “C” (2.0) or better grade in each of these required courses and earn an overall “C” (2.0) average in all UC transferable college coursework to be eligible to transfer.

Upper Division Transfer Admission Requirements:

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

- Complete 60 semester units of UC transferable college credit with a grade point average of at least 2.4 (no more than 14 semester/21 quarter units may be taken Pass/Not Pass), and:

- Complete the following seven course pattern, earning a grade of “C” (2.0) or better in each course:

- two UC transferable college courses (3 semester units each) in English composition

- one UC transferable college course (3 semester units) in mathematical concepts and quantitative reasoning

- four transferable college courses (3 semester units each) chosen from at least two of the following subject areas: the arts and humanities, the social and behavioral sciences, and the physical and biological sciences.

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

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

UC Transfer Admission Planner (UC TAP)

UC TAP is a free online tool to help prospective UC transfer students track and plan their coursework.

The UC TAP tool is designed for use by students transferring from California community colleges, including those students who are seeing a Transfer Admission Guarantee (TAG) with one of the six participating UC campuses.

Students can use the Transfer Admission Planner to enter their coursework (completed and planned) from the very beginning of their college careers, or at any point when they decide to transfer to a UC campus.

The planner helps students track their progress toward meeting UC's minimum requirements and allows UC staff to communicate important information to prospective transfer students.

UC Transfer Admission Guarantee (TAG)

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

University of California Transfer Course Agreement

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

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

Course/unit limitations:

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

University of California Transfer Opportunity Program

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

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

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

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

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

Additional courses may be added to the Yuba College IGETC. An updated IGETC may be obtained from the Yuba College Counseling Office, the Transfer Center or www.assist.org.

IGETC Notes:

- All courses must be completed with a “C” grade or better.
- A course with a grade of “P” or “CR” may be used as long if the grading policy of the community college where the course was taken states that the “P” or “CR” grade is equivalent to a “C” grade or better. The UC will allow no more than 14 units total taken with “P” or “CR” grades toward UC transfer.
- Catalog rights do not apply to IGETC. Courses must be on the IGETC at the time they are taken.
- Woodland Community College and Yuba College do not share IGETC patterns. If taking a course in person or online at WCC, check to see what area it satisfies on WCC’s pattern.



CALIFORNIA STATE UNIVERSITY
General Education Breadth Requirements
2020-2021 Counselor Advising Sheet

Student's Name _____ Student ID: _____

Circle courses completed. List units in column (courses may be counted only once).

Area A. English Language Communication and Critical Thinking – 9 semester units – Completed with a “C” grade or better (One course required from area A1, A2 & A3)	Required	C	IP	N
A1. Oral Communication: SPECH 1, 3, 6, 7 College/Course: _____ AP Exam: _____	3			
A2. Written Communication: ENGL 1A, 1E College/Course: _____ AP Exam: _____	3			
A3. Critical Thinking: ENGL 1B, 1C; PHIL 12; SPECH 3 College/Course: _____ AP Exam: _____	3			
Area B. Scientific Inquiry and Quantitative Reasoning – 9 semester units (One course required from area B1 & B2 (including a lab – B3) & B4)	Required	C	IP	N
B1. Physical Science: ASTRO 1; CHEM 1A, 1B, 2A, 2B, 10, 18A, 18B; ECOL 10, 12; GEOG 1; GEOL 10L, 11L, 12, 20; PHYS 10A, 10B; PHYS 2A, 2B, 4A, 4B, 4C College/Course: _____ AP Exam: _____	3-4			
B2. Life Science: AG 45; ANTHR 1; BIOL 1, 2, 3, 4, 5, 6, 10, 10L, 15, 24, 24L, 25; ECOL 10, 12; PLSCI 20, 22 College/Course: _____ AP Exam: _____	3-4			
B3. Laboratory Activity: AG 45L; BIOL 1, 2, 3, 4, 5, 6, 10L, 11, 24L; CHEM 1A, 1B, 2A, 2B, 18A, 18B; ECOL 11; GEOL 10L, 11L; PHYS 10AL, 10C; PHYS 3A, 3B, 4A, 4B, 4C; PLSCI 20A, 22A	0-1			
B4. Mathematics/Quantitative Reasoning – Completed with a “C” grade or better MATH 1A, 1B, 1C, 2, 3, 9, 10, 15, 16, 20, 21, 25; PSYCH 6; STAT 1 College/Course: _____ AP Exam: _____	3			
Area C. Arts and Humanities – 9 semester units (Must include courses from areas C1 & C2. Courses must be taken in at least two disciplines)	Required	C	IP	N
C1. Arts (Art, Cinema, Dance, Music, Theatre): ART 1A, 1B, 3A, 3B, 5, 20, 21, 31; ASIAN 31; ENGL 34; HUMAN 5, 10, 11, 26A, 26B, 31, 34; MUSIC 1, 1A, 1B, 3, 8A, 8B, 12, 15, 16, 17, 18; SPECH 2; THART 10, 32, 33, 34 College/Course: _____ AP Exam: _____	3			
C2. Humanities (Literature, Philosophy, Languages Other Than English): ASIAN 31; ECE 39; ENGL 1B, 30A, 30B, 31A, 31B, 36, 37, 42, 46A, 46B; FRNCH 1, 2; HIST 4A, 4B, 5A, 5B, 7, 14, 15, 16A, 16B, 17A, 17B; HUMAN 10, 11, 20, 31; MUSIC 12; PHIL 1, 2, 3, 6, 20; POLSC 6; SIGN 2, 3; SPAN 1, 2, 3, 4, 10, 20A, 20B, 36; SPECH 2 College/Course: _____ AP Exam: _____	3			
C1 or C2: Chosen from C1 or C2 – that has not already been used to complete C1 or C2	3			
Area D. Social Sciences – 9 semester units (Courses must be taken in at least two disciplines)	Required	C	IP	N
Social Sciences (one, two or three courses): AJ 10, 19; ANTHR 2, 3; ECE 3, 31; ECON 1A, 1B; GEOG 5; HIST 4A, 4B, 5A, 5B, 7, 14, 15, 16A, 16B, 17A, 17B, 29; MCOMM 2; PHIL 6; POLSC 1, 2, 3, 6, 7; PSYCH 1A, 6, 7, 12, 22, 33, 41; SOCIL 1, 2, 5, 6, 8, 10, 30; SPECH 8 College/Course: _____ AP Exam: _____	9			
Area E. Lifelong Learning and Self-Development – 3 semester units (Courses cannot be all in Physical Activities – KINES/ATHL)	Required	C	IP	N
COUNS 10, 25, 33; ECE 3, 5; HLTH 1, 3; PE (1.5 unit maximum): ATHL 1.55R, 2.01R, 2.03R, 2.04R, 2.07R, 2.08R, 2.09R, 2.11R, 2.13R, 11R, 12R, 15R, 16R, 17R, 31R, 32R, 33R, 36R, 37R; KINES 1.21, 1.22, 1.24, 1.25, 1.26, 1.27, 1.31, 1.33, 1.34, 1.36, 1.37, 1.41, 1.42, 1.57, 1.57B, 1.59, 1.71, 1.75, 1.76, 1.77, 1.78, 1.79, 3, 4, 6, 20; PSYCH 1A, 12, 33, 41; SOCIL 30 College/Course: _____ AP Exam: _____	3			
CSU Graduation Requirement in U.S. History, Constitution & American Ideals – Select courses to satisfy US 1, 2, & 3 (6-9 semester units)	Required	C	IP	N
US 1: Historical Development of American Institutions & Ideals: HIST 15, 16A, 16B, 17A, 17B, 29	3			
US 2: US Constitution and Government: POLSC 1 (AP US Government with a score of 3, 4, or 5 satisfies US 2 but not US 3)	3			
US 3: California State and Local Government: POLSC 1, 3	0-3			

AREA 4 – SOCIAL and BEHAVIORAL SCIENCES (At least 3 courses from at least 2 disciplines or an interdisciplinary sequence (9 semester units) ANTHR 2, 3; ECE 3, 31; ECON 1A, 1B; GEOG 5; HIST 5A, 5B, 7, 14, 15, 16A, 16B, 29; PHIL 6; POLSC 1, 2, 3, 6, 7; PSYCH 1A, 6, 7, 12, 22, 33, 41; SOCIL 1, 2, 5, 6, 8, 10, 30; SPECH 8	Required	C	IP	N
College/Course: _____ AP Exam: _____	3			
College/Course: _____ AP Exam: _____	3			
College/Course: _____ AP Exam: _____	3			

AREA 5 – PHYSICAL AND BIOLOGICAL SCIENCES (At least 2 courses, one Physical Science course and one Biological Science course; at least one must include a laboratory; 7 semester units)	Required	C	IP	N
5A. Physical Science: ASTRO 1; CHEM 1A, 1B, 2A, 2B, 10, 18A, 18B; GEOG 1; GEOL 10L, 11L, 12, 20; PHYSC 10A, 10B; PHYS 2A, 2B, 4A, 4B, 4C; College/Course: _____ AP Exam: _____	3-4			
5B. Biological Science: AG 45; ANTHR 1; BIOL 1, 2, 3, 4, 5, 6, 10, 10L, 15, 24, 24L, 25; ECOL 10, 12; PLSCI 20, 22 College/Course: _____ AP Exam: _____	3-4			
5C. Laboratory Activity: AG 45L; BIOL 1, 2, 3, 4, 5, 6, 10L, 11, 15, 24L; CHEM 1A, 1B, 2A, 2B, 18A, 18B; ECOL 11; GEOL 10L, 11; PHYSC 10AL, 10C; PHYS 3A, 3B, 4A, 4B, 4C; PLSCI 20A, 22A College/Course: _____ AP Exam: _____	0-1			

6A. LANGUAGES OTHER THAN ENGLISH (UC Requirement Only) Proficiency equivalent to:	Required	C	IP	N
<input type="checkbox"/> Completion of two years of high school study in the same language with a grade of "C-" or better in each course. <input type="checkbox"/> Satisfactory score, 3 or higher, on the College Board Advanced Placement examinations in languages other than English. <input type="checkbox"/> Verification from a regionally accredited college or university faculty member asserting the student has mastered a language other than English equivalent to 2 yrs. of high school level language. <input type="checkbox"/> Satisfactory completion of a course (or courses) at a college or university with a grade of "C" or better in each course: FRNCH 2; SIGN 2, 3; SPAN 2, 3, 4, 20A, 20B				
See a counselor for other options to complete this requirement.				

CSU Graduation Requirement in U.S. History, Constitution & American Ideals – Select courses to satisfy US 1, 2, & 3 (6-9 semester units)	Required	C	IP	N
US 1: Historical Development of American Institutions & Ideals: HIST 15, 16A, 16B, 17A, 17B, 29	3			
US 2: US Constitution and Government: POLSC 1 (AP US Government with a score of 3, 4, or 5 satisfies US 2 but not US 3)	3			
US 3: California State and Local Government: POLSC 1, 3	0-3			

Note: Not part of IGETC; may be completed prior to transfer. Courses used to satisfy this requirement may also be listed and applied to IGETC Areas 3B and/or 4. Log on to www.assist.org for more info.

IGETC COMPLETED: California State University [] CSU Graduation Requirement in U.S. History, Constitution & American Ideals []
University of California []

Completed _____

IGETC for STEM (ONLY for the Associate Degree for Transfer in Biology and Associate Degree for Transfer in Chemistry):

- **Area 1** - All courses in English Communication
- **Area 2** - All courses in Mathematical Concepts and Quantitative Reasoning
- **Area 3** - One course in 3A: Arts and one course in Area 3B: Humanities
- **Area 4** - Two courses from two different disciplines in Area 4: Social and Behavioral Sciences
- **Area 5** - All courses in Physical and Biological Sciences

Note: The remaining courses are deferred until after transfer at which time they must be completed.

For the most up-to-date copy of this advising sheet, visit: yc.yccd.edu/student/transfer

• Courses taken in person or online at other community colleges will be applied to IGETC according to how they were approved at the college and semester where completed.

• Courses listed in more than one area may only be used once except for courses in Area 6: LOTE as well as courses in US History, Constitution and American Ideals.

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

• Transfer credit may be limited by UC and CSU for similar courses or for introductory courses taken after more advanced courses. See ASSIST for details or consult a counselor.

• Some University of California colleges/schools/majors do not accept IGETC. See: admission.universityofcalifornia.edu or each UC’s website for more information.

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

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

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

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

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

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

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

Programs and Options

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

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

Career Technical Education Transitions

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

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

Programs Articulated with ROP and Secondary Institutions

Programs listed below have at least one class articulated with area High Schools. Students should check with their counselor to see if there are any active articulations at their school. Teachers for those courses will provide students information on how to be considered for and qualify for college credit. Student can also contact the CTE Transitions Office at Yuba College (530) 741-6588.

- Administration of Justice
- Agriculture
- Art
- Automotive Technology
- Counseling
- Culinary Arts
- Early Childhood Education
- Engineering
- Theatre Arts
- Veterinary Technology
- Welding



Yuba College Degrees and Certificates

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

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

Associate in Arts and Associate in Science Degrees

Yuba College offers both the Associate in Arts and the Associate in Science degrees. Students planning to obtain an associate degree must complete all the required courses for a major (18- to approximately 34 units), meet competency requirements, fulfill general education requirements and complete electives to meet a minimum totaling 60 degree applicable units. Check with counselors regarding requirements.

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. Check with counselors and individual departments regarding requirements.

Administration of Justice

- Degree:**
- A.S.-Administration of Justice-Basic Police Academy
 - A.S.-Corrections
 - A.S.-Law Enforcement
 - A.S.-T-Administration of Justice

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

- Certificates of Training:**
- Correctional Officer Academy
 - Reserve Officer Level 3

Agriculture

- Degree:**
- A.S.-Agriculture

Art

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

- Certificates of Achievement:**
- Photographic Imaging

Automotive Technology

- Degree:**
- A.S.-Automotive Body Repair
 - A.S.-Automotive Technology
 - A.S.-Tune-Up and Driveability

- Certificates of Achievement:**
- Automotive Body Repair
 - Automotive Drive Trains
 - Automotive Emission Technician
 - Automotive Service Technician
 - Automotive Technology
 - Transporation Engine Repair and Machining
 - Tune-Up and Driveability

Biology

- Degree:**
- A.S.-Biology
 - A.S.-Biology-Allied Health
 - A.S.-T-Biology

Business

Degree: A.S.-Accounting
A.S.-General Business Management
A.S.-Personnel Management
A.S.-Small Business Management
A.S.-T-Business Administration

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

Chemistry

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

Communications Studies (See Speech)

Computer Science

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

Certificate of Achievement:
Computer Science

Culinary Arts

Degree: A.S.-Culinary Arts
Certificate of Achievement:
Culinary Arts

Early Childhood Education

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

Certificates of Achievement:
Arts Specialization
Child Development Teacher
Children with Special Needs Specialization
Diversity in ECE
Foundations in ECE Specialization
Infant and Toddler
Language and Literacy Specialization
School Age Specialization
Site Supervisor
Teacher/Family Relationships Specialization
Transitional Kindergarten and Early Education

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

Emergency Medical Technology

Certificates of Training:
EMT-1

English As a Second Language

Certificate of Advancement:
Academic Preparedness and Career Development
Foundations of Literary Interpersonal Communication
Life Skills

Certificate of Competency:
Academic Preparedness and Career Development
Foundations of Literacy
Interpersonal Communication
Life Skills

English

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

Fire Technology

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

Certificates of Achievement:
Fire Technology
Fire Technology-Firefighter Academy

Certificates of Training:
First Responder

General Education

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

Geology

Degree: A.S.-T-Geology

History

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

Human Services

Degree: A.S.-Chemical Dependency Counselor
Certificates of Achievement:
Chemical Dependency Counselor

Kinesiology

Degree: A.A.-Kinesiology
A.A.-T-Kinesiology

Manufacturing Technology/
Machining

Degree: A.S.-Manufacturing Technology/
Machining

Certificate of Achievement:
Fabrication and Manufacturing Methods
Manufacturing Technology/Machining

Mass Communications

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

Certificate of Achievement:
Mass Communications

Mathematics

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

Music

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

Nursing

Degree: A.S.-Nursing (ADN)
A.S.-LVN to RN Career Mobility Program

Certificate of Achievement:
Option 2: LVN to RN Only (30-Unit Option)

Political Science

Degree: A.A.-T-Political Science

Psychiatric Technology

Certificate of Achievement:
Psychiatric Technician

Psychology

Degree: A.A.-Psychology with a Focus on
Social Services
A.A.-T-Psychology

Radiologic Technology

Degree: A.S.-Radiologic Technology

Social Science

Degree: A.A.-Social Science

Sociology

Degree: A.A.-T-Sociology

Speech

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

Theatre Arts

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

Veterinary Technology

Degree: A.S.-Veterinary Technology
Certificates of Achievement:
Veterinary Receptionist/Assistant

Welding

Degree: A.S.-Welding Technologies
Certificates of Achievement:
Advanced Welding Technologies
Fabrication and Manufacturing Methods
Introductory Welding Technologies

The following degrees are available at the Sutter County Center with all face-to-face courses:

- GE - Arts & Humanities (A.A.)
- GE - Communication (A.A.)
- GE - Natural Science (A.S.)
- GE - Social and Behavioral Sciences (A.S.)
- History (A.A.-T)
- History (A.A.)
- Psychology (A.A.)
- Psychology (A.A.-T)
- Social Science (A.A.)
- Sociology (A.A.-T)
- Child Development Associate Teacher (Certificate of Training)

The following degrees are available at the Sutter County Center with 3 or less DE courses in addition to face-to-face courses:

- Small Business Management (A.S.)
- English (A.A.)
- English (A.A.-T)

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.

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

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

Associate in Arts (A.A.) and Associate in Science (A.S.) Degrees

A student who wishes to receive an Associate degree should consult a Yuba College counselor. The counselor will assist the student in planning the courses required to satisfy the degree. Diplomas printed for a “general education” major will not have the major printed on the diploma.

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 required for the specific major may be waived. Equivalent course work may be substituted only with approval. The student should submit a petition to the Academic Integrity Committee. Petitions will be forwarded to the (division) Dean for recommendation of action.

A student may petition for only one “general education” degree. A student who is earning a degree in one of the specific majors may petition for the specific major in which all graduation requirements have been met.

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

Commencement

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

Certificate of Achievement

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

Certificate of Training

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

Certificates of Training are not listed on the student transcript.

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

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

Course Information

Admission to Courses

OPEN ENROLLMENT POLICY

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

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

PREREQUISITES AND COREQUISITES

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

- Courses for which specific prerequisites have been validated,
- Sequential course work in a degree or program, or
- Courses in which a prerequisite is necessary for transfer to a four-year college.

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

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

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

PLACEMENT LEVELS FOR ENGLISH AND MATHEMATICS

Placement Examination scores, in combination with other factors, are used to help place students in one of Yuba College’s levels of writing and mathematics. After satisfactorily completing the appropriate course(s), students may progress by enrolling in the course at the next higher level. Students should consult a counselor for an evaluation of placement 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 system aimed at helping students and faculty identify courses across CCC’s and CSU’s that fulfill associate or baccalaureate degree requirements. C-id.net reports include designations for approved courses.

C-ID designations can be used in two ways:

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

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

Key to Numbers and Listings

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

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

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

Course “97”

Refer to page 118.

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.
50-99	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.
100-199 Series:	Developmental/Remedial.
200-299 Series:	Primarily designed at the technical level; usually will be courses specifically designed as part of a program(s) leading directly to employment. Under special circumstances, a Baccalaureate degree-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 numbered 100 to 199 can be counted toward the associate degree.

CURRENT COURSE NUMBERING DEFINITIONS:

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

Repeatable Classes

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

Courses designated as repeatable include:

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

3. Students may not enroll more than four times in any combination of active participatory courses that are related in content. The college designates courses that are related in content as “**families of courses**”. Active participatory courses are those courses where individual study or group assignments are the basic means by which learning objectives are obtained. Examples of active participatory courses include physical education, kinesiology, athletics, visual arts or performing arts. This enrollment limit applies even if the student receives a substandard grade or “W” during one or more enrollment or petitions for repetition due to extenuating circumstances.

Transfer Status Designation

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

Unit of Credit

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

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

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

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)

- Students who complete this program should be able to:
1. Explain appropriate investigative techniques and responsibilities at a crime scene to explain mastery of crime scene management.
 2. Identify law enforcement organizational composition to include paramilitary rank structure, methods of police deployment, and resources available to police operations.
 3. Explain of the role of the community in a partnership with law enforcement including, but not limited to, interpersonal skills of effective written and oral communication required of a law enforcement officer.
 4. Explain the role of the community in a partnership with law enforcement including, but not limited to, the critical thinking required of a law enforcement officer.

Required Courses	Units
AJ 50A Reserved Training Module III	5.5
AJ 50B Reserve Training Level III Module	2.5
AJ 51A Reserve Training Level II Module	8
AJ 51B Reserve Training Module II	5
AJ 52A Reserve Training Level I Module	13.5
AJ 52B Reserve Training Level I Module	2
AJ 52C Reserve Training Level I Module	1
Total units required for degree major.....	37.5
<i>Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.</i>	

ADMINISTRATION OF JUSTICE
(Associate in Science for Transfer)

- Students who complete this program should be able to:
1. Apply criminology and criminal justice theories, principles and concepts to address real-life situations in the field.
 2. Recognize the importance and practice of legal and ethical behaviors in a professional criminal justice work setting.
 3. Analyze, interpret and evaluate criminological and criminal justice theories, policies, practices and procedures to develop strategies to prevent and control crime.

Required Courses	Units
AJ 10 Introduction to Criminal Justice System	3
AJ 11 Criminal Law	3

Area A - Select 6 units from the following:	
AJ 13 Evidence.....	3
AJ 14 Criminal Justice Process	3
AJ 15 Criminal Investigation	3
AJ 19 Multicultural Communities and the Justice System...	3

Area B - Select at least 6-7 additional units from the following courses, OR any CSU transferable Administration of Justice lower division course or courses outside the Administration of Justice discipline that are articulated as lower division major preparation for the Criminal Justice or Criminology Major at any CSU.

SOCIL 1 Introduction to Sociology	3
PSYCH 1A General Psychology	3
STAT 1 Introduction To Statistical Methods	4
Total units required for degree major	18-19
Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC (CSU version), all courses in the major with "C" or better grades, and achieve a minimum transferable cumulative GPA of 2.0.	

CORRECTIONS
(Associate in Science)

Required Courses	Units
Students who complete this program should be able to:	
1. Explain the functional relationship between Corrections and law Enforcement.	
2. Analyze complex situations, employ a reasonable plan for resolution and devise methods for appraisal of desired outcomes as they apply to Correctional Science.	
3. Demonstrate an understanding of Corrections to difficulties in society, based on factors from the neighborhood, the home, and the individual.	

AJ 11 Criminal Law.....	3
AJ 20 Juvenile Law and Procedures	3
AJ 30 Introduction to Corrections	3
AJ 31 Criminal and Delinquent Behavior.....	3
AJ 33 Introduction to Correctional Counseling	3
AJ 34 Correctional Treatment Programs	3

Plus 3 units from the following:	
AJ 10 Introduction to Criminal Justice System	3
AJ 14 Criminal Justice Process	3
AJ 19 Multicultural Communities and the Justice System...	3
AJ 21 Narcotics and Drugs.....	3
HUSEV 10 Introduction to Human Services	3
Psychology/Sociology elective	3
Total units required for degree major	21
Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.	

LAW ENFORCEMENT
(Associate in Science)

- Students who complete this program should be able to:
1. Explain appropriate investigative techniques and responsibilities at a crime scene to demonstrate mastery of crime scene management.
 2. Identify law enforcement organizational composition to include paramilitary rank structure, methods of police deployment, and resources available to police operations.
 3. Explain the role of the community in a partnership with law enforcement including, but not limited to, interpersonal skills of effective written and oral communications.
 4. Explain the role of the community in a partnership with law enforcement including, but not limited to, critical thinking required of a law enforcement officer.

Required Courses	Units
AJ 10 Introduction to Criminal Justice System	3
AJ 11 Criminal Law	3
AJ 13 Evidence.....	3
AJ 14 Criminal Justice Process	3
AJ 15 Criminal Investigation	3
AJ 19 Multicultural Communities and the Justice System...	3
AJ 78 Investigative Report Writing for the Public Safety Professional.....	3
Total units required for degree major	21

Additional Recommended Courses:	
AJ 20 Juvenile Law and Procedures	3
AJ 21 Narcotics and Drugs.....	3
AJ 30 Introduction to Corrections	3
Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.	

BASIC POLICE ACADEMY
(Certificate of Achievement)

- Students who complete this program should be able to:
1. Explain appropriate investigative techniques and responsibilities at a crime scene to explain mastery of crime scene management.
 2. Identify law enforcement organizational composition to include paramilitary rank structure, methods of police deployment, and resources available to police operations.
 3. Explain of the role of the community in a partnership with law enforcement including, but not limited to, interpersonal skills of effective written and oral communication required of a law enforcement officer.
 4. Explain the role of the community in a partnership with law enforcement including, but not limited to, the critical thinking required of a law enforcement officer.

Required Courses	Units
AJ 58A Basic Peace Officer Training.....	23
AJ 58B Basic Peace Officer Training.....	5.5
AJ 58C Basic Peace Officer Training5
Total units required for certificate	33.5

RESERVE TRAINING MODULE I
ACADEMY
(Certificate of Achievement)

- Students who complete this program should be able to:
1. Apply criminology and criminal justice theories, principles and concepts to address real-life situations in the field.

Required Courses	Units
AJ 52A Reserve Training Module I	13.5
AJ 52B Reserve Training Module I	2
AJ 52C Reserve Training Module I	1
Total units required for certificate	16.5

RESERVE OFFICER LEVEL II
(Certificate of Achievement)

- Students who complete this program should be able to:
1. Recognize the importance and practice of legal and ethical behaviors in a professional criminal justice work setting.

Required Courses	Units
AJ 51A Reserve Training Module II	8
AJ 51B Reserve Training Module II	5
Total units required for certificate	13

SPECIAL INVESTIGATOR ACADEMY
(Certificate of Achievement)

- Students who complete this program should be able to:
1. Investigate a complicated and complex special crime and develop a written report that meets all of the requirements necessary for the filing of a criminal complaint.
 2. Identify and then analyze the basic elements of a crime, as defined by the California Penal Code, in order to prepare a complex criminal report.
 3. Explain appropriate investigative techniques and responsibilities at a crime scene to demonstrate mastery of crime scene management.

Required Courses	Units
AJ 217A Specialized Investigator's Basic Course	20
AJ 217B Specialized Investigator's Basic Course	8
Total units required for certificate	28

RESERVE OFFICER LEVEL 3
(Certificate of Training)

- Students who complete this program should be able to:
1. Analyze, interpret and evaluate criminological and criminal justice theories, policies, practices and procedures to develop strategies to prevent and control crime.

Required Courses	Units
AJ 50A Reserve Training Module III	5.5
AJ 50B Reserve Training Module III	2.5
Total units required for certificate	8

CORRECTIONAL OFFICER ACADEMY
(Certificate of Training)

- Students who complete this program should be able to:
1. Explain the functional relationship between Corrections and law Enforcement.
 2. Analyze complex situations, employ a reasonable plan for resolution and devise methods for appraisal of desired outcomes as they apply to Correctional Science.
 3. Demonstrate an understanding of Corrections to difficulties in society, based on factors from the neighborhood, the home, and the individual.

Required Courses	Units
AJ 70A Correctional Officer Core Course	7
AJ 70B Correctional Officer Core Course.....	.5
Total units required for certificate	7.5

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

AJ 13	Evidence	3 units
54 lecture hours		
Transferable to CSU		
C-ID AJ 124		

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

Programs and Courses

AJ 14 <i>54 lecture hours</i> <i>Transferable to CSU</i> <i>C-ID AJ 122</i> 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)	Criminal Justice Process	3 units
AJ 15 <i>54 lecture hours</i> <i>Transferable to CSU</i> <i>C-ID AJ 140</i> 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 court process. Emphasis is placed on developing the students capacity to analyze specific situations and identify sound ethical investigative procedures. (L)	Criminal Investigation	3 units
AJ 16 <i>54 lecture hours</i> <i>Transferable to CSU</i> Philosophy, functions, organization, duties, and analysis of police operational functions including public service responsibilities and special police problems. (L)	Police Operations	3 units
AJ 19 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> <i>C-ID AJ 160</i> 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)	Multicultural Communities and the Justice System	3 units
AJ 20 <i>54 lecture hours</i> <i>Transferable to CSU</i> <i>C-ID AJ 220</i> 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 focus 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 detention of juveniles; juvenile case disposition; legal statutes, and court procedures. (L)	Juvenile Law and Procedures	3 units

AJ 21 <i>54 lecture hours</i> <i>Transferable to CSU</i> Analysis of narcotics and drugs, the physical effects of addiction, and the sociological problems of drug abuse. Students will be introduced to the concept of substance abuse and dependence, the definition of licit and illicit drugs, and the pharmacologic, neurologic and physiologic effects of selected substances on the human brain. Political, social and economic factors involved in the supply and demand for drugs will be discussed. Epidemiologic data on the prevalence, incidence, and trends of smoking, alcohol, prescription and other drug dependencies in the U.S. will be covered, as well as risk factors associated with the use and abuse of these substances. Current options for recovery and a survey of local resources will be reviewed. (L)	Narcotics and Drugs	3 units
AJ 30 <i>54 lecture hours</i> <i>Transferable to CSU</i> <i>C-ID AJ 200</i> This course provides a history of and critical analysis of punishment, the various types of punishment, alternatives to punishment, and the impact of punishment on the Criminal Justice System, corrections, a critical examination of the types of correctional institutions and the clients housed in each institution, and an examination of contemporary correctional issues. (L)	Introduction to Corrections	3 units
AJ 31 <i>54 lecture hours</i> <i>Transferable to CSU</i> An introduction to the study of criminology and crime causation; explores the causes of crime and delinquency by analyzing various social, psychological, and cultural factors. This course introduces the student to the study of major types of criminal behavior, patterns of career offenders, and factors which contribute to the production of criminality and delinquency. (L)	Criminal and Delinquent Behavior	3 units
AJ 33 <i>54 lecture hours</i> <i>Transferable to CSU</i> 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 who are already employed in the Corrections field. (L)	Introduction to Correctional Counseling	3 units
AJ 34 <i>54 lecture hours</i> <i>Transferable to CSU</i> The study of correctional treatment programs concerning juveniles and adults, in both the casework setting and in a custody institution. This is a basic course for students planning to enter or who are already employed in the corrections field. (L)	Correctional Treatment Programs	3 units

Programs and Courses

AJ 50A <i>94 lecture hours, 30 lab hours</i> <i>Other:</i> Medical/Physician's Clearance; Health/History, Par Q. <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: AJ 50B 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. 832pc curriculum has been incorporated into this class as of January 2007. This is the first of three modules to complete the POST Basic Police Academy, extended format (L).	Reserve Training Module III	5.5 units
AJ 50B <i>36 lecture hours, 28 lab hours</i> <i>Other:</i> Department of Justice Fingerprint Clearance. Current PC 832 Training including Firearms (AJ 54 A/B); Medical/ Physician's Clearance. <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: 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).	Reserve Training Level III Module	2.5 units
AJ 51A <i>139 lecture hours, 14 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: AJ 50A and AJ 50B <i>Other:</i> Current First Aid/CPR (within last 3 yrs), Department of Justice Fingerprint Clearance, Current PC 832 Training (AJ 54A/B). <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: AJ 51B This course is designed to meet the new Peace Officer Standards and Training (POST) requirements for the Regular Basic Course (Modular Format), Level II Reserves as of July 2008. This course is Part I (A) of the necessary training requirements for back-up officers. (L)	Reserve Training Level II Module	8 units
AJ 51B <i>78 lecture hours, 42 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: AJ 50A and AJ 50B <i>Other:</i> Department of Justice Clearance and Medical Clearance. <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: AJ 51A Module II of a three-part course sequence that satisfies the Regular Basic Peace Officer Course training requirement. This section, Module II, covers all motor skills designed to meet the new Peace Officer Standards and Training (POST) requirements for the Regular Basic Course, Level II Reserves as of July 2008. This course is Part II (B) of the necessary training requirements for back-up officers. (L)	Reserve Training Module II	5 units

AJ 52A <i>227 lecture hours, 59 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: AJ 51A and AJ 51B <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: AJ 52B and AJ 52C The final module in the Regular Basic Course (Modular Format), Level I Reserve Officer for POST Basic Peace Officer Certification as of July 2008. (L)	Reserve Training Level I Module	13.5 units
AJ 52B <i>26 lecture hours, 43 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: AJ 51A and AJ 51B <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: AJ 52A and AJ 52C The final module, Part II (B) in the Regular Basic Course (Modular Format), Level I Reserve Officer for POST Basic Peace Officer Certification as of July 2008. (L)	Reserve Training Level I Module	2 units
AJ 52C <i>64 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: AJ 51A and AJ 51B <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: AJ 52A and AJ 52B The final module, Part III (C), in the Regular Basic Course (Modular Format), Level I Reserve Officer for POST Basic Police Officer Certification as of July 2008. (L)	Reserve Training Level I Module	1 unit
AJ 54A <i>33 lecture hours, 7 lab hours</i> 832 p.c.; Laws of Arrest, search and seizure, communications, arrest and control techniques. Meets Peace Officer Standards and Training (POST) and Standards of Training for Corrections Program (STC). This course is not a prerequisite for AJ 50 A/B but recommended for students taking the correctional officer core course. (L)	Peace Officer Orientation	1.5 units
AJ 54B <i>14 lecture hours, 10 lab hours</i> <i>Prerequisite:</i> DOJ fingerprint clearance. 832 p.c.; Firearms Training. Meets Peace Officer Standards and Training (POST) and Standards of Training for Corrections Program (STC) Recommended for students taking the correctional officer core course. (L)	Peace Officer Orientation - Firearms	.5 unit

AJ 70A	Correctional Officer Core Course	7 units
<i>117.5 lecture hours, 32 lab hours</i> <i>Other:</i> Medical clearance, Health/History, Par-Q. <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: 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 Statutes, 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	.5 unit
<i>10 lecture hours, 18 lab hours</i> <i>Other:</i> Medical clearance, Health/History, Par-Q. <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: 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 78	Investigative Report Writing for the Public Safety Professional	3 units
<i>54 lecture hours</i> 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. Examines 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. Grades are P/NP option. (L)		
AJ 200A	Probation Officer Core Course	7.5 units
<i>117 lecture hours, 54 lab hours</i> <i>Other:</i> Medical Clearance; Health/History, Par-Q. <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: 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 Corrections (STC) requirements for “entry level” Probation Officers. (L)		

AJ 200B	Probation Officer Core Course	1.5 units
<i>18 lecture hours, 27 lab hours</i> <i>Other:</i> Medical Clearance; Health/History, Par-Q. <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: AJ 200A 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 Officers. (L)		
AJ 202A	Juvenile Correctional Officer Core Course	6.5 units
<i>108 lecture hours, 27 lab hours</i> <i>Other:</i> Medical clearance; Health/History, Par-Q. <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: AJ 202B. Designed to provide the basic concepts and skills for “entry-level” Juvenile Corrections Officer, including overall mission, role and function in the California Juvenile Justice System; major tasks and responsibilities; and competency in various knowledge and skill requirements. Meets California Corrections Standards Authority, Division of Standards and Training for Corrections (STC) requirements for “entry-level” Juvenile Corrections Officers as of July 2007. (L)		
AJ 202B	Juvenile Correctional Officer Core Course	.5 unit
<i>4 lecture hours, 26 lab hours</i> <i>Other:</i> Medical clearance; Health/History, Par-Q. <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: AJ 202A. Designed to provide the basic concepts and skills for “entry level” Juvenile Corrections Officer. This section covers Defensive Tactics and Restraint Techniques. Meets California Corrections Standards Authority, division of Standards and Training for Corrections (STC) requirements for “entry level” Juvenile Corrections Officers as of July 2007. (L)		

Agriculture and Plant Science

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

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

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

Students use their Yuba College education to develop farms, nurseries, green houses and ranches, while others 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.

AGRICULTURE (Associate in Science)	
<i>Students who complete this program should be able to:</i> <i>1. Identify and apply the principles and techniques of modern crop, soil, and livestock management.</i> <i>2. Demonstrate scientific evaluation skills including interpreting graphs/data, as well as be proficient in laboratory procedures.</i> <i>3. Describe fundamental practices in agriculture for livestock, crops, and soil health and sustainability.</i>	
Required Courses	Units
AG 14 Entrepreneurship.....	3
AG 45 or 45L Principles of Animal Science	3-4
PLSCI 20 or 20L Principles of Plant Science	3-4
PLSCI 22 or 22L Introduction to Soils	3-4
Complete 9 units of Agriculture electives.....	9
Total units required for degree major.....	21
<i>Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.</i>	

AG 4	Introduction to Agricultural Business	3 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> Provides a basic understanding of the business and economics of the agricultural industry; an introduction to the economic aspects of agriculture and their implications for the agricultural producer, consumer and the food system; management principles encountered in the day-to-day operation of an agricultural enterprise as they relate to the decision making process.		
AG 7	Agricultural Entrepreneurship	3 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> Principles of establishing and managing a small business in agriculture, including the preparation of a business plan; emphasis on goal-setting, types of agriculture business organizations, obtaining licenses and permits, financing options, accounting aspects, legal requirements, managing the agriculture enterprise, and other aspects in agricultural entrepreneurship. (L,M)		
AG 45	Principles of Animal Science	3 units
<i>54 lecture hours</i> <i>Transferable to CSU/UC</i> <i>C-ID AG-AS 104</i> A scientific approach to the livestock industry encompassing aspects of animal anatomy, physiology, nutrition, genetics and epidemiology. Emphasis on the origin, characteristics, adaptations and contributions of livestock to the modern agriculture industry. Field trips may be required.		

AG 45L	Principles of Animal Science Lab	1 unit
<i>54 lab hours</i> <i>Transferable to CSU/UC</i> Laboratory to accompany Principles of Animal Science (AG 45). A scientific lab approach to the livestock industry encompassing aspects of animal anatomy, physiology, nutrition, genetics and epidemiology. 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. (L)		
AG 60	Preparing for 21st Century Agriculture Workforce	3 units
<i>54 lecture hours</i> Students learn to critically evaluate and assess the agricultural job market and jobs in the future as it relates to career field opportunities. Students will learn how to identify opportunities and evaluate skills, interests, and identify training and/or education pathways through agriculture career explorations.		
AG 65	Introduction to Agriculture Technology	3 units
<i>54 lecture hours</i> An analysis of current and trending technologies and basic trades used in agriculture industry today. Emphasis on basic mechanical skills, basic electricity, instrumentation, automation, welding, machining, process improvement, basic drafting, construction and safety management. Emphasizes a proactive approach to project planning, problem solving, and thinking critically.		
AG 70	Precision Farming Systems	3 units
<i>54 lecture hours</i> Provides a background in the tools of precision farming, including: GPS, GIS, VRT, precision planters, yield monitoring, robotics and drones, and their use on modern farms. Previews basic functions and provides practical experience with hands on computer activities in several disciplines. Data management and evaluation will also be covered. Basic drone maneuvers will be covered utilizing simulator software.		

Plant Science		
PLSCI 20	Principles of Plant Science	3 units
<i>54 lecture hours</i> <i>Transferable to CSU/UC</i> Principles of plant growth including structure, growth processes, propagation, physiology, growth media, and biological competitors. Students are encouraged to concurrently enroll in the lab section, PLSCI 20L.		
PLSCI 20A	Principles of Plant Science Lab	1 unit
<i>54 lab hours</i> <i>Conditions of Enrollment:</i> Concurrent enrollment or satisfactory completion of PLSCI 20 <i>Transferable to CSU/UC</i> Lab course designed to complement PLSCI 20. Topics include microscope use, internal and external plant structures, photosynthesis, respiration, and other aspects of plant growth and development. Students enrolled in PLSCI 20A should be concurrently enrolled in PLSCI 20.		
PLSCI 22	Introduction to Soils	3 units
<i>54 lecture hours</i> <i>Transferable to CSU/UC</i> Physical, chemical and biological properties of soils as related to plant growth and soil formation; the study of soil development, classification and characteristics; soil use and management including erosion, moisture retention, structure, cultivation, organic matter and microbiology. Students are encouraged to concurrently enroll in the lab section, PLSCI 22L. Grades are P/NP option.		
PLSCI 22A	Introduction to Soils Lab	1 unit
<i>54 lab hours</i> <i>Conditions of Enrollment:</i> Concurrent enrollment or satisfactory completion of PLSCI 22 <i>Transferable to CSU/UC</i> Laboratory to accompany Introduction to Soils (PLSCI 22). 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. Students enrolled in PLSCI 22A should be concurrently enrolled in PLSCI 22.		

Anthropology

ANTHR 1	Introduction to Physical Anthropology	3 units
<i>54 lecture hours</i> <i>Transferable to CSU/UC</i> This course examines human biological variation within an evolutionary context. It includes an introduction to the history and principles of evolutionary theory; basic human genetics and molecular biology; the anatomy, behavior, and ecology of our closest living relatives, non-human primates; the evolution of the human lineage through the hominid fossil record; variation among modern human groups, past and present; and a brief introduction to forensic anthropology. Throughout the course, attention is paid to the complex interaction between biology, behavior, and culture.		
ANTHR 2	Cultural Anthropology	3 units
<i>54 lecture hours</i> <i>Transferable to CSU/UC</i> Investigates the diversity of cultures in regards to language, economics, kinship, art, religion, technology, and cultural universals; functional aspects of culture and cultural change; varieties of customs and institutions of different peoples; significance of human culture.		
ANTHR 3	Introduction to Archaeology	3 units
<i>54 lecture hours</i> <i>Transferable to CSU/UC</i> 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)		

Art

Some classes are subject to Family of Classes restrictions on page 87.

Art surrounds us every minute of each day. The AA in Art program develops a student’s creative ability, independent thinking, and potential to become a visual thinker and effective communicator whether interested in the process of painting, commercial layout, making a functional ceramic piece or company logo. Students will be introduced to art history and hands-on studio experiences in drawing and design as well as ceramics or sculpture. Beyond the foundation requirements of art history and studio experience, students will have an opportunity to explore other studio areas in painting, printmaking, commercial art, and/or photography or further their skills in ceramics or sculpture or further focus on understanding of art history. In advanced courses, students will also be able to produce a portfolio of their work for presentation. These artistic skills and training experiences can lead to a variety of careers in many traditional studio and new digital design fields. These careers range through architecture and interior design, art history and education, museum/gallery curating, interactive design, museum/gallery direction, studio and fine arts, web based graphic and/or commercial art and design, and many other creative job paths that surround these creative professions.

ART (Associate in Arts)

- Students who complete this program should be able to:
- 1. Analyze and communicate a knowledge of Art History
 - 2. Demonstrate skill in design and composition of various art forms
 - 3. Demonstrate specific practice and personal skill in various studio arts media

Required Courses	Units
ART 1A History of Art-1 OR ART 1B History of Art-II	3
ART 4A Drawing and Composition Beginning	3
ART 6A Beginning Basic Design	3
ART 12A Beginning Ceramics OR ART 14A Beginning Sculpture	3
ART 4B Drawing and Composition Intermediate OR ART 6B Intermediate Basic Design, 3-D OR ART 2 Color Theory OR ART 5 Art Appreciation	3
Select twelve (12) units from the following courses:	
ART 1A History of Art-1	
ART 1B History of Art-II	
ART 2 Color Theory	
ART 3A Women in Art I	
ART 3B Women in Art II	
ART 4B Drawing and Composition Intermediate	
ART 5 Art Appreciation	
ART 6B Intermediate Basic Design, 3-D	
ART 8A Watercolor Painting	
ART 8B Watercolor Painting	
ART 9A Beginning Painting	
ART 9B Intermediate Painting	

ART 11 Mural Painting	
ART 12A Beginning Ceramics	
ART 12B Intermediate Ceramics	
ART 14A Beginning Sculpture	
ART 14B Intermediate Sculpture	
ART 15A Beginning Printmaking	
ART 15B Intermediate Printmaking	
ART 18 Beginning Graphic Arts	
ART 19A Introduction to Commercial Art	
ART 19B Commercial Art: Illustration	
ART 20 African, Oceanic, and Native American Art History Survey	
ART 21 Asian Art History	
ART 29 Individual Problems in Design	
ART 31 Basic Photography	
ART 36A Digital Photography	
ART 40A Individual Problems in Watercolor	
ART 40B Individual Problems in Watercolor: Advanced	
ART 41A Individual Problems in Patining I	
ART 41B Individual Problems in Painting: Advanced	
ART 42A Individual Problems in Ceramics I	
ART 42B Individual Problems in Ceramics II	
ART 43A Individual Problems in Printmaking	
ART 43B Individual Problems in Printmaking: Advanced	
ART 44 Individual Problems in Drawing	
ART 46A Individual Problems in Sculpture I	
ART 46B Individual Problems in Sculpture II.....	3
Total units required for degree major.....	27

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

COMMERCIAL ART (Associate in Science)

- Students who complete this program should be able to:
- 1. Articulate a broad knowledge of the history and practice of various studio art media, art forms, and artists.
 - 2. Demonstrate specific practice and personal skill in various studio arts media.
 - 3. Students will be able to interact within the studio arts community to exhibit and promote personal/professional work.

Required Courses	Units
ART 2 Color Theory.....	3
ART 4A Drawing and Composition Beginning	3
4B Drawing and Composition Intermediate	3
ART 6A Beginning Basic Design	3
ART 6B Intermediate Basic Design, 3D	3
ART 19A Introduction to Commercial Art.....	3
ART 19B Commercial Art: Illustration	3
Plus 3 units selected from the following:	
ART 1A, 1B, 8A, 8B, 9A, 9B, 12A, 12B, 14A, 14B, 15A, 15B, 31	
Total units required for degree major.....	24
Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.	

PHOTOGRAPHIC IMAGING (Associate in Science)

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

Required Courses	Units
15 required units from the following:	
ART 31 Basic Photography	3
ART 33 Advanced Photography	3
ART 35 Creative Photography Documentary	3
ART 36A Digital Photography (3 units each)	3
ART 36B Intermediate Digital Photography.....	3
Plus 6 units from the following:	
ART 32A Intermediate B&W Photography A.....	3
ART 32B Intermediate B&W Photography B	3
ART 32C Advanced Black and White Photography.....	3
ART 36C AdvancedDigital Photography	3
Total units required for degree major.....	21
Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.	
Additional Recommended Courses:	
ART 5 Art Appreciation	3
ART 6A Basic Design	3
ART 38 Field Workshop-Black and White	1
ART 39 Field Workshop-Color/Digital.....	1

STUDIO ARTS (Associate in Arts in Studio Arts for Transfer)

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

Required Courses	Units
ART 1B History of Art	3
ART 6A Beginning Basic Design	3
ART 6B Intermediate Basic Design	3
ART 4A Drawing and Composition	3
List A Courses. Select one (3 units):	
ART 1A History of Art	3
ART 21 Asian Art History	3
ART 20 African, Oceanic, and Native American Art History Survey	3
List B Courses. Choose three (9 units):	
ART 2 Color Theory	3
ART 4B Drawing and Composition, Advanced	3
ART 9A Beginning Painting	3
ART 12A Beginning Ceramics	3
ART 14A Beginning Sculpture	3
ART 15A Beginning Printmaking	3
ART 31 Basic Photography	3
ART 36A Digital Photography.....	3
Total units required for degree major	24

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC (CSU version), all courses in the major with “C” or better grades, and achieve a minimum transferable cumulative GPA of 2.0.

PHOTOGRAPHIC IMAGING (Certificate of Achievement)

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

Required Courses	Units
12 required units from the following:	
ART 31 Basic Photography	3
ART 32B Advanced Photography	3
ART 35 Creative Photography Documentary	3
ART 36A Digital Photography.....	3
Plus 6 units from the following:	
ART 32A Intermediate B&W Photography A.....	3
ART 32B Intermediate B&W Photography B	3
ART 32C Advanced Projects - Black and White	3
ART 36B Introduction to Photoshop	3
ART 36C Advanced Projects - Digital	3
Total units required.....	18
Additional Recommended Courses:	
ART 6A Basic Design	3
ART 38 Field Workshop-Black and White	1
ART 39 Field Workshop-Color/Digital.....	1

Programs and Courses

ART 1A <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> <i>C-ID ARTH 110</i> Survey of Art history, painting, sculpture, and architecture; Art from the Paleolithic period through the Early Christian World. (L)	History of Art-I	3 units
ART 1B <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> Survey of European Art history, painting, sculpture and architecture from the Renaissance to the 20th Century. (L)	History of Art-II	3 units
ART 2 <i>36 lecture hours, 54 lab hours</i> <i>Transferable to CSU/UC</i> <i>C-ID ARTS 270</i> Study and application of color theory to solve studio problems in fine and applied arts. Historical overview of the uses of color and an analysis of the interaction color in a laboratory situation.	Color Theory	3 units
ART 3A <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> The 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 HUMAN 26A. Grades are P/NP option.	Women in Art I	3 units
ART 3B <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> 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. Grades are P/NP option.	Women in Art II	3 units
ART 4A <i>27 lecture hours, 81 lab hours</i> <i>Transferable to CSU/UC</i> Drawing and composition using various materials. Basic instruction in perspective, landscape, still life, and other subjects. Grades are P/NP option.	Drawing and Composition Beginning	3 units
ART 4B <i>27 lecture hours, 81 lab hours</i> <i>Transferable to CSU/UC</i> <i>C-ID ARTS 205</i> Students in this course will build on fundamental drawing skills to develop personalized solutions to content and materials in exercises covering multiple historical and contemporary approaches to drawing Grades are P/NP option. (L)	Drawing and Composition Intermediate	3 units

ART 5 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> <i>C-ID ARTH 100</i> This course provides a general introduction to visual art through selected examination of art works and architecture from diverse cultures of the world from the prehistoric period to the present, familiarizing students with art historical context and terminology, visual elements, design principles, and visual art media. Not open for credit to students who have completed HUMAN 5. (C,L)	Art Appreciation	3 units
ART 6A <i>27 lecture hours, 81 lab hours</i> <i>Transferable to CSU/UC</i> <i>C-ID ARTS 100</i> 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)	Beginning Basic Design	3 units
ART 6B <i>27 lecture hours, 81 lab hours</i> <i>Transferable to CSU/UC</i> <i>C-ID ARTS 101</i> 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)	Intermediate Basic Design, 3D	3 units
ART 8A <i>27 lecture hours, 81 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: Art 4A <i>Transferable to CSU/UC</i> Basic principles and elements of watercolor painting in various techniques; wet on wet, washes, and drybrush. Concepts of form, color, content, and space are explored. Grades are P/NP option. (L)	Watercolor Painting	3 units
ART 8B <i>27 lecture hours, 81 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 8A <i>Transferable to CSU/UC</i> Basic principles and elements of watercolor painting in various techniques; wet-on-wet, washes, and drybrush. Advanced techniques applied, portfolio of personal work developed. Grades are P/NP option. (L)	Watercolor Painting	3 units
ART 9A <i>27 lecture hours, 81 lab hours</i> <i>Transferable to CSU/UC</i> <i>C-ID ARTS 210</i> Introduction to the principles, elements, and practices of painting. Focus on painting materials, perceptual skills and color theory, paint mixing and technique, as well as creative response to materials and subject matter. Grades are P/NP option.	Beginning Painting	3 units

Programs and Courses

ART 9B <i>27 lecture hours, 81 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 9A <i>Transferable to CSU/UC</i> Continued exploration of painting media and techniques. Emphasis on personal style and painting from life. Students will be introduced to painting in a series. Grades are P/NP option. (L)	Intermediate Painting	3 units
ART 11 <i>27 lecture hours, 81 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 9B <i>Transferable to CSU/UC</i> Studio course focused on the creation of a large mural. Students will design, compose, prepare and produce a wall mural project. Students will explore the design and cultural significance of historical murals. (M)	Mural Painting	3 units
ART 12A <i>27 lecture hours, 81 lab hours</i> <i>Transferable to CSU/UC</i> Basic studio techniques and processes in hand building, use of the Potter wheel, and creative, artistic expression using clay. Introduction to ceramic materials and concepts with processes including basic design principles and creative development in hand building and wheel thrown techniques, techniques for glaze use, firing and ceramic terminology. This course covers aesthetic and creative development of clay objects through examining historical, contemporary, and personal modes of expression across cultures. (L)	Beginning Ceramics	3 units
ART 12B <i>27 lecture hours, 81 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 12A <i>Transferable to CSU/UC</i> Intermediate techniques and processes for wheel-thrown and handbuilt pottery; creative and artistic expression through the use of clay and glazes. Grades are P/NP option. (L)	Intermediate Ceramics	3 units
ART 14A <i>27 lecture hours, 81 lab hours</i> <i>Transferable to CSU/UC</i> Introduction to three-dimensional sculptural principles, techniques, and concepts utilizing a wide range of materials and practices. Various sculpture methods are practiced with attention to creative self-expression and historical content. Focuses on the use and exploration of the media of clay, plaster, wood and armature building. Covers concepts such as figurative sculpture, abstract sculpture, and conceptual sculpture. Grades are P/NP option.	Beginning Sculpture	3 units
ART 14B <i>27 lecture hours, 81 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 14A <i>Transferable to CSU/UC</i> Further study of three dimensional form and use of materials such as clay, plaster, wood, metal and armature building, with an introduction to creating sculptural spaces through “Installation”. Further study of figurative and abstract concepts with an emphasis on conceptual work. Grades are P/NP option.	Intermediate Sculpture	3 units

ART 15A <i>27 lecture hours, 81 lab hours</i> <i>Transferable to CSU/UC</i> Students will explore basic printmaking techniques, including intaglio, relief, planographic and stencil. Students will become familiar with historical examples using each of these techniques. Focus on safe and correct use of printmaking materials and equipment and best practices for working in a studio space with others. Covers printmaking studio vocabulary and practice in critique students' own work and the work of others. At the conclusion of the class students will be able to print a consistent edition of prints. Grades are P/NP option.	Beginning Printmaking	3 units
ART 15B <i>27 lecture hours, 81 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 15A <i>Transferable to CSU/UC</i> Students will develop expertise in techniques covered in Art 15A. Advanced printmaking techniques such as solar plate intaglio, mezzotint, and screen-printing with photo emulsion. Students will develop an ability to use printmaking to create original and meaningful content and imagery. Students will learn to work with color and create images using multiple plates. Grades are P/NP option.	Intermediate Printmaking	3 units
ART 18 <i>36 lecture hours, 54 lab hours</i> <i>Transferable to CSU</i> This course is an introductory overview of the technical software and aesthetic fundamental elements for creating typography for print ready visual communications. This course includes a study of “letterform,” typeface, copy fitting, graphic arts software and the creative application of all the above. Grades are P/NP option. (L,C)	Beginning Graphic Arts	3 units
ART 19A <i>27 lecture hours, 81 lab hours</i> <i>Transferable to CSU</i> Introduces students to the principles of drawing and design, tools, computer software, and vocabulary and concepts for design of commercial art production. Focus is on promotional design skills for client-based product. Grades are P/NP option. (C)	Introduction to Commercial Art	3 units
ART 19B <i>27 lecture hours, 81 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 19A <i>Transferable to CSU</i> Studio practice in the basic concepts and techniques of commercial illustration, using typical projects that occur in employment situations. Stress on various media, portfolio, and camera ready work. Grades are P/NP option. (C)	Commercial Art: Illustration	3 units

Programs and Courses

ART 20	African, Oceanic, and Native American Art History Survey	3 units
<i>54 lecture hours</i> <i>Transferable to CSU/UC</i> This course is a survey of visual culture within select regions in Africa, Oceania, and indigenous Americas. Grades are P/ NP option.		
ART 21	Asian Art History	3 units
<i>54 lecture hours</i> <i>Transferable to CSU/UC</i> This course is a survey of the arts of China, India, Japan, Indonesia, Korea, and South East Asia from prehistoric times to the present. This course examines the wide variety of art forms from these areas and time periods within their historical contexts, with emphasis on function, meaning, aesthetic concepts, mechanical aspects of art making, and the classification and criticism of these arts. Grades are P/ NP option. (L)		
ART 27	Photography Materials and Processes	1 unit
<i>54 lab hours</i> <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: ART 31 <i>Transferable to CSU</i> An additional laboratory experience for those interested in further refining and developing concepts attained in regular course offerings in the photography emphasis in Fine Art.		
ART 29	Individual Problems in Design	3 units
<i>27 lecture hours, 81 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 6B <i>Transferable to CSU</i> Advanced principles and elements of art and their functioning design as related to all phases of art. (L)		
ART 31	Basic Photography	3 units
<i>36 lecture hours, 54 lab hours</i> <i>Transferable to CSU/UC</i> An exploration into basic camera operation and black and white processing and printing. History and development of photography. Emphasis is on personal expression. Manual film camera preferred. (L)		
ART 32A	Intermediate Black and White Photography A	3 units
<i>36 lecture hours, 54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 31 <i>Transferable to CSU</i> Students will learn advanced darkroom processes, zone system, archival processing, print and negative chemical manipulation, and be introduced to the large format camera. Discussion and critical analysis of assigned exercises will be conducted. (L,M)		

ART 32B	Intermediate Black and White Photography B	3 units
<i>36 lecture hours, 54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 32A <i>Transferable to CSU</i> 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. (L)		
ART 32C	Advanced Black and White Photography	3 units
<i>36 lecture hours, 54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 32B <i>Transferable to CSU</i> Individual exploration of advanced black and white photog-raphy concepts such as refining the zone system, infrared photography, large format camera, etc. within a structured but non-confining framework. Students will develop a portfolio of work throughout the semester demonstrating creative and conceptual competence.		
ART 33	Advanced Photography	3 units
<i>36 lecture hours, 54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 36B <i>Transferable to CSU</i> 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 capstone course for the Photographic Imaging AS and certificate, designed to be a culmination of students' experience. Preparation of final portfolios and resume to target specific photographic markets. (L)		
ART 35	Creative Photo Documentary	3 units
<i>36 lecture hours, 54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 31 or ART 36A <i>Transferable to CSU</i> Students will develop an understanding and appreciation of the photograph as it is used in social and personal commentary. Individual exploration and creativity will be deployed to create a focused photographic essay. Various presentation methods will be explored. (L)		
ART 36A	Digital Photography	3 units
<i>36 lecture hours, 54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 31 <i>Transferable to CSU/UC</i> Introduction to digital photography: exposure control, file formats, archiving, and basic image editing/manipulation. Grades are P/NP option. (C)		

Programs and Courses

ART 36B	Intermediate Digital Photography	3 units
<i>36 lecture hours, 54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 36A <i>Transferable to CSU/UC</i> Students will delve deeper into the possibilities of Adobe Photoshop pushing the photographic image beyond straight photography into the world of photo manipulation. Techniques that will be covered include but are not limited to creative retouching, montaging and transmissive/reflective scanning and alternative digital outputs producing quality image output.		
ART 36C	Advanced Digital Photography	3 units
<i>36 lecture hours, 54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 36B <i>Transferable to CSU</i> Individual exploration of advanced digital imaging concepts within a structured environment. Projects may include advanced montaging, text layers, web authoring, and integration with other 2D/3D mediums. Self-generated projects are emphasized.		
ART 38	Field Workshop-Black and White	v1-3 units
<i>9 lecture hours, 27 lab hours (1 unit)</i> <i>18 lecture hours, 54 lab hours (2 units)</i> <i>18 lecture hours, 108 lab hours (3 units)</i> <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: ART 31. <i>Transferable to CSU</i> Intensive location field workshops covering specific topics in black and white photography especially suited for the particular season and geographic location. Students responsible for cost of meals, lodging, transportation and materials.		
ART 39	Field Workshops-Digital	v1-3 units
<i>9 lecture hours, 27 lab hours (1 unit)</i> <i>18 lecture hours, 54 lab hours (2 units)</i> <i>18 lecture hours, 108 lab hours (3 units)</i> <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: ART 31; Art 36A. <i>Transferable to CSU</i> Intensive location field workshops covering specific topics in digital photography especially suited for the particular season and geographic location. Students responsible for cost of meals, lodging, transportation and materials.		
ART 41A	Individual Problems in Painting I	3 units
<i>27 lecture hours, 81 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 9B <i>Transferable to CSU/UC</i> A third-semester painting course in which students approach individual painting problems with a focus on a series of works in consultation with instructor. Grades are P/NP option.		

ART 41B	Individual Problems in Painting: Advanced	3 units
<i>27 lecture hours, 81 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 41A and ART 9A and ART 9B <i>Transferable to CSU/UC</i> Advanced painting in which students work on self directed painting and the development of creative portfolios. Grades are P/NP option. (L)		
ART 42A	Individual Problems in Ceramics I	3 units
<i>27 lecture hours, 81 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 12B <i>Transferable to CSU/UC</i> Advanced techniques and processes for creative expression and personal style in studio ceramics media. Emphasis on effective use of ceramics equipment. Grades are P/NP option.		
ART 42B	Individual Problems in Ceramics II	3 units
<i>27 lecture hours, 81 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 42A <i>Transferable to CSU/UC</i> Advanced techniques and processes for creative expression and personal style in ceramics. Students work on self-directed projects for the development of creative portfolios. Grades are P/NP option.		
ART 43A	Individual Problems Printmaking I	3units
<i>27 lecture hours, 81 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 15B <i>Transferable to CSU</i> Individual problems exploring independent techniques, content, and solutions in printmaking. Grades are P/NP option.		
ART 43B	Individual Problems in Printmaking: Advanced	3units
<i>27 lecture hours, 81 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 43A <i>Transferable to CSU</i> Advanced exploration of a single technique in printmaking. Grades are P/NP option.		
ART 44	Individual Problems in Drawing	3 units
<i>27 lecture hours, 81 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 4B <i>Transferable to CSU/UC</i> 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 I	3 units
<i>27 lecture hours, 81 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ART 14B <i>Transferable to CSU/UC</i> Advanced techniques and processes; creative and personal expression in three dimensional forms.Student will learn to create works in series. Grades are P/NP option.		

ART 46B Individual Problems in Sculpture II 3 units

27 lecture hours, 81 lab hours
Prerequisite: Satisfactory completion of: ART 46A
Transferable to CSU/UC
Advanced techniques and processes; creative and personal expression in three dimensional form. Students will write an artist's statement, have an exhibition of work and create a final portfolio. Grades are P/NP option. (L)

ART DESIGN: Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
ART 2—Color Theory
ART 6A—Beginning Basic Design
ART 6B—Intermediate Basic Design, 3D
ART 18—Beginning Graphic Arts

CERAMICS: Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
ART 12A—Beginning Ceramics
ART 12B—Intermediate Ceramics
ART 42A—Individual Problems in Ceramics I
ART 42B—Individual Problems in Ceramics II

COMMERCIAL ART: Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 51 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 51 for details.)
ART 4A—Drawing and Composition Beginning
ART 4B—Drawing and Composition Intermediate
ART 44—Individual Problems in Drawing

PAINTING: Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
ART 8A—Watercolor Painting
ART 8B—Watercolor Painting
ART 9A—Beginning Painting
ART 9B—Intermediate Painting
ART 11—Mural Painting
ART 41A—Individual Problems in Painting I
ART 41B—Individual Problems in Painting: Advanced

PHOTOGRAPHY: Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
ART 27—Photography Materials and Processes
ART 38—Field Workshop-Black and White
ART 39—Field Workshop-Digital
ART 31—Basic Photography
ART 32A—Intermediate Black and White Photography A
ART 32B—Intermediate Black and White Photography B
ART 32C—Advanced Black and White Photography
ART 36B—Intermediate Digital Photography
ART 36C—Advanced Digital Photography

PRINTMAKING: Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
ART 15A—Beginning Printmaking
ART 15B—Intermediate Printmaking
ART 43A—Individual Problems Printmaking I
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 51 for details.)
ART 14A—Beginning Sculpture
ART 14B—Intermediate Sculpture
ART 46A—Individual Problems in Sculpture I
ART 46B—Individual Problems in Sculpture II

Athletics

ATHL 1.55R Sports Conditioning v.5-1.5 units

4.5 lecture hours, 13.5 lab hours (.5 unit)
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
Preparatory conditioning necessary for intercollegiate competition. Development of sport-specific strength, power, endurance, agility, and flexibility as well as mental training techniques. Other: Repeatable three times only. Grades are P/NP option.

ATHL 2.01R Baseball Skills 1.5 units

13.5 lecture hours, 40.5 lab hours
Transferable to CSU/UC - UC Unit Limit
Techniques of baseball and conditioning used in preparing for intercollegiate competition. Other: Repeatable three times only. Grades are P/NP option.

ATHL 2.03R Basketball Skills - Men 1.5 units

13.5 lecture hours, 40.5 lab hours
Transferable to CSU/UC - UC Unit Limit
Techniques of basketball and conditioning used in preparing for intercollegiate competition. Other: Repeatable three times only. Grades are P/NP option.

ATHL 2.04R Basketball Skills - Women 1.5 units

13.5 lecture hours, 40.5 lab hours
Transferable to CSU/UC - UC Unit Limit
Techniques of basketball and conditioning used in preparing for intercollegiate competition. Other: Repeatable three times only. Grades are P/NP option.

ATHL 2.07R Football Skills 1.5 units

13.5 lecture hours, 40.5 lab hours
Transferable to CSU/UC - UC Unit Limit
Preparatory skills necessary for intercollegiate competition in football. Development in offensive and defensive systems, including passing, kicking, blocking and conditioning. Other: Repeatable three times only. Grades are P/NP option.

ATHL 2.08R Soccer Skills 1.5 units

13.5 lecture hours, 40.5 lab hours
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. Other: Repeatable three times only. Grades are P/NP option.

ATHL 2.09R Softball Skills - Women 1.5 units

13.5 lecture hours, 40.5 lab hours
Transferable to CSU/UC - UC Unit Limit
Techniques of softball and conditioning used in preparing for intercollegiate competition. Other: Repeatable three times only. Grades are P/NP option.

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)

ATHL 2.10R	Soccer Skills - Women	1.5 units
<i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Development of various collegiate level soccer skills and strategies for women. This course will include analysis of scouting reports and film reviews; as well as the practical application of various physical training concepts. Other: Repeatable three times only. Grades are P/NP option.		
ATHL 2.11R	Track and Field Skills (Men/Women)	1.5 units
<i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Fundamental techniques and conditioning necessary for participation in intercollegiate track and field competition for men and women. Other: Repeatable three times only. Grades are P/NP option.		
ATHL 2.12R	Soccer Skills - Men	1.5 units
<i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Preparatory skills necessary for intercollegiate competition in men's soccer. Development in offensive and defensive systems, including passing, kicking, blocking and conditioning. Other: Repeatable three times only. Grades are P/NP option.		
ATHL 2.13R	Volleyball Skills	1.5 units
<i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Advanced skills and techniques necessary for competitive volleyball play including conditioning, rules of play, and advanced offensive and defensive strategies. Other: Repeatable three times only. Grades are P/NP option.		
ATHL 11R	Intercollegiate Basketball - Men	1.5 units
<i>87.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Preparation and competition for Intercollegiate Men's basketball. Collegiate techniques and strategies will be implemented. Other: Repeatable three times only.		
ATHL 12R	Intercollegiate Track and Field - Men	3 units
<i>175 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Preparation and competition for Intercollegiate Men's Track and Field. Collegiate techniques and strategies will be implemented. Other: Repeatable three times only.		
ATHL 15R	Intercollegiate Football	3 units
<i>175 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Preparation for intercollegiate 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. Other: Repeatable three times only.		

ATHL 16R	Intercollegiate Soccer - Men	3 units
<i>175 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Intercollegiate soccer competition including: shooting, heading, controlling, dribbling, passing, tackling, scoring, and goal keeping. Practice and competition required. Other: Repeatable three times only.		
ATHL 17R	Intercollegiate Baseball	3 units
<i>175 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Preparation for intercollegiate baseball competition. Collegiate baseball techniques and strategies performed. Practice and competition required. Other: Repeatable three times only.		
ATHL 31R	Intercollegiate Volleyball- Women	3 units
<i>175 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Preparation for intercollegiate volleyball competition. Collegiate level game strategies and techniques performed. Practice and competition required. Other: Repeatable three times only.		
ATHL 32R	Intercollegiate Basketball- Women	1.5 units
<i>87.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Preparation for intercollegiate women's basketball. Collegiate level techniques and strategies for competition will be performed. Other: Repeatable three times only.		
ATHL 33R	Intercollegiate Softball- Women	3 units
<i>175 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Intercollegiate softball competition, individual skills, position play, team play, and game strategy. Practice and competition required. Other: Repeatable three times only.		
ATHL 36R	Intercollegiate Track and Field - Women	3 units
<i>175 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Preparation and competition in Intercollegiate Track and Field for Women. Advanced collegiate techniques and skills will be performed in each event. Other: Repeatable three times only.		
ATHL 37R	Intercollegiate Soccer- Women	3 units
<i>175 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Intercollegiate soccer competition including: shooting, heading, controlling, dribbling, passing, tackling, scoring, and goal keeping. Practice and competition required. Other: Repeatable three times only.		

Automotive Technology

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

AUTOMOTIVE BODY REPAIR (Associate in Science)

The Auto Body Repair Program is designed to provide students with the qualifications needed to fill entry level positions in the Auto Body repair field. This certificate program also provides additional training for those already employed that want to improve their skills and abilities. This certificate is designed to be completed in one semester. The Auto Body program utilizes I-Car and A.S.E. based curriculum. It is recommended, but not required, that students take CWEE 45B Work Experience in addition to the required courses listed below.

Students who complete this program should be able to:

- 1. Demonstrate the job ready skills needed to obtain entry level employment in the Auto Body industry.*
- 2. Demonstrate personal and professional health and safety practices required for the Auto Body industry.*
- 3. Demonstrate professional work ethics and standards that are expected when working in the Auto Body industry.*
- 4. Demonstrate the ability to work independently as well as interdependently to demonstrate professionalism with customers, co-workers, managers and vendors*

Required Courses	Units
AUTO 70 Introduction to Autobody Technology.....	4
AUTO 75 I-Car Structural Steel 1	4
AUTO 76 I-Car Autobody - Non-structural 1 and 2.....	5
AUTO 77 I-Car Autobody - Refinishing 1 and 2.....	5
WELD 20 Introduction To Gas Metal Arc Welding (GMAW)	4
AUTO 52.36 Heating and Air Conditioning Systems	3
AUTO 52.40 Brake Systems	4
AUTO 52.41 Alignment and Suspension	4
Total units required for degree major	33
<i>Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.</i>	

AUTOMOTIVE TECHNOLOGY (Associate in Science)

The Automotive Technology Degree prepares students with job skills needed to enter the automotive field. Emphasis is placed on brake systems, suspension and alignment, heating and air-conditioning, manual and automatic transmissions, electrical and engine management systems, and complete automotive systems diagnosis and repair. It prepares students for all nine Automotive Service Excellence (ASE)A-1-A8 certifications including Advanced Engine Performance (L-1).

Students who complete this program should be able to:

- 1. Demonstrate basic technical skills used by all automotive service and repair technicians, in the areas of brake systems, suspension and steering, and havc. To include tool selection use and maintenance, practical measuring skills, nomenclature, systems function, systems service, minor repair procedures, and major repair complexities.*
- 2. Demonstrate a knowledge of principles of automotive drivetrains which consist of both standard and automatic transmission/transaxles and engine theory of operation, pre-tear down diagnosis, disassembly techniques, cleaning methods, measurement tools, component identification, lubrication systems, and ability to apply diagnostic, service, and repair procedures to industry standards and speciations.*
- 3. Demonstrate knowledge of current automotive electrical systems, and advanced fuel systems with emphasis on diagnosis, service and repair, proper safety awareness in hybrid service, knowledge of hybrid electrical motors and generator controls, diagnosis of vehicle computer systems using a scan tool.*

Required Courses	Units
AUTO 51.20 Automotive Technical Skills	3
AUTO 21 Introduction to Automobiles	3
AUTO 52.30 Manual Drive Trains/Gas and Diesel Vehicles	3
AUTO 52.36 Heating and Air Conditioning Systems	3
AUTO 52.40 Brake Systems	4
AUTO 52.41 Alignment and Suspension	4
AUTO 52.44 Electrical Systems	6
AUTO 52.45 Engine Diagnosis and Rebuilding.....	4
AUTO 52.81 Hybrid and Alternative Fuel Vehicles	2
AUTO 53.31 Automatic Transmission/Gas and Diesel Vehicles.....	4
AUTO 53.33 Fuel Systems	4
Plus 1 unit from the following:	
AUTO 52.61A Engine Repair Experience.....	1
AUTO 52.61B Engine Machining and Reconditioning Experience.....	1
AUTO 52.62A Automatic Transmission and Transaxle Experience.....	1
AUTO 52.62B Manual Drivetrain and Axles Experience	1
Total units required for degree major	41
<i>Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.</i>	

TUNE-UP AND DRIVEABILITY
(Associate in Science)

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

Required Courses	Units
AUTO 20 Automotive Technical Skills	3
AUTO 33 Fuel Systems	4
AUTO 36 Air Conditioning and Heating Systems	3
AUTO 44 Electrical Systems	6
AUTO 55 Advanced Tune-Up	5
AUTO 61D Engine Performance Experience	1
AUTO 95 State Emission Control License.....	6.5
Total units required for degree major	28.5

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

AUTOMOTIVE BODY REPAIR
(Certificate of Achievement)

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

Required Courses	Units
AUTO 70 Introduction to Autobody Technology.....	4
AUTO 75 I-Car Structural Steel 1	4
AUTO 76 I-Car Autobody-Non-Structural Steel 1 and 2	5
AUTO 77 I-Car Autobody-Refinishing 1 and 2.....	5
Total units required	18

AUTOMOTIVE DRIVE TRAINS
(Certificate of Achievement)

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

Required Courses	Units
AUTO 20 Automotive Technical Skills	3
AUTO 22 Hydraulics (Fluid Power)	3
AUTO 30 Manual Drive Trains-Gas and Diesel Vehicles	3
AUTO 31 Automatic Transmissions Gas and Diesel Vehicles. 4	
AUTO 62A Auto Transmission/Transaxle Exp	2
AUTO 62B Manual Drivetrain and Axles Exp	2
Plus 1 additional unit of AUTO classes.....	1
Total units required	18

AUTOMOTIVE EMISSION TECHNICIAN
(Certificate of Achievement)

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

Required Courses	Units
AUTO 50B Advanced Engine Performance and Diagnosis .2	
AUTO 52.44 Electrical Systems	6
AUTO 53.33 Fuel Systems.....	4
AUTO 53.55 Advanced Tune-Up	5
AUTO 95 State Emission Control License.....	7
Total units required	24

AUTOMOTIVE SERVICE TECHNICIAN
(Certificate of Achievement)

- Students who complete this program should be able to:
1. Demonstrate basic technical skills used by all automotive service and repair technicians in the area of brake systems. To include tool selection, use and maintenance, practical measuring skills, nomenclature, system function, systems service, minor repair procedures, and major repair complexities.
 2. Demonstrate basic technical skills used by all automotive service and repair technicians in the area of suspension and steering. To include tool selection, use and maintenance, practical measuring skills, nomenclature, systems function, systems service, minor repair procedures, and major repair complexities.
 3. Demonstrate basic technical skills used by all automotive service and repair technicians in the area of heating, ventilation and air-conditioning. To include tool selection, use and maintenance, practical measuring skills, nomenclature, systems function, systems service, minor repair procedures, and major repair complexities.

Required Courses	Units
AUTO 51.20 Automotive Technical Skills	3
AUTO 21 Introduction to Automobiles	3
AUTO 52.36 Air Conditioning and Heating Systems	3
AUTO 52.40 Brake Systems	4
AUTO 52.41 Alignment and Suspension	4
AUTO 52.81 Hybrid and Alternative Fuel Vehicles	2
Plus 1 unit from the following:	
AUTO 52.61A Engine Repair Experience.....	1
AUTO 52.62C Alignment and Suspension Experience	1
AUTO 52.62D Brakes Experience.....	1
AUTO 52.62E Heating and Air Conditioning Experience.....	1
Total units required	20

AUTOMOTIVE TECHNOLOGY
(Certificate of Achievement)

- Students who complete this program should be able to:
1. Demonstrate basic technical skills used by all automotive service and repair technicians, in the areas of brake systems, suspension and steering, and hvac. To include tool selection, use and maintenance, practical measuring skills, nomenclature, systems function, systems service, minor repair procedures, and major repair complexities.
 2. Demonstrate a knowledge of principles of automotive drivetrains which consist of both standard and automatic transmissions/transaxles and engine theory of operation, pre-tear down diagnosis, disassembly techniques, cleaning methods, measurement tools, component identification, lubrication systems, and ability to apply diagnostic, service and repair procedures to industry standards and specifications.
 3. Demonstrate knowledge of current automotive electrical systems, and advanced fuel systems with emphasis on diagnosis, service and repair, proper safety awareness in hybrid service, knowledge of hybrid electrical motors and generator controls, diagnosis of vehicle computer systems using a scan tool.

Required Courses	Units
AUTO 51.20 Automotive Technical Skills	3
AUTO 21 Introduction to Automobiles	3
AUTO 52.30 Manual Drive Trains/Gas and Diesel Vehicles3	
AUTO 52.36 Air Conditioning and Heating Systems	3
AUTO 52.40 Brake Systems	4
AUTO 52.41 Alignment and Suspension	4
AUTO 52.44 Electrical Systems	6
AUTO 52.45 Engine Diagnosis and Rebuilding.....	4
AUTO 52.81 Hybrid and Alternative Fuel Vehicles	2
AUTO 53.31 Automatic Transmission/Gas and Diesel Vehicles	4
AUTO 53.33 Fuel Systems.....	4
Plus 1 unit from the following:	
AUTO 52.61A Engine Repair Experience.....	1
AUTO 52.61B Engine Machining and Reconditioning Experience.....	1
AUTO 52.62A Automatic Transmission and Transaxle Experience.....	1
AUTO 52.62B Manual Drivetrain and Axles Experience	1
Total units required	41

TRANSPORTATION ENGINE REPAIR AND
MACHINING
(Certificate of Achievement)

- Students who complete this program should be able to:
1. Demonstrate basic technical skills used to engine machinist, in the areas of tool selection, use and maintenance, practical measuring skills, nomenclature, systems function, systems service, minor repair procedures, and major repair complexities.
 2. Demonstrate the skills to prepare and take the Automotive Service Excellence (ASE) A1 exam through performing diagnostic analysis and repair on cylinder heads and engine blocks.
 3. Demonstrate the skills to prepare and take the Automotive Engine Rebuilders Association (AERA) exam in the areas of cylinder head machining and engine block machining by performing machining tasks on cylinder heads and engine blocks.

Required Courses	Units
AUTO 51.20 Automotive Technical Skills	3
AUTO 21 Introduction to Automobiles	3
AUTO 52.45 Engine Diagnosis and Rebuilding.....	4
AUTO 52.46 Engine Machining and Reconditioning	3
AUTO 52.61A Engine Repair Experience.....	1
AUTO 52.61B Engine Machining and Reconditioning Experience.....	1
AUTO 53.33 Fuel Systems.....	4
Total units required	19

TUNE-UP AND DRIVEABILITY
(Certificate of Achievement)

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

Required Courses	Units
AUTO 20 Automotive Technical Skills	3
AUTO 33 Fuel Systems.....	4
AUTO 36 Air Conditioning and Heating Systems	3
AUTO 44 Electrical Systems	6
AUTO 55 Advanced Tune-Up	5
AUTO 61D Engine Performance Experience	1
AUTO 95 State Emission Control License.....	6.5
Total units required	28.5

AUTO 21 Introduction to Automobiles 3 units
36 lecture hours, 54 lab hours
Transferable to CSU

This course covers a comprehensive study of automobiles. Emphasis is placed on fundamental operating principles, nomenclature, structural analysis, major design theories, systems function, systems service, minor repair procedures, major repair complexities, current laws and regulations, political action, and personal economics/decision making. Grades are P/NP option.

Programs and Courses

AUTO 22	Hydraulics (Fluid Power)	3 units
<i>36 lecture hours, 54 lab hours</i> <i>Transferable to CSU</i> This course covers a comprehensive study of hydraulics (fluid power). Emphasis is placed on basic principles of hydraulics, pumps, fluids, linear and rotary actuators, reading automotive hydraulic schematics, robotics, and agricultural industry. Students are strongly encouraged to have an understanding of pre-algebra, college-level reading, and computer literacy skills.Grades are P/NP option.		
AUTO 50B	Advanced Engine Performance and Diagnosis	2 units
<i>27 lecture hours, 27 lab hours</i> This course covers a comprehensive study of advanced engine performance diagnosis. Emphasis is placed on automotive and diesel diagnostic methods and repair, fuels, electrical, and emissions control. Labs include diagnostic skills in drivability, onboard 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 (BAR) L1 certification is offered upon successful completion of final test. Students are strongly encouraged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP option.		
AUTO 51.20	Automotive Technical Skills	3 units
<i>36 lecture hours, 54 lab hours</i> This course covers basic automotive technical skills used by all automotive service and repair technicians. Emphasis is placed on tool selection, use and maintenance of tools, practical measuring skills, bolt and nut thread repair techniques, electrical circuit meter usage and problem solving techniques. Grades are P/NP option.		
AUTO 52.30	Manual Drivetrains/Gas and Diesel Vehicles	3 units
<i>36 lecture hours, 54 lab hours</i> This course covers a comprehensive study of automotive manual drivetrains. Emphasis is placed on standard transmissions and transaxles, clutches, drive shafts, drive axle assemblies, transfer cases, gears, bearings, lubrication theory, normal maintenance adjustments and service operations, problem diagnosis and overhaul procedures for gasoline and diesel vehicles. Students are strongly encouraged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP option.		
AUTO 52.36	Heating and Air Conditioning Systems	3 units
<i>36 lecture hours, 54 lab hours</i> This course covers a comprehensive study of automotive heating, air conditioning and ventilation systems. Emphasis is placed on heating, cooling, and air conditioning systems, engine cooling system, adjustment procedures, problem diagnosis, system operation with normal service, repair procedures, and introduction to automatic temperature systems. Students are strongly encouraged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP option.		

AUTO 52.40	Brake Systems	4 units
<i>54 lecture hours, 54 lab hours</i> This course covers a comprehensive study of automotive braking systems. Emphasis is placed on brake theory, hydraulic operation, hydraulic control valves, power brake units, electronic control systems and anti-lock brake systems (ABS), industry standards and practices for the inspection, diagnosis, service, and repair of automotive and light truck braking systems. Students are strongly encouraged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP option.		
AUTO 52.41	Alignment and Suspension	4 units
<i>54 lecture hours, 54 lab hours</i> This course covers a comprehensive study of automotive alignment and suspension systems. Emphasis is placed on suspension and steering operating theory, 4-wheel alignment, front and rear-wheel alignment, tire repair and balancing, replacement of suspension and steering components, and rebuilding of steering gears and pumps. Students are strongly encouraged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP option.		
AUTO 52.44	Electrical Systems	6 units
<i>74 lecture hours, 108 lab hours</i> <i>Other:</i> Concurrent enrollment in Auto 53.33 is recommended. It is also recommended that a student enroll in both Auto 53.33 and Auto 53.44 for ASE/BAR Automotive A6 and A8 Engine Performance certification. Students will need this certification for enrollment in Auto 53.55 (Advanced Tune-up course) and Auto 95 (CA Smog Licensing course) the following semester. This course covers a comprehensive study of current automotive electrical systems. Emphasis is placed on theory, diagnosis, service and wire repair techniques, fundamentals of circuit construction, ignition systems, charging and starting systems, domestic and import computer management systems, wiring diagrams, multi-meters and scanners. Students are strongly encouraged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP option.		
AUTO 52.45	Engine Diagnosis and Rebuilding	4 units
<i>36 lecture hours, 108 lab hours</i> This course covers a comprehensive study of automotive engine diagnosis and rebuilding. Emphasis is placed on theory of operation, pre-teardown diagnosis, disassembly techniques, engine cleaning methods, measurement tools, component identification, lubrication systems, assembly break-in procedures, and introducing alternative fuel and hybrid engine drivetrains. Students are strongly encouraged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP option.		

Programs and Courses

AUTO 52.46	Engine Machining and Reconditioning	3 units
<i>36 lecture hours, 54 lab hours</i> <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: AUTO 52.45 This course covers an advanced comprehensive study of automotive engine machining and reconditioning techniques. Emphasis is placed on high performance production machining, machining of engine blocks, cylinder heads, valves and valve seats, connecting rods, cleaning and reassembling techniques, proper disassemble, and precision measurements. This course is intended for students who desire further study and skills working with automotive engine machining and assembly methods. Students are strongly encouraged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP option.		
AUTO 52.61A	Engine Repair Experience	1 unit
<i>54 lab hours</i> <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: AUTO 52.45 This course covers individualized advanced techniques with a strong emphasis on specialized training in automotive engine repair. Emphasis is placed on engine failure diagnosis, tear-down, machining and assembly. This course is intended primarily for students with prior practical experience in automotive engine repair. Students are strongly encouraged to have problem solving and computer literacy skills. Grades are P/NP option.		
AUTO 52.61B	Engine Machining and Reconditioning Experience	1 unit
<i>54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: AUTO 52.46 This course covers individualized advanced techniques with a strong emphasis on specialized training in automotive engine machining and reconditioning. Emphasis is placed on engine tear-down, in-depth engine machining procedures, assembly component fit and high performance engine considerations. This course is intended primarily for students with prior practical experience in automotive engine machining and reconditioning. Students are strongly encouraged to have problem solving and computer literacy skills. Grades are P/ NP option.		
AUTO 52.61C	Electrical Systems Experience	1 unit
<i>54 lab hours</i> <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: AUTO 52.44 This course covers individualized advanced techniques with a strong emphasis on specialized training in automotive electrical systems. Emphasis is placed on extensive multimeter usage, scan tools, battery and starting test equipment to make diagnostic decisions, and refine skills in reading wiring diagrams. Intended primarily for students with prior practical experience in automotive electrical systems. Students are strongly encouraged to have problem solving and computer literacy skills. Grades are P/NP option.		

AUTO 52.61D	Engine Performance Experience	1 unit
<i>54 lab hours</i> <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: AUTO 52.44 This course covers individualized advanced techniques with a strong emphasis on specialized training in automotive engine performance. Emphasis is placed on scan tools, lab scopes, wiring diagrams, online resources, off-the-car diagnosis, and efficient use of electronic service manuals. Intended primarily for students with prior practical experience in automotive engine performance. Students are strongly encouraged to have problem solving and computer literacy skills. Grades are P/NP option.		
AUTO 52.62A	Automatic Transmission and Transaxle Experience	1 unit
<i>54 lab hours</i> <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: AUTO 53.31 This course covers individualized advanced techniques with a strong emphasis on specialized training in automotive automatic transmissions and transaxles. Emphasis is placed on diagnosis of mechanical and electrical systems, techniques for pre-assembly, disassembling, and on the road dyno testing of completed transmissions. Students are strongly encouraged to have problem solving and computer literacy skills. Grades are P/NP option.		
AUTO 52.62B	Manual Drivetrain and Axles Experience	1 unit
<i>54 lab hours</i> <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: AUTO 52.30 This course covers individualized advanced techniques with a strong emphasis on specialized training in automotive manual drivetrains and axles. Emphasis is placed on removal and installation considerations, diagnosis of transmissions, clutches, transfer cases, differentials, and electrical systems used in manual drivetrain and axle systems. Students are strongly encouraged to have problem solving, computer literacy skills, and basic electrical skills.		
AUTO 52.62C	Alignment and Suspension Experience	1 unit
<i>54 lab hours</i> <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: AUTO 52.41 This course covers individualized advanced techniques with a strong emphasis on specialized training in automotive alignment and suspension. Emphasis is placed on 4-wheel alignment, tire repair, balancing, replacement of suspension and steering components, electrical diagnosis as it relates to tire pressure monitoring system, and ride control. Students are strongly encouraged to have problem solving skills and computer literacy skills.		

Programs and Courses

AUTO 52.62D Brakes Experience 1 unit

54 lab hours
Corequisite: Concurrent enrollment or satisfactory completion of: AUTO 52.40
This course covers individualized advanced techniques with a strong emphasis on specialized training in automotive brake systems. Emphasis is placed on diagnosing and repairing disc and drum brake systems, wheel and hub bearings, electrical diagnosis as it relates to anti-lock brake systems (ABS) and traction control. Students are strongly encouraged to have problem solving skills and computer literacy skills.

AUTO 52.62E Heating and Air Conditioning Experience 1 unit

54 lab hours
Corequisite: Concurrent enrollment or satisfactory completion of: AUTO 52.36
This course covers individualized advanced techniques with a strong emphasis on specialized training in automotive heating and air conditioning. Emphasis is placed on recovering and recharging of air conditioning system, heating system, semi/auto air controls, engine cooling system, and electrical diagnosis. Students are strongly encouraged to have problem solving skills and computer literacy skills. Grades are P/NP option.

AUTO 52.81 Hybrid and Alternative Fuels Vehicles 2 units

27 lecture hours, 27 lab hours
This course covers a comprehensive study of hybrid and alternative fuel vehicles. Emphasis is placed on safety when using high voltage, maintenance, drivability, inverter power transfer, battery technologies, hydrogen electric power, and fuel cell technology. Labs include performing scheduled hybrid maintenance services. Introduction to hybrid vehicle diagnosis and repair. Development of entry-level skills needed to work on hybrid vehicles. Students are strongly encouraged to have college level reading, basic mathematics, and computer literacy skills. Grades are P/NP option.

AUTO 53.31 Automatic Transmission/Gas and Diesel Vehicles 4 units

54 lecture hours, 54 lab hours
This course covers a comprehensive study of automatic transmissions and transaxles. Emphasis is placed on operating principles, planetary gear sets, hydraulic operations, electronic controls, torque converters, normal maintenance adjustments and service operations, problem diagnosis, and overhaul procedures for automotive and truck applications. Students are strongly encouraged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP option.

AUTO 53.33 Fuel Systems 4 units

36 lecture hours, 108 lab hours
Conditions of Enrollment: Concurrent enrollment in Auto 53.44 is recommended. It is also recommended that a student enroll in both Auto 53.33 and Auto 53.44 for ASE/BAR Automotive A6 and A8 Engine Performance certification. Students will need this certification for enrollment in Auto 53.55 (Advanced Tune-up course) and Auto 95 (CA Smog Licensing course) the following semester.

This course covers a comprehensive study of conventional and advanced automotive fuel systems. Emphasis is placed on electronic fuel injection, computerized fuel management systems, 5-gas analyzers and combustion theory. Students are strongly encouraged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP option.

AUTO 53.55 Advanced Tune-Up 5 units

36 lecture hours, 162 lab hours
Prerequisite: Satisfactory completion of: AUTO 53.33; AUTO 52.44

This course covers a comprehensive study of advanced automotive tune-up. Emphasis is placed on problems pertaining to fuel delivery, ignition, emission, computers and electronic engine controls, wiring systems, and mechanical engine diagnostics. Latest diagnostic strategies and extensive troubleshooting, use of diagnostic test equipment, lab oscilloscopes, scan-tools, and emission analyzers. Students are strongly encouraged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP option.

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 include hazardous material regulations including handling, storage, and disposal of hazard wastes, SDS code information, personal protective equipment, repair facility safety, basic electrical circuitry, electric hybrid vehicles, vehicle design and collision energy management, tool identification usage, and maintenance. Grades are P/ NP option.

AUTO 75 I-Car Structural Steel 1 4 units

54 lecture hours, 54 lab hours
This course will covers the principal and theory of automotive collision repair including component alignment, component replacement, structural panel repair or replacement, and chassis/frame alignment. Sectioning and full-panel replacement techniques and procedures are covered. Practical applications are emphasized. Students enrolled in the Auto Body Technology program at Yuba College (YC) may be eligible to apply for Inter-Conference on Automotive Repair (I-CAR) points. This YC/I-CAR alliance course also prepares students for Automotive Service Excellence (ASE) testing and National Automotive Technicians Education Foundation (NATEF) training standards. Grades are P/NP option. (L)

AUTO 76 I-Car Autobody - Non-Structural 1 and 2 5 units

72 lecture hours, 54 lab hours
This course provides the technical information and hands on experience needed to perform cosmetic straightening of steel, aluminum and plastic repair. Topics include: removal and replacement of bolted on panels; removal, replacement and repair of bumper facias; removal and replacement of headlight and tail lamp assemblies; removal, replacement and adjustment of movable glass. Introduction to steel GMAW-MIG welding, aluminum GTAW-TIG welding, STRSW- squeeze-type resistance spot welding, MIG Brazing, nitrogen plastic welding, plasma arc cutting and adhesively bonded panel replacement. Body working hand tools, abrasives and fillers will be covered. Grades are P/NP option. (L)

AUTO 77 I-Car Autobody - Refinishing 1 and 2 5 units

72 lecture hours, 54 lab hours
This course includes the principles of paint finish application, tinting/blending, color adjustments, color mismatch problems, finish inspection, removal of finish defects, interior and exterior detailing, refinish equipment, surface prep, and masking. Other topics include paint application techniques, corrosion protection, new paint technologies, color identification, and vehicle color codes. This course will also provide the information needed to start a home based detailing business. The course also addresses compliance with OSHA and EPA rules. Students enrolled may be eligible to apply for Inter-Industry Conference on Automotive Collision repair (I-CAR) points. This YCCD/I-CAR alliance course also prepares student for ASE testing. Grades are P/NP option. (L)

AUTO 95 State Emission Control License 7 units

117 lecture hours, 30 lab hours
The course prepares students for a Smog Check Inspection/ Repair license. Intended for students that possess ASE/BAR certifications in the following areas: A6-Automotive Electrical; A8-Automotive Engine Performance; L1-Advanced Engine Performance and/or students that are currently enrolled in electrical, automotive fuel systems and advanced engine performance/diagnostic courses. This is an intensive review of automotive electrical/electronic, engine mechanical, emission controls, and computer control systems as they relate to automotive emissions controls. This course satisfies the ASE/ BAR certification requirement when applying for Smog Check technician licenses and may be used by the applicant in lieu of the ASE certifications. Grades are P/NP option.

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)

Students who complete this program should be able to:
1. Demonstrate an understanding of the fundamental principles of Biology as it relates to their degree path. These fundamental principles include: : cell theory, gene theory and homeostasis. Varied courses can assess these principles at any level of biological hierarchy from molecular structure through organismal structure to complete ecosystems.
2. Demonstrate an understanding of topics revolving around the interactions that organisms have with each other, other organisms and their abiotic surroundings including the flow and use of energy within their environment. Students should show knowledge of larger scale biological topics including diversity, population dynamics, and competition within ecosystems.
3. Apply the scientific method to original or pre-designed biological experiments. Students should be able to create or assess a hypothesis, conduct experiments, correctly interpret results, and effectively communicate findings while relating each step of the scientific method.
4. Show proficiency using biological laboratory techniques practiced within a given course curriculum. Students should show knowledge in applied techniques such as, but not limited to, microscopy, dissection, sterile technique, sample identification and chemical assays. Students will use varied instrumentation to obtain experimental results.

Required Courses	Units
BIOL 1 Principles of Biology	5
BIOL 2 General Zoology	4
BIOL 3 General Botany	4
CHEM 1A General Chemistry I	5
CHEM 1B General Chemistry II.....	5
PHYS 2A General Physics	3
PHYS 3A General Physics Lab	1
PHYS 2B General Physics	3
PHYS 3B General Physics Lab	1
OR	
PHYS 4A Mechanics	4
PHYS 4B Electromagnetism.....	4

AND one of the following depending on where the student will transfer:
MATH 1A First Year Calculus 5 || MATH 9 Calculus for Business, Social and Life Science..... | 4 |
STAT 1 Introduction to Statistical Methods	4
Total units required for degree major	35-36
Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.	

Also recommended, but not required:
CHEM 18A Organic Chemistry I 4 || CHEM 18B Organic Chemistry II..... | 4 |

Programs and Courses

The Biology-Allied Health degree is designed to provide a broad base of knowledge and skills to support students' development into competent health care professionals. The degree requirements parallel many of the prerequisites required in allied health programs. A common core of courses provide a foundation in human anatomy, human physiology, and general psychology. The options provide an opportunity to focus on a specific allied health career field. Students earning this degree will be well prepared to satisfy the prerequisite course requirements for admission into a variety of California Community College, California State University, and private college and university undergraduate Allied Health programs such as Nursing (LVN, ADN, BSN), Respiratory Care, Radiologic Technology, Physical Therapy Assistant, Occupational Therapy Assistant, and Dental Hygiene as well as graduate Allied Health programs in Physical Therapy and Occupational Therapy. This degree also provides foundational knowledge of human biology, psychology, and communication for other professions in hospitals, health clinics, and medical offices.

BIOLOGY-ALLIED HEALTH (Associate in Science)

- Students who complete this program should be able to:
- 1. Analyze data/information in addressing and evaluating scientific problems and issues while making decisions.
 - 2. Use the scientific method to correctly interpret experimental data and effectively communicate the findings and implications of that data in writing.
 - 3. Demonstrate proficient laboratory techniques within a given Allied Health field.

Required Courses	Units
BIOL 4 Human Anatomy	4
BIOL 5 Human Physiology	4
PSYCH1A General Psychology.....	3
Choose One Option From Below:	
OPTION 1: PRE-NURSING (PRE-ADN and PRE-BSN)	
BIOL 6 Introductory Microbiology	4
HLTH 10 Principles of Nutrition	3
CHEM 2A Introductory Chemistry OR	5
CHEM 1A General Chemistry	5
ANTHR 2 Cultural Anthropology OR	3
SOCIL 1 Introduction to Sociology OR	3
SOCIL 2 Social Problems OR.....	3
SOCIL 5 Sociology of Race and Ethnicity.....	3
SPECH 1 Public Speaking OR.....	3
SPECH 3 Argumentation and Critical Thinking OR	3
SPECH 6 Small Group Communication OR	3
SPECH 7 Interpersonal Communication.....	3
*PRE-ADN STUDENTS MUST ALSO COMPLETE THE FOLLOWING:	
NURS 26 Pharmacology	3
NURS 36 Pathophysiology: Understanding Disease.....	4
*PRE-BSN STUDENTS MUST ALSO COMPLETE THE FOLLOWING:	
STAT 1 Introduction to Statistical Methods	4
PSYCH 41 Lifespan Development OR	3
ECE 3 Child Growth and Development.....	3

OPTION 2: PRE-RESPIRATORY CARE	
BIOL 6 Introductory Microbiology	4
CHEM 2A Introductory Chemistry	5
SPECH 1 Public Speaking OR.....	3
SPECH 7 Interpersonal Communication.....	3
NURS 51 Medical Terminology OR	3
PSYCH 41 Lifespan Development OR	3
SOCIL 1 Introduction to Sociology.....	3
OPTION 3: PRE-RADIOLOGIC TECHNOLOGY	
CHEM 2A Introductory Chemistry OR	5
CHEM 1A General Chemistry	5
NURS 51 Medical Terminology.....	3
OPTION 4: PRE-DENTAL HYGIENE	
BIOL 6 Introductory Microbiology	4
CHEM 2A Introductory Chemistry OR	5
CHEM 1A General Chemistry	5
CHEM 2B Introductory Chemistry II OR	4
CHEM 1B General Chemistry	5
SPECH 1 Public Speaking OR.....	3
SPECH 6 Small Group Communication OR	3
SPECH 7 Interpersonal Communication.....	3
HLTH 10 Principles of Nutrition	3
SOCIL 1 Introduction to Sociology	3
OPTION 5: PRE-OCCUPATIONAL THERAPY ASSISTANT	
NURS 51 Medical Terminology.....	3
HLTH 10 Principles of Nutrition	3
PSYCH 41 Lifespan Development	3
SOCIL 1 Introduction to Sociology Or	3
ANTHR 2 Cultural Anthropology	3
OPTION 6: PRE-PHYSICAL THERAPY	
CHEM 2A Introductory Chemistry OR	5
CHEM 1A General Chemistry	5
CHEM 2B Introductory Chemistry II OR.....	4
CHEM 1B General Chemistry	5
PHYS 2A General Physics	3
PHYS 3A General Physics Laboratory	1
PHYS 2B General Physics	3
PHYS 3B General Physics Laboratory	1
STAT 1 Introduction To Statistical Methods	4
OPTION 7: PRE-OCCUPATIONAL THERAPY	
STAT 1 Introduction To Statistical Methods	4
SOCIL 1 Introduction to Sociology OR	3
ANTHR 2 Cultural Anthropology	3
PSYCH 41 Lifespan Development	3
ART 4A Drawing and Composition Beginning OR.....	3
ART 9A Beginning Painting OR	3
ART 12A Beginning Ceramics OR	3
ART 14A Sculpture	3
Total units required for degree major.....	19-36
Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.	

Programs and Courses

The Associate of Science Degree in Biology for Transfer is designed to prepare students for an automatic transfer to California State University institutions with Biology degrees. The Biology program at Yuba College offers a range of courses that fulfill general education and transfer requirements and prepares students for further study in Biology leading to BA, BS, MA, MS and/or Ph.D. degrees.

BIOLOGY (Associate in Science for Transfer)

- Students who complete this program should be able to:
- 1. Analyze data/information in addressing and evaluating problems and issues in making decisions.
 - 2. Understand the purpose of scientific inquiry and the implications and applications of basic scientific principles.
 - 3. Using the Scientific Method, students will be able to correctly interpret experimental data and effectively communicate the findings and implications of that data in writing.

Required Courses	Units
BIOL 1 Principles of Biology and	5
BIOL 2 General Zoology and	4
BIOL 3 General Botany.....	4
CHEM 1A Introductory Chemistry and.....	5
CHEM 1B Introductory Chemistry	5
MATH 1A Single Variable Calculus 1-Early Transcendentals	4
PHYS 2A General Physics and	3
PHYS 3A General Physics Lab and	1
PHYS 2B General Physics and.....	3
PHYS 3B General Physics Lab.....	1
OR	
PHYS 4A Mechanics and.....	4
PHYS 4B Electromagnetism	4
Total units required for degree major	35
Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B for STEM or IGETC for STEM (CSU version), all courses in the major with "C" or better grades, and achieve a minimum transferable cumulative GPA of 2.0.	

BIOL 1	Principles of Biology	5 units
54 lecture hours, 108 lab hours		
Prerequisite: Satisfactory score on mathematics placement exam or MATH 52 or MATH 52B; CHEM 1A		
Other: Background in high school biology is recommended.		
Transferable to CSU/UC		
C-ID BIOL 190; BIOL 135 S		
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, cell reproduction, enzymes, fermentation, respiration, photosynthesis, molecular genetics, heredity, and evolution. (L,C)		

BIOL 2	General Zoology	4 units
36 lecture hours, 108 lab hours		
Prerequisite: Satisfactory completion of: BIOL 1; MATH 52 or MATH 52B or satisfactory score on mathematics placement exam.		
Transferable to CSU/UC		
C-ID BIOL 150; BIOL 135 S		
Applies the concepts introduced in Biology 1 to the study of animals and evolution. Course includes a survey of animal phyla and non-photosynthetic, single-celled, eukaryotic taxa. Specific animal topics include: patterns of diversity and classification, morphology and physiology, life cycles and development, the significance of sexual reproduction, and animal behavior. Evolution topics include speciation, phylogeny, macro- and microevolution, adaptation to environmental and social challenges, and natural selection. Other topics include genetic drift, gene flow, mutation, nonrandom mating, and basic population genetics. Designed for biology majors and related fields, but open to all qualified students. Grades are P/NP option. (L)		
BIOL 3	General Botany	4 units
36 lecture hours, 108 lab hours		
Prerequisite: Satisfactory completion of: BIOL 1; MATH 52 or MATH 52B		
Transferable to CSU/UC		
C-ID BIOL 155; BIOL 135 S		
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
36 lecture hours, 108 lab hours		
Prerequisite: Satisfactory completion of: BIOL 1 or BIOL 15		
Transferable to CSU/UC		
C-ID BIOL 110B		
An introduction to the gross, microscopic and organizational structure of the human body. Emphasizes the interrelationship between structure and function of cells, tissues, organs, and systems. The course is primarily intended for nursing, allied health, kinesiology, and other health related majors. (L,C)		
BIOL 5	Human Physiology	4 units
36 lecture hours, 108 lab hours		
Prerequisite: Satisfactory completion of: BIOL 1 or BIOL 15		
Transferable to CSU/UC		
C-ID BIOL 120B		
An introduction to the physiological principles, function, integration and homeostasis of the human body at the cellular, tissue, organ, organ system and organismic levels. Includes physiological topics within the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems. (L,M,C)		

BIOL 6 <i>36 lecture hours, 108 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: BIOL 1 or BIOL 15 <i>Transferable to CSU/UC</i> 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)	Introductory Microbiology	4 units
BIOL 10 <i>54 lecture hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> 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. Grades are P/NP option. (L)	General Biology	3 units
BIOL 10L <i>54 lecture hours, 54 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> 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 10. (L)	General Biology	4 units
BIOL 11 <i>54 lab hours</i> <i>Corequisite:</i> Concurrent enrollment or satisfactory completion in: BIOL 10 <i>Transferable to CSU/UC - UC Unit Limit</i> Hands-on laboratory study of biology for non-science majors. Exploration of origin, characteristics, regulation, energy utilization, respiration, and interrelationships of living organisms. Not open for credit to students with credit in BIOL 10L. Grades are letter or P/NP option. (L)	General Biology Laboratory	1 unit
BIOL 15 <i>54 lecture hours, 54 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Introduction to the unifying principles of biology including the chemistry of life, cell structure and function, energy, genetics, evolution, and organismal structure. Grades are P/NP option. (L,C)	Bioscience	4 units
BIOL 24 <i>54 lecture hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> 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)	Human Biology	3 units
BIOL 24L <i>54 lecture hours, 54 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> An introduction to the general biology of human beings. Emphasis is placed on the concepts, mechanism and terminology used in anatomy, physiology and ecology. Topics include cell structure and function, human evolution, anatomy and physiology of the organ systems, genetics, and the human impact on the environment. The lab portion of the course will provide an introduction to general biology laboratory with an emphasis on humans. Topics include microscopy, cell structure and function, human anatomy and physiology and genetics. Grades are P/NP option.	Human Biology with Laboratory	4 units
BIOL 25 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> Designed for non-science majors to provide an understanding of basic principles of genetics, current developments in genetics, and the influence of genes and the environment in determining human characteristics. Grades are P/NP option. (L)	Human Genetics	3 units
BIOL 34 <i>18 lecture hours</i> <i>Transferable to CSU</i> Active Anatomy is designed to engage students in the process of learning human anatomy. Students will work corroboratively to learn, review and discover the anatomy of the human body. Students will participate in activities and games to build anatomy knowledge and understanding. (L)	Active Anatomy	1 unit
BIOL 35 <i>18 lecture hours</i> <i>Transferable to CSU</i> A companion course to BIOL 5, Human Physiology; appropriate for those wishing additional review in Physiology. Lectures, discussions, and case histories used to explore difficult concepts such as osmolality, nervous system function, acid-base balance, hormonal control, immunity. Time will be allowed for consideration of topics chosen by students. (L)	Problem Solving in Physiology	1 unit

Business

Accounting

ACCOUNTING (Associate in Science)

Students who complete this program should be able to:

1. Create accurate, professional, and appropriate accounting documents and reports for the business entity served.
2. Compute financial data using accounting concepts and methods to understand, analyze, and communicate issues in quantitative terms.
3. Analyze accounting data/information in addressing and evaluating problems and issues in making informed business decisions.
4. Demonstrate effective use of technology applicable to the accounting field.

Required Courses	Units
ACCT 1L Principles of Accounting - Financial	4.5
ACCT 2L Principles of Accounting - Managerial	5
ACCT 3 Computerized Accounting	3
BCA 15 Business Computer Applications - Beginning	3
BCA 17 Business Computer Applications - Advanced	3
BCA 34 Advanced Excel	1
BCA 41B Windows XP	1
GNBUS 10 Introduction to Global Business	3
GNBUS 18A Business Law	3
GNBUS 56 Business Mathematics	3
OA 22 Machine Calculation	1.5
Total units required for degree major	31

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

Additional Recommended Courses:

ACCT 6 Individual Income Taxes-Federal/State	4
ACCT 9 Business Payroll Procedures	3.5
ACCT 10A General Accounting	4
CWEE 45 Occ. Work Experience OR	1-8
INTRN 46 Internship	1-8
ECON 1A Elementary Economics - Macro	3
OA 15A Elementary Typewriting	3
SPECH 6 Group Communication	3

ACCOUNTING (Certificate of Achievement)

Students who complete this program should be able to:

1. Create accurate, professional, and appropriate accounting documents and reports for the business entity served.
2. Compute financial data using accounting concepts and methods to understand, analyze, and communicate issues in quantitative terms.
3. Analyze accounting data/information in addressing and evaluating problems and issues in making informed business decisions.
4. Demonstrate effective use of technology applicable to the accounting field.

Required Courses	Units
ACCT 3 Computerized Accounting	3
ACCT 10A General Accounting	4
BCA 15 Business Computer Applications - Beginning	3
GNBUS 56 Business Mathematics	3
OA 22 Machine Calculation	1.5
Plus 4 units from the following:	
ACCT 1L Principles of Accounting - Financial	4.5
ACCT 2L Principles of Accounting - Managerial	5
ACCT 6 Individual Income Taxes-Federal/State	4
ACCT 9 Business Payroll Procedures	3.5
CWEE 45 Occ. Wrk Experience OR	
INTRN 46 Internship	1-4
GNBUS 10 Introduction to Global Business	3
Total units required	18.5

ACCT 1 <i>72 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: GNBUS 30 or GNBUS 33 <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: ACCT 1A. Students are strongly recommended to take ACCT 10A prior to this class.	Principles of Accounting- Financial	4 units
--	--	----------------

Transferable to CSU/UC
C-ID ACCT 110 (ACCT 1 & ACCT 1A)
This is the study of accounting as an information system, examining why it is important and how it is used by investors, creditors, and others to make decisions. The course covers the accounting information system, including recording and reporting of 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 1A <i>27 lab hours</i> <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: ACCT 1 <i>Transferable to CSU/UC</i> <i>C-ID ACCT 110 (ACCT 1 & ACCT 1A)</i> 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)	Principles of Accounting- Financial Lab	.5 unit
---	--	----------------

ACCT 2L Principles of Accounting- Managerial 5 units

72 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: BCA 15 and ACCT 1 and ACCT 1A or ACCT 1L

Transferable to CSU/UC
C-ID ACCT 120
Emphasizes accounting principles and tools used by management in decision-making, planning, directing and controlling operations. Focuses on cost terms and concepts, cost behavior, cost structure and cost-volume-profit analysis. Includes budgetary techniques, issues relating to cost systems, cost control, profit planning, and performance analysis for manufacturing and service environments; and utilizing computer applications as a tool in preparing and analyzing managerial related accounting reports. (L,M,C)

ACCT 3 Computerized Accounting 3 units

45 lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of: ACCT 10A or ACCT 1 or ACCT 1L or ACCT 2L

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.

ACCT 6 Individual Income Taxes- Federal and State 4 units

72 lecture hours
Other: ACCT 10A or prior knowledge of accounting terminology/concepts 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, timelines, percentages, limitations, and laws that relate to maintaining payroll for business firms in California; computerized payroll procedures will also be presented. Prior accounting knowledge is not necessary. (L,M)

ACCT 10A General Accounting 4 units

72 lecture hours
Transferable to CSU
Introductory accounting course covering accounting principles and practices, the complete accounting cycle, and creation of financial reports. Use of proper procedures in the General Journal, Special Journals, General Ledger and Subsidiary Ledgers. Includes payroll processes, and proper financial reporting. (L,M)

General Business



BUSINESS ADMINISTRATION (Associate in Science for Transfer)

Students who complete this program should be able to:
1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technological skill.
3. Analyze both internal and external data/information in addressing and evaluating problems and issues in making informed business decisions.
4. Formulate solutions to business problems using current and emerging computer applications, records management, and standard business procedures.

Required Courses Units

ACCT 1 Principles of Accounting - Financial	4
and	
ACCT 1A Principles of Accounting - Financial Lab	0.5
ACCT 2L Principles of Accounting - Managerial	5
GNBUS 18A Business Law	3
ECON 1A Elementary Economics - Macro	3
ECON 1B Elementary Economics - Micro	3
List A Courses. Choose 3-4 units (3 units may be GE):	
MATH 9 Calculus for Business, Social and Life Sciences ..	4
STAT 1 Introduction to Statistical Methods	4
List B Courses. Choose two (6 units):	
BCA 15 Business Computer Applications - Beg	3
GNBUS 10 Introduction to Global Business	3
GNBUS 21 Business Communications	3
Total units required for degree major	24-27

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC (CSU version), all courses in the major with “C” or better grades, and achieve a minimum transferable cumulative GPA of 2.0.

GENERAL BUSINESS MANAGEMENT (Associate in Science)

Students who complete this program should be able to:
1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technoloigcal skill.
3. Analyze both internal and external data/information in addressing and evaluating problems and issues in making informed business decisions.
4. Formulate solutions to business problems using current and emerging computer applications, records management, and standard business procedures.

Required Courses Units

BCA 15 Business Computer Applications - Beginning	3
GNBUS 10 Introduction to Global Business	3
GNBUS 18A Business Law	3
GNBUS 56 Business Mathematics	3
ECON 1A Elementary Economics-Macro	3
MGMT 5 Introduction to Supervision OR	3
MGMT 10 Principles of Management	3

Plus 3 units from the following:
ACCT 1L Principles of Accounting - Financial 4.5 || ACCT 2L Principles of Accounting - Managerial | 5 |
ACCT 6 Individual Income Tax	4
GNBUS 25 Career Planning	3
MGMT 35 Management Psychology	3
OA 52/GNBUS 52 Business English	3
SPECH 1 Public Speaking OR	
SPECH 6 Group Communication	3

Total units required for degree major

21

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

GNBUS 1 Business Information Systems 3 units

45 lecture hours, 27 lab hours
Transferable to CSU
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. (C,L)

GNBUS 5 Introduction to Supervision 3 units

54 lecture hours
Transferable to CSU
Introduction to the role of the supervisor and understanding of the basic fundamentals of supervision. A practical course designed for the potential working supervisor. (L)

GNBUS 6 Principles of Management 3 units

54 lecture hours
Transferable to CSU
Managerial and organizational theory and practice; planning, organizing, influencing and controlling. Focusing on the role, functions, and responsibilities of management in a contemporary organization. (L)

Programs and Courses

GNBUS 7	Entrepreneurship	3 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> 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 AG 14. (L,M)		
GNBUS 8	Human Resource Management	3 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> Foundations for the contemporary theory and practices relating to the management of people, managing human resources within an organization, and basic personnel processes. (L)		
GNBUS 9	Organizational Management	3 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> Assists students in understanding and applying theories of management and psychology to human behavior in the workplace. Increases awareness of individual and group behaviors, conflict, resolution, and leadership and organizational dynamics. (L)		
GNBUS 10	Introduction to Global Business	3 units
<i>54 lecture hours</i> <i>Transferable to CSU/UC</i> <i>C-ID BUS 110</i> 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)		
GNBUS 18A	Business Law	3 units
<i>54 lecture hours</i> <i>Transferable to CSU/UC</i> <i>C-ID BUS 125</i> Law and its relationship to business. Laws and regulations affecting managerial decisions. Dispute resolution, torts, 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)		

GNBUS 21	Business Communications	3 units
<i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: ENGL 1A. <i>Other:</i> Word processing and keyboarding skill; no handwritten work is accepted. <i>Transferable to CSU</i> <i>C-ID BUS 115</i> 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 OA 21. (L)		
GNBUS 30	Business Computer Applications	3 units
<i>45 lecture hours, 27 lab hours</i> <i>Transferable to CSU</i> Develop beginning to intermediate skills using computer office applications. Basic features of word processing, spreadsheet, and presentation software are covered. Hands-on activities will focus on creating simple, integrated documents for business, personal and academic purposes. Typing skills are advised. (L,M)		
GNBUS 32	Word Processing Applications	3 units
<i>36 lecture hours, 54 lab hours</i> <i>Transferable to CSU</i> Basic and advanced features of word processing. Topics include creating, editing, and saving documents; file management; basic text, paragraph, and page formatting; page numbering; printing options; tables and columns; advanced formatting, chart forms, styles, graphics, borders, shading, drawing, macros, sort, and merge features. Grades are P/ NP option. (L)		
GNBUS 33	Spreadsheet Application	3 units
<i>36 lecture hours, 54 lab hours</i> <i>Transferable to CSU</i> Learn features of spreadsheet software applications using the interface, working with text labels, values, formulas, functions, editing and formatting. Spreadsheets designed for decision-making, creating charts, list and data management. Includes advanced formatting options, financial functions, 3-D formulas, and other advanced functions. Hands-on coursework that focuses on business, academic and personal applications. (C,L,M)		
GNBUS 34	Presentation Application	1 unit
<i>12 lecture hours, 18 lab hours</i> <i>Transferable to CSU</i> Learn the basics of presentation application software and more: create presentations, add visuals, include elements and data from other sources, modify master slides and timings. Customize, prepare for distribution and deliver presentations. Familiarity with keyboard recommended. Grades are P/NP only.		

Programs and Courses

GNBUS 37	Introduction to Database Applications	1 unit
<i>12 lecture hours, 18 lab hours</i> <i>Transferable to CSU</i> Use database applications to develop simple to complex databases in an operating system environment. Design databases, sort and filter records, create input forms and custom-formatted reports. Grades are P/NP only. (C,L,M)		
GNBUS 41	Computer Operating Systems	1 unit
<i>12 lecture hours, 18 lab hours</i> <i>Transferable to CSU</i> Gain a comprehensive understanding of computer operating systems, including the new features of the operating system. Focuses on daily tasks such as creating and organizing files, customizing the workspace, fine-tuning performance, maintaining and protecting your computer. Additional topics include using the internet, basic e-mail skills, performing searches and networking. Students are challenged to apply what they learn to real-life tasks, preparing them to easily transfer skills to new situations. Grades are P/NP only. (L,M)		
GNBUS 42	Internet Literacy and Safety	3 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> Exposes students to a wide range of topics related to the Internet. 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)		
GNBUS 52	Business English	3 units
<i>54 lecture hours</i> 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 53	Records Management	3 units
<i>45 lecture hours, 27 lab hours</i> This course introduces students to the increasingly complex field of records management. The class emphasizes the importance of effective records management for all types of documents from their creation or receipt, through their processing, distribution, organization, storage, and retrieval, to their ultimate disposition. Students will investigate the management functions necessary to operate a records management program effectively. (C,L)		
GNBUS 55A	Beginning Keyboarding	3 units
<i>36 lecture hours, 54 lab hours</i> Acquire beginning level keyboarding skills and document formatting. Not open for credit to students with credit in OA15A-1, OA15A-2, and OA15A-3. (C,L)		
GNBUS 55B	Intermediate Keyboarding	3 units
<i>36 lecture hours, 54 lab hours</i> Refinement of basic keyboarding and document formatting skills to more advanced speed and accuracy levels. Not open for credit to students with credit in OA15B-1, OA15B-2, and OA15B-3. Grades are P/NP option. (C,L)		

GNBUS 56	Business Mathematics	3 units
<i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: 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. Grades are P/NP option. (L,M)		
GNBUS 60	General Office Procedures	3 units
<i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: GNBUS 55 or OA 15A Skills and procedures necessary in an automated office. Office information systems, including technology and procedures, telecommunications, information processing, mail and phone systems, time management, public relations, human relations skills, and ethics. Not open for credit to students with credit in OA60. Grades are P/NP option. (L,M)		
GNBUS 61	Advanced Office Procedures	3 units
<i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: GNBUS 55A; GNBUS 60 Develop and apply advanced level of principles, knowledge, and skills necessary for the proper operation of the automated office. Emphasis is placed on higher level administrative assistant skills such as analysis, communication, decision-making, and supervision principles. Not open for credit to students with credit in OA61. Grades are P/NP option. (L,M)		
GNBUS 63	Legal Office Procedures	3 units
<i>36 lecture hours, 54 lab hours</i> <i>Other:</i> GNBUS 32 and GNBUS 15A are recommended. This class explores the legal office environment, current legal office procedures, and preparation of legal documents using up-to-date office technology. (C,L,M)		
GNBUS 64	Medical Word Processing	3 units
<i>36 lecture hours, 54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: OA 17B or GNBUS 32; OA 52 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 fields and specialties such as OB-GYN, pediatrics, orthopedics, and cardiovascular medicine. (L,M)		
GNBUS 65	Medical Office Procedures	3 units
<i>36 lecture hours, 54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: GNBUS 55A or OA 15A; GNBUS 32 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. (C,L,M)		

GNBUS 66 Machine Calculation 1.5 units
18 lecture hours, 27 lab hours
Skill development in the operation of the electronic display and printing calculators. Functions include: addition, subtraction, multiplication, division, memory, percentages, and interest calculations to solve typical business problems. Speed and accuracy by touch method emphasized.Grades are P/NP option. (L,M)

MANAGEMENT
(see General Business)

PERSONNEL MANAGEMENT
(Associate in Science)

Students who complete this program should be able to:
1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technological skill.
3. Analyze both internal and external data/information in addressing and evaluating problems and issues in making informed business decisions.
4. Formulate solutions to business problems using current and emerging computer applications, records management, and standard business procedures.

Required Courses	Units
GNBUS 10 Introduction to Global Business.....	3
GNBUS 18A Business Law	3
GNBUS 56 Business Mathematics.....	3
MGMT 5 Introduction to Supervision	3
MGMT 10 Principles of Management	3
MGMT 35 Management Psychology	3
Plus 3 units from the following:	
BCA 15 Business Computer Applications - Beginning.....	3
OA 52/GNBUS 52 Business English	3
PSYCH 1A General Psychology.....	3
SPECH 1 Public Speaking	3
SPECH 6 Group Communication	3
Total units required for degree major	21
<i>Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.</i>	

RETAIL MANAGEMENT
(Certificate of Achievement)
Students who complete this program should be able to:
1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technological skill.
3. Analyze both internal and external data/information in addressing and evaluating problems and issues in making informed business decisions.
4. Formulate solutions to business problems using current and emerging computer applications, records management, and standard business procedures.

Required Courses	Units
ACCT 10A General Accounting	4
BCA 15 Business Computer Applications - Beginning.....	3
GNBUS 56 Business Mathematics.....	3
GNBUS 10 Introduction to Global Business.....	3
GNBUS 18A Business Law	3
MGMT 10 Principles of Management	3
MGMT 15 Human Resource Management.....	3
MGMT 35 Management Psychology	3
MKT 82 Marketing Management	3
OA 21 Business Communications	3
SPECH 1 Public Speaking	3
Total units required	34

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)
Students who complete this program should be able to:
1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technoloigcal skill.
3. Analyze both internal and external data/information in addressing and evaluating problems and issues in making informed business decisions.
4. Formulate solutions to business problems using current and emerging computer applications, records management, and standard business procedures.

Required Courses	Units
ACCT 3 Computerized Accounting.....	3
BCA 15 Business Computer Applications - Beginning.....	3
GNBUS 10 Introduction to Global Business.....	3
GNBUS 18A Business Law	3
GNBUS 52/OA 52 Business English	3
GNBUS 56 Business Mathematics.....	3
Total units required for degree major	18
<i>Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.</i>	

Additional Recommended Courses:	
BCA 33A Introduction to Excel.....	1
BCA 34 Advanced Excel.....	1
MGMT 5 Introduction to Supervision	3
MGMT 10 Principles of Management	3
MGMT 35 Management Psychology	3

SMALL BUSINESS MANAGEMENT
(Certificate of Achievement)
Students who complete this program should be able to:
1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technoloigcal skill.
3. Analyze both internal and external data/information in addressing and evaluating problems and issues in making informed business decisions.
4. Formulate solutions to business problems using current and emerging computer applications, records management, and standard business procedures.

Required Courses	Units
BCA 15 Business Computer Applications - Beginning.....	3
GNBUS 18A Business Law	3
MGMT 5 Introduction to Supervision OR.....	3
MGMT 10 Principles of Management	3
MGMT 35 Management Psychology	3
Plus 15 units from the following:	
ACCT 1L Principles of Accounting-Financial OR	4.5
ACCT 10A General Accounting.....	4
GNBUS 10 Intro. to Global Business.....	3
GNBUS 25 Career Planning.....	3
GNBUS 56 Business Mathematics.....	3
OA 52 Business English	3
Total units required	27

SMALL BUSINESS MANAGEMENT
(Certificate of Achievement)
Students who complete this program should be able to:
1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technoloigcal skill.
3. Analyze both internal and external data/information in addressing and evaluating problems and issues in making informed business decisions.
4. Formulate solutions to business problems using current and emerging computer applications, records management, and standard business procedures.

Required Courses	Units
BCA 15 Business Computer Applications - Beginning.....	3
GNBUS 10 Intro. to Global Business.....	3
GNBUS 18A Business Law	3
MGMT 5 Introduction to Supervision OR	
MGMT10 Principles of Management	3
MGMT 35 Management Psychology	3
Total units required	15

OFFICE ADMINISTRATION
(see *General Business*)

ADMINISTRATIVE ASSISTANT (Certificate of Achievement)

Students who complete this program should be able to:

1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technological skill.
3. Analyze both internal and external data/information in addressing and evaluating problems and issues in making informed business decisions.
4. Formulate solutions to business problems using current and emerging computer applications, records management, and standard business procedures.

Required Courses	Units
OA 15B Intermediate Keyboarding	3
OA 17A Word Processing I	3
OA 17B Word Processing II	3
OA 22 Machine Calculation	1.5
OA 21 Business Communications	3
OA 52 Business English	3
OA 53 Filing	1
OA 60 General Office Procedures	4
OA 61 Advanced Office Procedures	4
Total units required	25.5

Chemistry

The Associate of Science Degree in Chemistry is designed to prepare students for transfer to four-year colleges or universities. The Degree is designed for pre-professional studies in medical and dental programs. The program of study may also meet course requirements for Bachelor's of Science Degrees with emphasis in environmental chemistry, forensic science and pharmaceutical chemistry. In all cases, students should consult with a counselor for more information on university admission and transfer requirements.

CHEMISTRY

(Associate in Science)

Students who complete this program should be able to:

1. Recognize and implement chemical symbolism, notation, nomenclature and vocabulary.
2. Perform chemistry calculations and demonstrate quantitative reasoning.
3. Apply chemistry concepts; demonstrate inductive reasoning.
4. Conduct chemistry laboratory operations and demonstrate manual skills.

Required Courses	Units
CHEM 1A General Chemistry.....	5
CHEM 1B General Chemistry.....	5
CHEM 18A Organic Chemistry for Health & Life Sciences I.....	4
CHEM 18B Organic Chemistry for Health & Life Sciences II.....	4
MATH 1A Single Variable Calculus - Early Transcendentals.....	4
MATH 1B Single Variable Calculus - Early Transcendentals.....	4
Plus the following:	
PHYS 2A General Physics	3
PHYS 3A General Physics Lab	1
PHYS 2B General Physics	3
PHYS 3B General Physics Lab OR.....	1
PHYS 4A Mechanics.....	4
PHYS 4B Electromagnetism.....	4
Total units required for degree major.....	34

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



CHEMISTRY

(Associate in Science for Transfer)

Students who complete this program should be able to:

1. Recognize and implement chemical symbolism, notation, nomenclature and vocabulary.
2. Perform chemistry calculations and demonstrate quantitative reasoning.
3. Sort and apply chemical data and information; demonstrate deductive reasoning.
4. Apply chemistry concepts; demonstrate inductive reasoning.
5. Conduct chemistry laboratory operations and demonstrate manual skills.

Required Courses	Units
CHEM 1A General Chemistry.....	5
CHEM 1B General Chemistry.....	5
CHEM 18A Organic Chemistry for Health & Life Sciences I.....	4
CHEM 18B Organic Chemistry for Health & Life Sciences II.....	4
PHYS 4A Mechanics	4
PHYS 4B Electromagnetism.....	4
MATH 1A Single Variable Calculus - Early Transcendentals.....	4
MATH 1B Single Variable Calculus - Early Transcendentals.....	4
Total units required for degree major.....	34

Students earning an AA-/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B for STEM or IGETC for STEM (CSU version), all courses in the major with "C" or better grades, and achieve a minimum transferable cumulative GPA of 2.0.

CHEM 1A	General Chemistry	5 units
<i>54 lecture hours, 108 lab hours</i>		

Prerequisite: Satisfactory completion of: MATH 52; CHEM 2A or High school chemistry with a grade of C or better AND a passing score on the Chemistry Assessment Examination.
Transferable to CSU/UC

C-ID CHEM 110 & C-ID CHEM 120S (CHEM 1A & CHEM 1B)
Students will explore the fundamental principles of inorganic chemistry including the nomenclature of inorganic compounds, chemical formulas, equations and reactions; stoichiometry; structure of atoms, ions, and molecules and the periodic table; oxidation-reduction and acid-base reactions; gas laws; thermochemistry and equilibrium. Laboratory techniques in the investigation of these chemical systems will be extensively developed, including experiments utilizing calorimetry to determine the enthalpy change associated with physical and chemical processes, fundamental gas laws analyzing pressure, volume, and temperature relationships, and acid-base chemistry utilizing titration analysis. (L,M)

CHEM 1B **General Chemistry** **5 units**
54 lecture hours, 108 lab hours

Prerequisite: Satisfactory completion of: CHEM 1A

Transferable to CSU/UC - UC Unit Limit

C-ID CHEM 120S (CHEM 1A & CHEM 1B)

Continuation of the exploration and application of the fundamental principles of chemistry developed in CHEM 1A. Topics include intermolecular forces, solutions, colligative properties, kinetics; further aspects of equilibrium including acid-base and solubility equilibrium, thermodynamics, electrochemistry, descriptive chemistry, and qualitative analysis; coordination chemistry; nuclear chemistry and an introduction to organic chemistry. Laboratory techniques in the investigation of these chemical systems will be extensively developed. (L,M)

CHEM 2A **Introductory Chemistry I** **5 units**
54 lecture hours, 108 lab hours

Prerequisite: Satisfactory completion of: MATH 101 or (MATH 101B)

Transferable to CSU/UC - UC Unit Limit

This is an introductory course focusing on the fundamental principles of inorganic chemistry; structure and bonding, nomenclature, chemical equations and reactions, stoichiometry, acids, bases, and chemical equilibrium, redox, gases, solutions, and nuclear chemistry. It is recommended for allied health or applied science majors. Not open to students with credit in CHEM 1A or equivalent. (L,M)

CHEM 2B **Introductory Chemistry II** **4 units**
54 lecture hours, 54 lab hours

Prerequisite: Satisfactory completion of: CHEM 1A or CHEM 2A

Transferable to CSU/UC - 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 10 **Concepts of Chemistry** **3 units**
54 lecture hours

Transferable to CSU/UC - UC Unit Limit

A survey of basic concepts and practices of chemistry. Designed for non-science majors desiring an introduction to fundamental chemistry concepts and skills. Not intended for students who will enroll in subsequent chemistry coursework. (L)

CHEM 18A **Organic Chemistry for Health and Life Sciences** **4 units**

54 lecture hours, 54 lab hours

Prerequisite: Satisfactory completion of: CHEM 1B

Transferable to CSU/UC

C-ID CHEM 150 & C-ID CHEM 160S (CHEM 18A & CHEM 18B)

The first semester of a one-year course in organic chemistry designed for students planning professional school studies in health and life sciences. A rigorous, in-depth presentation of basic principles with emphasis on reaction mechanisms, multi-step synthesis, stereochemistry and spectroscopy and preparation and reactions of nonaromatic hydrocarbons, haloalkanes, reactions of alkenes and alkynes, alcohols, ethers and organometallic compounds. Reactions include SN1, SN2, E1 and E2. (M)

CHEM 18B Organic Chemistry for Health and Life Sciences 4 units

54 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: CHEM 18A
Transferable to CSU/UC
C-ID CHEM 160S (CHEM 18A & CHEM 18B)

A continuation of CHEM 18A. Designed for students planning professional school studies in health and life sciences with emphasis on reactions of aromatic hydrocarbons; aldehydes and ketones; the preparation, reactions and identification of carboxylic acids and their derivatives; alkyl and acyl amines; ß-dicarbonyl compounds; and various classes of naturally occurring, biologically important compounds.

COMMUNICATIONS (see Speech)

Computer Science

The AS degree program in computer science is designed for students transferring to a four-year educational institute. The study of Computer Science provides the theoretical foundations of computation application design and information processing combined with skills needed for system design implementation. Course work covers programming fundamentals, data structures, discrete mathematics and computer architecture.

COMPUTER SCIENCE (Associate in Science)

Students who complete this program should be able to:
1. Use appropriate mathematical and OOP (object oriented programming) concepts and methods to understand, analyze, and communicate issues in quantitative terms.
2. Clearly and effectively communicate concepts applied to mathematica and OOP (object oriented programming) topic requirements.
3. Analyze data/information in addressing and evaluating problems and issues in making decisions as applied to mathematical and OOP (object oriented programming) topic requirements. This SLO applies to issues pertaining to server/desktop design and migration to mobile device technology.

Required Courses	Units
COMSC 9A C++ Programming and.....	4
COMSC 9B Data Structures or.....	4
COMSC 11 Advanced C++ Programming.....	3
Plus 12 units from the following:	
COMSC 2 Computer Assembly Language	3
COMSC 5 Introduction to UNIX Operating System	3
COMSC 6 BASIC Programming.....	3
COMSC 7 Intro. to Visual Basic Programming	3
COMSC 8 Digital Logic Fundamentals.....	3
COMSC 9B Data Structures.....	4
COMSC 10L Computer Literacy	3
COMSC 11 Advanced C++ Programming	3
COMSC 12 JAVA Programming	3
COMSC 15 Discrete Structures for Computer Science.....	3
Total units required for degree major	19-20
Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.	
Recommended Courses for Degree:	
STAT 1 Introduction to Statistical Methods	4
MATH 1A Single Variable Calculus - Early Transcendentals	4
MATH 1B Single Variable Calculus - Early Transcendentals	4
MATH 25 Finite Math.....	3

COMPUTER SCIENCE (Certificate of Achievement)

Students who complete this program should be able to:
1. Use appropriate mathematical and OOP (object oriented programming) concepts and methods to understand, analyze, and communicate issues in quantitative terms.
2. Clearly and effectively communicate concepts applied to mathematica and OOP (object oriented programming) topic requirements.
3. Analyze data/information in addressing and evaluating problems and issues in making decisions as applied to mathematical and OOP (object oriented programming) topic requirements. This SLO applies to issues pertaining to server/desktop design and migration to mobile device technology.

Required Courses	Units
COMSC 9A C++ Programming	4
Plus 15 units from the following:	
COMSC 2 Computer Assembly Language	3
COMSC5 Introduction to UNIX Operating System	3
COMSC 6 Basic Language Programming	3
COMSC 7 Intro. to Visual Basic Programming.....	3
COMSC9B Data Structures.....	4
COMSC 10L Computer Literacy	3
COMSC 11 Advanced C++ Programming	3
COMSC 12 JAVA Programming	3
COMSC 15 Discrete Structures for Computer Science.....	3
Total units required for degree major	19

COMSC 2 Computer Assembly Language 3 units

36 lecture hours, 54 lab hours
Transferable to CSU/UC
C-ID COMP 142

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, and macros. Programs are written using typical operating systems and machine language for typical modern processors. Grades are P/NP option. (C,L,M)

COMSC 5 Introduction to UNIX Operating System 3 units

36 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: COMSC 9A
Transferable to CSU
Comprehensive introduction to the UNIX operating system. Topics to include system programming and management covering file protection, directory control, and vi. 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. Grades are P/NP option.

The Computer ScienceAS-T degree curriculum focuses on computer architecture and object oriented programming fundamentals including algorithm design, problem analysis, system design, and testing. The Computer Science AS-T degree targets four-year university transfer students interested in software system design and programming as well as those students seeking marketable programming skills aimed towards real-world application and innovation.

COMPUTER SCIENCE (Associate in Science for Transfer)

Students who complete this program should be able to:
1. Demonstrate analysis, specification, design, implementation, and testing skills resulting in quality computer software solutions. Students will use data structures, algorithms, programming languages, and software engineering techniques to implement significant programming projects.
2. Demonstrate the ability to analyze relevant data, and critically evaluate object oriented programming design and data structures.
3. Clearly and effectively communicate program designs and demonstrate the ability to create presentations appropriate to presented materials. Students will organize and communicate design ideas showing consistent use of appropriate code and design format.

Required Courses	Units
COMSC 9A C++ Programming OR	4
COMSC 12 JAVA Programming.....	3
COMSC 9B Data Structures.....	4
COMSC 2 Computer Assembly Language	3
COMSC 15 Discrete Structures for Computer Science.....	3
MATH 1A Single Variable Calculus - Early Transcendentals	4
MATH 1B Single Variable Calculus - Early Transcendentals	4
PHYS 4A Mechanics	4
PHYS 4B Electromagnetism.....	4
Total units required for degree major	29-30
Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the IGETC (CSU version), all courses in the major with "C" or better grades, and achieve a minimum transferable cumulative GPA of 2.0.	

COMSC 6 Basic Language Programming <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> Introduction to programming using object-orientated programming techniques, including problem solving, algorithm development, coding solutions, program life cycle, and source code maintenance. (L,M)	3 units
COMSC 7 Introduction to Visual Basic Programming <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> Introduction to event-driven programming in the Windows environment using Microsoft Visual BASIC.Net. Intended for those with prior experience or course work in at least one formal programming language. Includes objects, properties, user interface, forms, event procedures, custom controls, graphics, data access, report creation, and debugging methods. (L,M)	3 units
COMSC 8 Digital Logic Fundamentals <i>54 lecture hours, 54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: COMSC 9A; MATH 52 or MATH 52B. <i>Transferable to CSU/UC</i> Properties of switching algebra. Minimization of algebraic function using Karnaugh maps and DeMorgan's theorem. Design of combinational logic networks. Design of sequential logic devices including flip-flops, registers, and counters. Analysis and applications of digital devices. Analysis and design of synchronous and asynchronous sequential state machines, state table derivation and reduction. Use HDL compilers, schematic capture, TTL circuit implementation, and logic simulations tools. Logic design implementation using PLD, FPGA, and TTL. Grades are P/NP option.	4 units
COMSC 9A C++ Programming <i>54 lecture hours, 54 lab hours</i> <i>Transferable to CSU/UC</i> <i>C-ID COMP 122</i> 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)	4 units
COMSC 9B Data Structures <i>54 lecture hours, 54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: COMSC 9A <i>Transferable to CSU/UC</i> <i>C-ID COMP 132</i> 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)	4 units
COMSC 10L Computer Literacy <i>36 lecture hours, 54 lab hours</i> <i>Other:</i> Course is open entry/open exit <i>Transferable to CSU/UC</i> 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)	3 units
COMSC 11 Advanced C++ Programming <i>36 lecture hours, 54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: COMSC 9A <i>Transferable to CSU/UC</i> 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)	3 units
COMSC 12 Java Programming <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> <i>C-ID COMP 122</i> Introduction to Java Programming. Intended for those with prior experience or coursework 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 IO streaming, networking, threads, packages, the Java AWT and API. (L,M)	3 units
COMSC 15 Discrete Structures for Computer Science <i>36 lecture hours, 54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: MATH 20; COMSC 9A or COMSC 12 <i>Transferable to CSU/UC</i> <i>C-ID COMP 152</i> Introduction to the essential discrete structures for computer science with applications. Topics include: proof techniques, counting rules, elementary formal logic and set theory, functions, recursive analysis, digital logic and combinatorial circuits, real number representation, regular expressions, and finite automata. Grades are P/NP option.	3 units
COMSC 20 Beginning Web Publishing with HTML <i>36 lecture hours, 54 lab hours</i> <i>Other:</i> Course is open entry/open exit <i>Transferable to CSU</i> 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)	3 units

Cooperative Work Experience Education

CWEE 44A 1st Semester General Work Experience <i>30-450 lab hours</i> <i>Corequisite:</i> Must have local paid employment (75 hours per unit) or a volunteer position (60 hours per unit) that is not directly related to the student's major or career path; student's supervisor must agree to participate in the program, which entails communicating with and meeting with college staff (Work Experience Mentor), assisting the student in writing and completing learning objectives, verifying the student's hours, evaluating the student, and otherwise training/guiding the student. <i>Transferable to CSU</i> Coordination of introductory on-the-job learning with college experience to develop desirable work habits, attitudes and career awareness through supervised paid employment or volunteer experience that is not directly related to the student's specific career path and college major. Students may enroll in 1-6 units. Students enrolling in this class are not eligible for other Cooperative Work Experience Education (CWEE) or Internship (INTRN) classes during the same semester. Students may not exceed sixteen (16) units in the combination of CWEE and INTRN classes. Grades are P/NP only.	.5-6 units
CWEE 44B 2nd Semester General Work Experience <i>30-450 lab hours</i> <i>Prerequisite:</i> Success completion of CWEE 44A and must have local paid employment (75 hours per unit) or a volunteer position (60 hours per unit) that is not directly related to the student's major or career path; student's supervisor must agree to participate in the program, which entails communicating with and meeting with college staff (Work Experience Mentor), assisting the student in writing and completing learning objectives, verifying the student's hours, evaluating the student, and otherwise training/guiding the student. <i>Transferable to CSU</i> Coordination of intermediate on-the-job learning with college experience to develop desirable work habits, attitudes and career awareness that is progressive from the first semester. This learning experience requires supervised paid employment or vounteer experience that is not directly related to the student's specific career path and college major. Students may enroll in 1-6 units. Students enrolling in this class are not eligible for other Cooperative Work Experience Education (CWEE) or Intership (INTRN) classes during the same semester. Students may not exceed sixteen (16) units in the combination of CWEE and INTRN classes. Grades are P/ NP only.	.5-6 units

CWEE 44C 3rd Semester General Work Experience <i>30-450 lab hours</i> <i>Prerequisite:</i> Success completion of CWEE 44B and must have local paid employment (75 hours per unit) or a volunteer position (60 hours per unit) that is not directly related to the student's major or career path; student's supervisor must agree to participate in the program, which entails communicating with and meeting with college staff (Work Experience Mentor), assisting the student in writing and completing learning objectives, verifying the student's hours, evaluating the student, and otherwise training/guiding the student. <i>Transferable to CSU</i> Coordination of intermediate on-the-job learning with college experience to develop desirable work habits, attitudes, and career awareness that is progressive from the first and second semesters. This learning experience requires supervised paid employment or volunteer experience that is not directly related to the student's specific career path and college major. Students may enroll in 1-6 units. Students enrolling in this class are not eligible for other Cooperative Work Experience Education (CWEE) or Internship (INTRN) classes during the same semester. Students may not exceed sixteen (16) units in the combination of CWEE and INTRN classes. Grades are P/NP only.	.5-6 units
CWEE 44D 4th Semester General Work Experience <i>30-450 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of CWEE 44C and must have local paid employment (75 hours per unit) or a volunteer position (60 hours per unit) that is not directly related to the student's major or career path; student's supervisor must agree to participate in the program, which entails communicating with and meeting with college staff (Work Experience Mentor), assisting the student in writing and completing learning objectives, verifying the student's hours, evaluating the student, and otherwise training/guiding the student <i>Transferable to CSU</i> Coordination of advanced on-the-job learning with college experience to develop desirable work habits, attitudes, and career awareness that is progressive from the first through third semester. This learning experience requires supervised paid employment or volunteer experience that is not directly related to the student's specific career path and college major. Students may enroll in 1-6 units. Students enrolling in this class are not eligible for other Cooperative Work Experience Education (CWEE) or Internship (INTRN) classes during the same semester. Students may not exceed sixteen (16) units in the combination of CWEE and INTRN classes. Grades are P/NP only.	.5-6 units

CORRECTIONS
(see Administration of Justice)

Counseling

COUNS 10 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i>	College Success	3 units
Study skills and knowledge necessary for college success, including time management, memory techniques, note taking, reading skills, test-taking skills, critical thinking, writing, learning styles, diversity, communication skills, career planning, assessment, use of technology and other resources. (L)		
COUNS 22 <i>18 lecture hours (1 unit)</i> <i>36 lecture hours (2 units)</i> <i>Transferable to CSU</i>	Peer Advising Seminar	v1-2 units
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 <i>54 lecture hours</i> <i>Transferable to CSU</i>	Career Planning and Development	3 units
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 <i>36 lecture hours</i> <i>Transferable to CSU</i>	Transfer Preparation	2 units
Preparation for a successful transfer experience to a university; emphasis on understanding the UC and CSU systems, private university systems in California, and out-of-state colleges and universities. Students will evaluate and choose universities based on research about degrees offered, geographic location, transfer requirements, the application process, housing, financial aid, scholarship and support services. (L)		
COUNS 33 <i>54 lecture hours</i> <i>Transferable to CSU</i>	Personal and Social Adjustment	3 units
This course is designed with an applied focus for students interested in how psychology is used in everyday life and is related to other social sciences. This course surveys different psychological perspectives and theoretical foundations and how these are applied across a person's life taking into account the influence of factors such as culture, gender, ethnicity, historical cohort and socioeconomic status. A broad understanding of how scientists clinicians, and practitioners study and apply psychology is emphasized.		

COUNS 35 <i>18 lecture hours</i> <i>Transferable to CSU</i>	College Study Skills	1 unit
Improvement of study skills including reading comprehension, note taking, time management, and test taking strategies. Grades are P/NP. (L)		
COUNS 45 <i>18 lecture hours</i> <i>Transferable to CSU</i>	Career College Planning	1 unit
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 52 <i>18 lecture hours</i>	Pre-Employment Skills Training	1 unit
Exploration of various skills and methods vital to obtaining and retaining employment including: Developing Positive Attitudes, Writing Resumes, and Interviewing Techniques. Grades are P/NP. (L)		

Culinary Arts

Culinary Arts

(Associate in Science)

This associate degree is intended to provide students with the skills and abilities necessary to obtain employment in the growing restaurant and hospitality industry. Students that earn the degree have the ability to secure employment from restaurants, hotels, casinos, bakeries and other food service establishments. The students will learn: food safety and handling, recipe conversions, knife skills, cooking methods and techniques, menu creation and costing, basic baking methods, general restaurant management procedures and the soft skills necessary to be successful in the industry.

Students who complete this program should be able to:

1. Demonstrate the ability to clean, organize and sanitize according to industry standards in food handling, and restaurant service.
2. Utilize the appropriate cooking methods and techniques according to industry standards.
3. Demonstrate professionalism in appearance, teamwork and promptness.
4. Create an employee handbook according to industry standards.
5. Calculate beverage pour cost to industry standards.

Required Courses	Units
CUL 51A Basic Food Preparation.....	3
CUL 51B Advanced Food Preparation	3
CUL 52A Professional Baking	3
CUL 52B Advanced Baking	3
CUL 54 Food Sanitation, Safety, and Storage.....	.5
CUL 59A Basic Restaurant Operations	4
CUL 59B Advanced Restaruant Operations	4
CUL 60 Advanced Foods and Catering	2
CUL 61 Introductory Purchasing for Food Service and Hospitality	1
CUL 64 Beverage Control and Operations.....	2
CUL 65 Food Service Operation and Management	2
HLTH 10 Principles of Nutrition	3
Total units required for degree major.....	30.5

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

Course “97”

Experimental Topics	v.5-3 units
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 transfer but is of the associate degree level. On the transcript, the course will be shown with a regular department prefix, viz Art 97, followed by a title.	

Course “98”

Independent Studies, 98 A-B-C-D	v1-3 units
These courses are used whenever circumstances warrant offering courses not yet part of an established curriculum. For example, media courses which are offered as Independent Studies requiring prior approval by the Chancellor’s Office. Other Independent Studies courses may originate from the needs and curiosities of groups of students and faculty to study areas of mutual interest and concern. Media courses will be developed by the Instructional Services Division/or the Northern California Telecommunications Consortium. Students and faculty may identify areas of interest not taught in other courses to: (1 unit) Describe problems within identifiable areas of interest; (2 units) use procedures likely to develop further knowledge; (3 units) develop ways of acting on basis of new knowledge; and (4 units) use integrated approach to solution of problems.	

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.	

The Associate in Science in Early Childhood Education for Transfer degree provides the opportunity for students to complete their freshman/sophomore level classes needed for a Bachelor's degree in ECE with the California State University System.

EARLY CHILDHOOD EDUCATION (Associate in Science for Transfer)

- Students who complete this program should be able to:
1. Graduate from ECE with a clear understanding of developmentally and culturally appropriate practices and what it means to successfully work with children, families, and the community in an early care and education setting. Students seeking a baccalaureate in a similar discipline in Early Childhood Education or Child Development will successfully complete the transfer process to a four year institution.
 2. Proficiently design developmentally appropriate curriculum, and demonstrate effective implementation using intentional teaching methods that scaffold children's co-construction of knowledge through exploration, risk-taking, reflection, and the respectful inclusion and support of individual life experiences.
 3. Build partnerships with local, national and international resource organizations in order to advocate effectively for the needs of children and families and to grow in professional skills.
 4. Promote higher levels of child learning through the use of intentional teaching methods that support the unique development of every child.

Required Courses	Units
ECE 1A Principles and Practices of Teaching Youth	3
ECE 1B Introduction to Curriculum.....	3
ECE 3 Child Growth and Development	3
ECE 10 Health, Safety and Nutrition	3
ECE 11 Observation and Assessment.....	3
ECE 27 Teaching in a Diverse Society	3
ECE 31 Child, Family, Community	3
ECE 46 Practicum-Field Experience-Preschool	3
Total units required for degree major	24
Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC (CSU version), all courses in the major with "C" or better grades, and achieve a minimum transferable cumulative GPA of 2.0.	

Director of Private Day Care Center/Preschool Options

For information on being a Director of a private day care center or preschool see the ECE Department.

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 course work of 40 total units and 175 days of experience, apply for the permit at local county schools office.

- Students who complete this program should be able to:
1. Demonstrate the skills needed in order to enter the ECE workforce as a Preschool Teacher in a Title 5 Program
 2. Demonstrate their ability to identify the theories and practices of the social, emotional, creative, cognitive and physical development of young children
 3. Compare and contrast the skills necessary in working with and supporting families, diversity and program practices.
 4. Demonstrate an awareness of and evaluate important factors in planning in childcare facilities and the ethical issues involved in working with young children.

Required Courses	Units
ECE 1A Principles and Practices of Teaching Youth	3
ECE 1B Introduction to Curriculum.....	3
ECE 3 Child Growth and Development	3
ECE 7A Creative Materials	3
ECE 10 Health, Safety, and Nutrition	3
ECE 11 Observation and Assessment.....	3
ECE 16 Preschool Music Activities	3
ECE 27 Teaching in a Diverse Society	3
ECE 31 Child, Family, and Community	3
ECE 46 Practicum-Field Exp-Preschool.....	3
Total units in major required	30

Note on Permit through Credentialing: After completing required course work 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.

CHILD DEVELOPMENT ASSOCIATE TEACHER (Certificate of Training)

- Students who complete this program should be able to:
1. Exhibit cultural competence through the development of intentional practices with respect to diversity and the inclusion of all children, families, staff, and communities
 2. Proficiently design developmentally appropriate curriculum, and demonstrate effective implementation using international teaching methods that scaffolds childrens co-construction of knowledge through exploration, risk-taking, reflection, and the respectful inclusion and support of individual life experience.
 3. Promote higher levels of child learning through the use of international teaching methods that support the unique development of every child.
 4. Use understanding of cognitive development and apply it to their roles as curious, confident, life-long constructors of knowledge.

Required Courses	Units
ECE 1A Principles and Practices of Teaching Young Children	3
ECE 1B Introduction to Curriculum.....	3
ECE 3 Child Growth and Development	3
ECE 31 Child, Family, Community	3
Total units required	12

ECE Specialization Certificates 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.

ARTS SPECIALIZATION (Certificate of Achievement)

- Students who complete this program should be able to:
1. Design, implement, and evaluate effective program practices to successfully implement culturally appropriate arts curriculum in an early childhood classroom.

Required Courses	Units
ECE 1A Principles and Practices of Teaching Youth	3
ECE 1B Introduction to Curriculum	3
ECE 3 Child Growth and Development	3
ECE 7A Creative Materials	3
ECE 10 Health, Safety, and Nutrition	3
ECE 11 Observation and Assessment.....	3
ECE 16 Preschool Music Activities.....	3
ECE 27 Teaching in a Diverse Society	3
ECE 31 Child, Family, Community	3
ECE 46 Practicum-Field Experience-Preschool or.....	3
ECE 46A Practicum-Field Exp-Infant/Toddler	3
or ECE 46B Practicum-Field Exp-School Age Children.....	3
or ECE 46C Practicum-Field Exp-Children With Special Needs.....	3
Total units required	30

CHILDREN WITH SPECIAL NEEDS SPECIALIZATION (Certificate of Achievement)

- Students who complete this program should be able to:
1. Develop and refine both non-verbal and verbal communication skills to enhance professionalism when working with co-workers in the child care field, and children with special needs and their families.
 2. Evaluate and analyze the use of different developmental theories and instructional strategies that encourage development of critical thinking, problem solving, and performance skills when working with children and families.
 3. Learn and practice professional ethics, personal and social responsibility, and effective team membership in their work as child care professionals.

Required Courses	Units
ECE 1A Principles and Practices of Teaching Youth	3
ECE 1B Introduction to Curriculum	3
ECE 3 Child Growth and Development	3
ECE 10 Health, Safety, and Nutrition	3
ECE 11 Observation and Assessment.....	3
ECE 17 The Exceptional Child	3
ECE 18 Curriculum and Strategies for Children with Special Needs	3
ECE 27 Teaching in a Diverse Society	3
ECE 31 Child, Family, Community	3
ECE 46C Practicum-Field Exp-Children With Special Needs	3
Total units required	30

DIVERSITY IN ECE (Certificate of Achievement)

- Students who complete this program should be able to:
1. Design, implement, and evaluate effective program practices to successfully implement culturally appropriate practices and curriculum in an early childhood classroom.

Required Courses	Units
ECE 1A Principles and Practices of Teaching Youth	3
ECE 1B Introduction to Curriculum	3
ECE 3 Child Growth and Development	3
ECE 7A Creative Materials	3
ECE 10 Health, Safety, and Nutrition	3
ECE 11 Observation and Assessment.....	3
ECE 16 Preschool Music Activities.....	3
ECE 27 Teaching in a Diverse Society	3
ECE 31 Child, Family, Community	3
ECE 46 Practicum-Field Exp-Preschool	3
Total units required	30

FOUNDATIONS IN ECE SPECIALIZATION (Certificate of Achievement)

- Students who complete this program should be able to:
1. Demonstrate the skills needed in order to enter the ECE workforce as a Preschool Teacher in a Title 5 Program.

Required Courses	Units
ECE 1A Principles and Practices of Teaching Youth	3
ECE 1B Introduction to Curriculum.....	3
ECE 3 Child Growth and Development	3
ECE 31 Child, Family, and Community	3
ECE 10 Health, Safety, and Nutrition	3
ECE 11 Observation and Assessment.....	3
ECE 27 Teaching in a Diverse Society	3
ECE 46 Practicum-Field Experience-Preschool or	3
ECE 46A Practicum-Field Exp-Infant/Toddler.....	3
or ECE 46B Practicum-Field Exp-School Age Children.....	3
or ECE 46C Practicum-Field Exp-Children With Special ..	3

Required Electives: Choose 6 Units from Courses Below:

ECE 5 Physical Activities for Young Children	1
ECE 75 Play: Key to Positive Growth.....	0.5
ECE 8 Children's Nutrition	1
ECE 9 Children's Cooking Activities	1
ECE 210 California Child Care Health Safety Course.....	0.5
ECE 12 Science for Young Children.....	1
ECE 13 Piaget's Learning Theory Applications	1
ECE 22 Developing Number Concepts	1
ECE 16 Preschool Music Activities	3
ECE 83 Techniques of Story Telling	1
Total units required	30

INFANT AND TODDLER
(Certificate of Achievement)

- Students who complete this program should be able to:
- 1. Develop and refine both non-verbal and verbal communication skills to enhance professionalism when working with children, families and co-workers in the child care field.
 - 2. Evaluate and analyze the use of different developmental theories and instructional strategies that encourage development of critical thinking, problem solving, and performance skills when working with children and families.
 - 3. Learn and practice professional ethics, personal and social responsibility, and effective team membership in their work as child care professionals.

Required Courses	Units
ECE 1A Principles and Practices of Teaching Youth	3
ECE 1B Introduction to Curriculum.....	3
ECE 3 Child Growth and Development	3
ECE 10 Health, Safety, and Nutrition	3
ECE 11 Observation and Assessment.....	3
ECE 27 Teaching in a Diverse Society	3
ECE 31 Child, Family, and Community	3
ECE 43 Care and Education for Infants and Toddlers.....	3
ECE 33 Infants and Toddlers or.....	3
ECE 42 Infant/Toddler Development	3
ECE 46A Practicum-Field Exp-Infant/Toddler	3
Total units required	30

LANGUAGE AND LITERACY
SPECIALIZATION
(Certificate of Achievement)

- Students who complete this program should be able to:
- 1. Demonstrate effective program practices to successfully design, implement, and evaluate effective literacy practices in an early childhood classroom.
 - 2. Demonstrate understanding of how to select and use developmentally appropriate and culturally appropriate literature for children 0-8 years.
 - 3. Utilize knowledge of appropriate language and literacy practices for young children in order to set up an effective language and literacy early childhood classroom environment.

Required Courses	Units
ECE 1A Principles and Practices of Teaching Youth	3
ECE 1B Introduction to Curriculum.....	3
ECE 3 Child Growth and Development	3
ECE 6 Early Childhood Language Development.....	3
ECE 10 Health, Safety, and Nutrition	3
ECE 11 Observation and Assessment.....	3
ECE 27 Teaching in a Diverse Society	3
ECE 31 Child, Family, and Community	3
ECE 37 Adult Supervision	2
ECE 39 Children's Literature	3
ECE 46 Practicum-Field Experience-Preschool	3
or ECE 46A Practicum-Field Exp-Infant/Toddler.....	3
or ECE 46B Practicum-Field Exp-School Age Children.....	3
or ECE 46C Practicum-Field Exp-Children With Special ..	3
Total units required	32

PEDIATRIC FIRST AID/CPR
(Certificate of Training)

- Students who complete this program should be able to:
- 1. Effectively respond to common childhood injuries and illnesses.
 - 2. Quickly assess which childhood injuries and illnesses are minor and which carry the urgency of a life-threatening emergency.
 - 3. Demonstrate critical first aid basics (bleeding/bandaging, allergic reactions, use an epinephrine pen, bites, stings, drowning, burns, asthma, and more) for children
 - 4. Demonstrate an ability to conduct CPR for children and infants.

Required Courses	Units
ECE 210 California Child Care Health Safety Course.....	5

SCHOOL AGE CHILDREN
(Certificate of Achievement)

- Students who complete this program should be able to:
- 1. Upon completion of this certificate, the student will be able to design, implement, and evaluate effective school age program practices to successfully implement a developmentally appropriate school age curriculum in an after school or latchkey classroom serving families and children 5-12 years of age.

Required Courses	Units
ECE 1A Principles and Practices of Teaching Youth	3
ECE 1B Introduction to Curriculum.....	3
ECE 3 Child Growth and Development	3
ECE 7A Creative Materials	3
ECE 10 Health, Safety, and Nutrition	3
ECE 11 Observation and Assessment.....	3
ECE 14 The School Age Child.....	3
ECE 27 Teaching in a Diverse Society	3
ECE 31 Child, Family, and Community	3
ECE 46B Practicum-Field Exp-School-Age Children	3
Total units required	30

SITE SUPERVISOR
(Certificate of Achievement)

- Students who complete this program should be able to:
- 1. Students will analyze their own strengths and challenges in management, mentoring and staff development in the early childhood setting.

Required Courses	Units
ECE 1A Principles and Practices of Teaching Youth	3
ECE 1B Introduction to Curriculum	3
ECE 2A Administration I: Programs in Early Childhood Education.....	3
ECE2B Administration of Children's Centers.....	3
ECE 3 Child Growth and Development	3
ECE 10 Health, Safety, and Nutrition	3
ECE 11 Observation and Assessment.....	3
ECE 27 Teaching in a Diverse Society	3
ECE 31 Child, Family, Community	3
ECE 37 Adult Supervision	2
ECE 46 Practicum-Field Experience-Preschool or	3
ECE 46A Practicum-Field Exp-Infant/Toddler.....	3
or ECE 46B Practicum-Field Exp-School Age Children.....	3
or ECE 46C Practicum-Field Exp-Children With Special Needs.....	3
Total units required	32

TEACHER/FAMILY RELATIONSHIPS
SPECIALIZATION
(Certificate of Achievement)

- Students who complete this program should be able to:
- 1. Demonstrate effective program practices to successfully implement culturally appropriate practices in working with families in an early childhood classroom.
 - 2. Demonstrate communication strategies in order to develop effective Teacher Family partnerships with families that benefit the child enrolled in an early childhood program.
 - 3. Demonstrate knowledge and understanding of the challenges facing the diverse families of the children in their community.

Required Courses	Units
ECE 1A Principles and Practices of Teaching Youth	3
ECE 1B Introduction to Curriculum.....	3
ECE 3 Child Growth and Development	3
ECE 10 Health, Safety, and Nutrition	3
ECE 11 Observation and Assessment.....	3
ECE 27 Teaching in a Diverse Society	3
ECE 31 Child, Family, and Community	3
ECE 32 Parenting.....	3
ECE 35 Parents as Partners in ECE	3
ECE 37 Adult Supervision	2
ECE 46 Practicum-Field Experience-Preschool	3
or ECE 46A Practicum-Field Exp-Infant/Toddler.....	3
or ECE 46B Practicum-Field Exp-School Age Children.....	3
or ECE 46C Practicum-Field Exp-Children With Special ..	3
Total units required	32

TRANSITIONAL KINDERGARTEN AND
EARLY EDUCATION
(Certificate of Achievement)

- Students who complete this program should be able to:
- 1. Demonstrate the knowledge, skills and strategies needed to effectively and appropriately teach children in transitional kindergartens or early education programs. Students will be assessed through completion of a Professional Portfolio, including work from courses within the certificate.

Required Courses	Units
ECE 1A Principles and Practices of Teaching Youth	3
ECE 1B Introduction to Curriculum	3
ECE 1C Positive Social Development in Young Child	3
ECE 3 Child Growth and Development	3
ECE 11 Observation and Assessment.....	3
ECE 17 The Exceptional Child	3
ECE 27 Teaching in a Diverse Society	3
ECE 31 Child, Family, Community	3
Total units required	24

ECE 1A	Principals and Practices of Teaching Young Children	3 units
54 lecture hours		
Transferable to CSU		
C-ID ECE 120		

An examination of the underlying theoretical principles of developmentally appropriate practices applied to programs, environments, emphasizing the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for all children. This course includes a review of the historical roots of early childhood programs and the evolution of the professional practices promotion advocacy, ethics and professional identify. (L)

ECE 1B	Introduction to Curriculum	3 units
54 lecture hours		
Prerequisite: Satisfactory completion of: ECE 1A and ECE 3		
Transferable to CSU		
C-ID ECE 130		

This course presents an overview of knowledge and skills related to providing appropriate curriculum and environments for young children from birth to age six. Students will examine teacher's role in supporting development and fostering the job of learning for all young children using observation and assessment strategies emphasizing the essential role of play. An overview of content areas will include but not be limited to: Language and literacy, social and emotional learning, sensory learning, art and creativity, math and science. (L)

ECE 1C	Positive Social Development in Young Child	3 units
54 lecture hours		
Transferable to CSU		

Designed to help teachers and caregivers of young children to establish relationships with children and apply principles of behavior management. Basic principles include helping young children develop positive self-esteem, enter into group play, form friendships and learn prosocial behavior. (L)

ECE 2A	Administration 1: Programs in Early Childhood Education	3 units
54 lecture hours		
Transferable to CSU		

Introduction to the administration of early childhood programs. Covers program types, budget, management, regulations, laws, development and implementation of policies and procedures. Examines administrative tools, philosophies, and techniques needed to organize, open, and operate an early care and education program.

ECE 2B	Administration of Children's Centers	3 units
54 lecture hours		
Transferable to CSU		

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 studying management theory, budget, personnel policies, procedures, regulatory laws, working with families and professional ethics and growth.

Programs and Courses

ECE 3	Child Growth and Development	3 units
<i>54 lecture hours</i> <i>Transferable to CSU/UC</i> <i>C-ID CDEV 100</i> This course examines the major physical, psychosocial, and cognitive/language developmental milestones for 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. (L)		
ECE 5	Physical Activities for Young Children	1 unit
<i>18 lecture hours</i> <i>Transferable to CSU</i> 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 student with credit in PE 5. (L)		
ECE 6	Early Childhood Language Development	3 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> 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
<i>45 lecture hours, 27 lab hours</i> <i>Transferable to CSU</i> Creative activities for young children (2-8 years old) including the planning and implementation of painting, drawing, printmaking, weaving, stitchery, batik, collage, sculpture, puppet-making, and modeling materials. Not open for credit to student with credit in ART 7 or ART 7A. (L)		
ECE 8	Children’s Nutrition	1 unit
<i>18 lecture hours</i> <i>Transferable to CSU</i> Basic concepts of nutrition and health issues with emphasis on nutritional needs of young children as well as planning and implementing good nutrition programs for young children birth through eight-years-old.		
ECE 9	Children’s Cooking Activities	1 unit
<i>18 lecture hours</i> <i>Transferable to CSU</i> Process of cooking as it relates to the developmentally oriented early childhood curriculum; cooking activities that promote language acquisition, cognitive development, psycho-motor skills, and social and emotional growth. Includes the importance of good nutrition education and how to prepare nutritious snacks and simple meals. Grades are P/NP. (L)		

ECE 10	Health, Safety, and Nutrition	3 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> <i>C-ID ECE 220</i> 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 health professionals. Focus on integrating the concepts into everyday planning and program development for all children. (L)		
ECE 11	Observation and Assessment	3 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> <i>C-ID ECE 200</i> 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. (L)		
ECE 12	Science for Young Children	1 unit
<i>18 lecture hours</i> <i>Transferable to CSU</i> Designed to provide teachers and caregivers of young children with principles of appropriate science curriculum. Emphasis on informal science experiences and the cognitive connections made by young children as they observe, manipulate, process, and communicate. Classroom organization and management, readily-found materials, and connections with other curriculum areas are also included.		
ECE 13	Piaget’s Learning Theory Applications	1 unit
<i>18 lecture hours</i> <i>Transferable to CSU</i> Overview of Piaget’s theory of cognitive development and practice in relating theory to the development of games and activities for the preschool and primary classroom.		
ECE 14	The School Age Child	3 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> Developmental characteristics and needs of the 5 - 12 year old child at home or in a group care setting: includes developmental stages, program environment, developmentally appropriate curriculum, activities and materials, meeting the needs of families, classroom management, communication techniques, administrative requirements, skills, and characteristics of caregivers. (L)		

Programs and Courses

ECE 16	Preschool Music Activities	3 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> Provides a foundation for musical experiences to involve young children in music by developing listening skills, movement singing, playing an instrument, and incorporating the three basic elements of rhythm, melody, and harmony. Students build a resource file and create developmentally appropriate lesson plans that include music activities for transitions and cultural diversity. Introduces a variety of instruments appropriate for young children. (L)		
ECE 17	The Exceptional Child	3 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> Focuses on identification of children with special needs, resource and referral, full inclusion, 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. (L)		
ECE 18	Curriculum and Strategies for Children with Special Needs	3 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> Covers curriculum and intervention strategies for working with children with special needs in partnership with their families. Focuses on the use of observation and assessment in meeting the individualized needs of children in inclusive and natural environments. Includes the role of the teacher as a professional working with families, collaboration with interdisciplinary teams, and cultural competence. (L)		
ECE 22	Developing Number Concepts	1 unit
<i>18 lecture hours</i> <i>Transferable to CSU</i> 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 are P/NP (L,M)		
ECE 25	Group Experiences in Outdoor Environment	3 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> 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. (L)		

ECE 27	Teaching In A Diverse Society	3 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> <i>C-ID ECE 230</i> Examination of th e 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 identify, stereotypes and bias, social and education access, media and schooling. (L)		
ECE 31	Child, Family, Community	3 units
<i>54 lecture hours</i> <i>Transferable to CSU/UC</i> <i>C-ID CDEV 110</i> An examination of the developing child in a societal context focusing on the interrelationship of family, school and community and emphasizes historical and socio-cultural factors. The processes of socialization and identity development will be highlighted, showing the importance of respectful, reciprocal relationships that support and empower families. Not open for credit to students with credit in FCS 31. (L)		
ECE 32	Parenting	3 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> 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. (L)		
ECE 33	Infants and Toddlers	3 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> 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 consider infants and toddlers in group care situations, multicultural approaches to care, and infants-toddlers with special needs. (L)		
ECE 35	Parents as Partners in ECE	3 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> 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 <i>36 lecture hours</i> <i>Transferable to CSU</i> Methods and principles of supervising student teachers in the ECE classrooms. Emphasis is on the role of experienced classroom teachers who function as mentors to new teachers while simultaneously addressing the needs of children, parents, and other staff. Satisfies adult supervision requirements for the State Department of Social Services. (L)	Adult Supervision	2 units	ECE 46A Practicum - Field Experience - Infant/Toddler <i>18 lecture hours, 108 lab hours</i> <i>Prerequisites:</i> Satisfactory completion of: ECE 1A and ECE 1B and ECE 3 and ECE 31 and ECE 33 <i>Transferable to CSU</i> <i>C-ID ECE 210</i> A demonstration of developmentally appropriate early childhood teaching competencies under guided supervision. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning, and assessment and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for Infants and Toddlers. (L)	3 units
ECE 39 <i>54 lecture hours</i> <i>Transferable to CSU</i> An introduction to children’s literature: history, elements, and types of books of interest to children from birth through twelve years old. Students will read, share, and evaluate classical, cultural, and award-winning books. Methods of selecting and evaluating books will be applied. (L)	Children’s Literature	3 units	ECE 46B Practicum - Field Experience - School Age Children <i>18 lecture hours, 108 lab hours</i> <i>Prerequisites:</i> Satisfactory completion of: ECE 3 and ECE 1A and ECE 1B and ECE 14 and ECE 31 <i>Transferable to CSU</i> <i>C-ID ECE 210</i> A demonstration of developmentally appropriate early childhood teaching competencies under guided supervision. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning, and assessment and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all school age children. (L)	3 units
ECE 42 <i>54 lecture hours</i> <i>Transferable to CSU</i> A study of infants and toddlers from pre-conception to age three including physical, cognitive, language, social, and emotional growth and development. Applies theoretical frameworks to interpret behavior and interactions between heredity and environment. Emphasizes the role of family and relationships in development. (L)	Infant/Toddler Development	3 units	ECE 46C Practicum - Field Experience - Children with Special Needs <i>18 lecture hours, 108 lab hours</i> <i>Prerequisites:</i> Satisfactory completion of: ECE 3 and ECE 1A and ECE 1B and ECE 17 and ECE 31 <i>Transferable to CSU</i> <i>C-ID ECE 210</i> A demonstration of developmentally appropriate early childhood teaching competencies under guided supervision. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning, and assessment and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children. (L)	3 units
ECE 43 <i>54 lecture hours</i> <i>Transferable to CSU</i> Study of current theory and research to the care and education of infants and toddlers in group settings. Emphasis will be placed on the essential policies, principles and practices that lead to quality care and developmentally appropriate curriculum for children birth to 36 months. (L)	Care and Education for Infants and Toddlers	3 units		
ECE 46 <i>18 lecture hours, 108 lab hours</i> <i>Prerequisites:</i> Satisfactory completion of: ECE 1A and ECE 3 and ECE 1B and ECE 31 <i>Transferable to CSU</i> <i>C-ID ECE 210</i> A demonstration of developmentally appropriate early childhood teaching competencies under guided supervision. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning, and assessment; and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children. (L)	Practicum - Field Experience - Preschool	3 units		

Ecology

ECE 51 <i>9-45 lecture hours</i> Contemporary issues and practices for teachers and caregivers in the Early Childhood area, including: curriculum, health and safety, legislation and advocacy, licensing regulations, and other related subjects. Students will apply the principles to their own work setting and age groups. Grades are P/NP. (L)	Special Topics in ECE	v.5 to 2.5 units	ECOL 10 Environment-Concepts and Issues <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> This course presents fundamental physical, chemical, and biological principles in examining how natural ecosystems function and how human actions affect natural ecosystems. Emphasis is placed on the role of science in determing causes and in contributing sustainable solutions to local and global environmental problems. Topics include ecological priniciples, biodiversity, climate change, sustainability, renewable and non-renawable energy, water resources, air and water pollution, and solid waste management. (C,M)	3 units
ECE 56 <i>18 lecture hours</i> Development of effective parent-child relationships. Topics include behavior, emotions, encouragement, and communication. Grades are P/NP. (L)	Effective Parenting	1 unit	ECOL 11 <i>54 lab hours</i> <i>Prerequisite:</i> Concurrent enrollment or satisfactory completion of: ECOL 10 <i>Transferable to CSU/UC</i> Laboratory and field studies demonstrating the systematic study of both the biological and physical components of ecosystems, especially as seen in local organisms and ecosystems. Grades are P/NP option. (L,C,M)	1 unit
ECE 75 <i>9 lecture hours</i> Play as a learning medium; cognitive, social/emotional, and physical factors directly involved in play and child growth. Multiple theories of play and development will be studied and analyzed. Grades are P/NP. (L)	Play: Key to Positive Growth	.5 unit	ECOL 12 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> An introduction to the physical marine environment, marine life, and the interactions between the two. Course also includes a study of human impact upon the marine environment. Grades are P/NP option. (L)	3 units
ECE 83 <i>18 lecture hours</i> Methods of effective story-telling, including classroom use and ways to develop stories. Students will produce at least one story. Grades are P/NP. (L)	Techniques of Story Telling	1 unit		
ECE 210 <i>9 lecture hours</i> Designed to meet the requirements of Assembly Bill 962. Subject matter relates to child day care and is appropriate for anyone dealing with children on a regular basis where knowledge of CPR, Pediatric First Aid, and Health and Safety Training may be needed. Satisfies all requirements of the American Red Cross California Childcare course. Not open for credit to student with credit in AJ 210R. Grades are P/NP. (L)	California Child Care Health Safety Course	.5 unit		

Economics

ECON 1A Elementary Economics 3 units
-Macro

54 lecture hours
Prerequisites: Satisfactory completion of: Math 101 or Math 101B or qualifying score on the placement test.
Transferable to CSU/UC
C-ID ECON 202

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)

ECON 1B Elementary Economics 3 units
-Micro

54 lecture hours
Prerequisites: Satisfactory completion of: Math 101 or Math 101B or qualifying score on the placement test.
Transferable to CSU/UC
C-ID ECON 201

An introduction to Microeconomic concepts, principles, scarcity problems and policies. Theories 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)

Education

EDUC 1 Introduction to Teaching 3 units
With Field Experience

36 lecture hours, 54 lab hours
Other: This course requires written reflections of observations and research paper. Students must be able to articulate information in a written format. Course has additional enrollment fees; may require TB testing and fingerprint clearance.
Transferable to CSU/UC
C-ID EDUC 200

This course introduces students to the concepts and issues related to teaching diverse learners in today's contemporary schools, Kindergarten through Grade 12 (K-12). Topics include teaching as a profession and career, historical and philosophical foundations of the American education system, contemporary educational issues, California's content standards and frameworks, and teacher performance standards. In addition to class time, the course requires a minimum of 45 hours of structured fieldwork in public school elementary classrooms that represent California's diverse student population, and includes cooperation with at least one carefully selected and campus-approved certificated classroom teacher. (L)

EDUC 20 Tutoring Seminar 1 unit
18 lecture hours

Transferable to CSU
Tutor training involving the role and function of tutoring, the phases through which 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 handled in tutorials. (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)

Students who complete this program should be able to:
1. Explain and apply the overall roles and responsibilities of an EMT in performing both emergency medical care and operational aspects of the job.
2. Demonstrate an ability to evaluate patients and apply all emergency treatment procedures, short of those rendered by physicians.
3. Demonstrate an ability to use and maintain all equipment and instruments required to accomplish his/her job as an EMT.
4. Demonstrate knowledge of anatomy, physiology, and pathophysiology of sudden illness or injury; and of the mechanics of injury for patient evaluation.

Units
EMT 61 Emergency Medical Technician 17

EMT 61 Emergency Medical 7 units
Technician

112 lecture hours, 58 lab hours
Prerequisite: Satisfactory completion of: EMT 510
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, primary and secondary patient assessments, interventions, proper use of emergency medical equipment, recognizing signs and symptoms, and pathophysiology of medical emergencies and traumatic injuries. This course meets EMT curriculum requirements of the California Code of Regulations Title 22. Upon successful completion, students are eligible to take the National Registry EMT certifying examination and qualify for a California EMT License (L)

EMT 252 EMT-I Refresher 1 unit
16 lecture hours, 8 lab hours

Prerequisite: Satisfactory completion of: FIRTC 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-date information, and skills assessment 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: Satisfactory completion of: MATH 21
Transferable to CSU/UC
This is the foundation course in surveying and geomatics for engineers, especially civil engineers. It is intended to introduce students to the theory and practice of surveying. (L,M)

ENGR 4 Engineering Graphics 3 units
and Design

27 lecture hours, 81 lab hours
Transferable to CSU/UC
This course covers the principles of engineering drawings in visually communicating engineering designs and an introduction to computer-aided design (CAD). Topics include the development of visualization skills; orthographic projections; mechanical dimensioning and tolerancing practices; and the engineering design process. Assignments develop sketching and 2-D and 3-D CAD skills. The use of SolidWorks Engineering Design and Analysis software is an integral part of the course. Students will be expected to pass the CSWA exam as part of this course. (C,M)

ENGR 6 Computational Problem 3 units
Solving for Engineers

36 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: MATH 1A
Transferable to CSU/UC
This course focuses on numerical methods with computer application programs such as MATLAB and EXCEL to solve problems in engineering and science. Programming in MATLAB is a key skill developed in this course. Problems and applications from applied math, electrical circuits, biology, and other engineering and science fields are used. Grades are P/NP option.

ENGR 10 Introduction to Engineering 3 units
& Science

36 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: MATH 50
Transferable to CSU/UC
Exploration of the Science, Technology, Engineering and Mathematics (STEM) fields, particularly engineering, for both the decided engineering/STEM majors and others who may be curious about engineering. This course will provide the student with added college success skills which will improve his/her chances of succeeding in a technical field such as engineering. The course surveys the contemporary role of STEM professions in society, the engineering approach to problem solving, the design process, and ethics/responsibilities of engineers and scientists. The course offers a variety of hands-on activities and interactive laboratories. (L,M)

ENGR 17 <i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: PHYS 4B <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: MATH 2 <i>Transferable to CSU/UC</i> This course covers introductory laws and theorems of electrical circuits; DC circuit analysis; natural and forced response analysis of first and second-order systems; and solutions using differential equations. Steady-state AC analysis covers the use of phasors, AC power calculations, power transfer, and energy concepts. Introduction is given to circuit devices and systems including resistors, capacitors, inductors, dependent sources, operational amplifiers, switches, transfer functions and frequency-selective circuits. (L,M)	Circuits for Engineers	3 units
ENGR 17L <i>54 lab hours</i> <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: ENGR 17 <i>Transferable to CSU/UC</i> Electronic and electrical experiments to reinforce the principles taught in Engineering 17. Grades are P/NP option. (L,M)	Circuits Laboratory for Engineers	1 unit
ENGR 35 <i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: PHYS 4A <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: MATH 1C <i>Transferable to CSU/UC</i> This is a first course in mechanics as used in engineering - with emphasis on force systems and equilibrium conditions in two and three dimensions including moments, couples and resultants. Engineering problems concerning structures, machines, centers of gravity, moments of inertia, distributed forces, internal forces, friction and methods of virtual work are covered. Trigonometric and vector methods are used in this course. Understanding and application of the concepts to engineering problems is a key component of this course. Optional topics include cable systems and Mohr's circle.(L,M)	Statics	3 units
ENGR 45 <i>54 lecture hours, 54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: CHEM 1A and PHYS 4A <i>Transferable to CSU/UC</i> An introductory course in properties of materials used in engineering; emphasis on the theory underlying the behavior of engineering materials. Includes a face-to-face laboratory component covering the testing of metals, polymers, composites, wood, and other materials. (L,M)	Properties of Materials	4 units

English

ENGLISH
(Associate in Arts)


Students who complete this program should be able to:

1. Make effective rhetorical choices based on an accurate analysis of rhetorical context.
2. Analyze and interpret works from different historical and cultural traditions using appropriate conventions of literary analysis.
3. Apply reading strategies in order to critically analyze texts.
4. Gather, evaluate, and effectively integrate research materials.

Required Courses	Units
ENGL 1A College Composition and Reading	4
ENGL 1B Critical Thinking and Writing About Literature	3
ENGL 30A Introduction to American Literature I OR ENGL 30B Introduction to American Literature II	3
ENGL 46A Intro to English Literature I OR ENGL 46B Intro to English Literature II	3
Plus 6 units from the following: ENGL 1C, 22, 23, 30A, 30B, 31A, 31B, 36, 37, 39, 42, 43, 44, 46A or 46B	6
Total units required for degree major	19

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

The Associate in Arts in English for Transfer degree gives students a broad based background in writing, literature, and language analysis. It prepares students for the further study of English or a related field at a four-year school. As such, a bachelor's degree in English is a good gateway towards a career in teaching, law, technical writing, creative writing, editing/publishing, marketing, and any occupation requiring clear communication skills.



ENGLISH
(Associate in Arts for Transfer)
Students who complete this program should be able to:

1. Make effective rhetorical choices based on an accurate analysis of rhetorical context.
2. Analyze and interpret works from different historical and cultural traditions using appropriate conventions of literary analysis.
3. Apply reading strategies in order to critically analyze texts.
4. Gather, evaluate, and effectively integrate research materials.

Required Courses	Units
Required Courses (6 units)	
ENGL 1B Critical Thinking and Writing About Literature	3
AND	
ENGL 1C Critical Thinking/Advanced Composition	3
List A (6 units: choose 2 courses):	
ENGL 30A Introduction to American Literature I OR	3
ENGL 30B Introduction to American Literature II	3
ENGL 46A Intro to English Literature I OR	3
ENGL 46B Intro to English Literature II	3
List B (3 units: choose 1):	
ENGL 31A Creative Writing OR	3
ENGL 36 American Ethnic Voices OR	3
ENGL 37 Women's Voices, OR	3
ENGL 42 Introduction to Shakespeare	3
List C (3 units: choose 1):	
SPECH 2 Oral Interpretation of Literature OR	3
ENGL 19 News Writing and Reporting OR	3
MCOMM 19 News Writing and Reporting OR	3
ENGL 34 Introduction To Film OR	3
HUMAN 34 Introduction To Film OR	3
THART 34 Introduction To Film	3
Total units required for degree major	18

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC (CSU version), all courses in the major with "C" or better grades, and achieve a minimum transferable cumulative GPA of 2.0.

ENGL 1A <i>72 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: ENGL 51 or ENGL 56 or by placement. <i>Transferable to CSU/UC - UC Unit Limit</i> <i>C-ID ENGL 100</i> An introductory course offering instruction in expository and argumentative writing, appropriate and effective use of language, close reading, cogent thinking, research strategies, information literacy, and documentation. Focus on the recursivity of writing processes and integrating reading, writing, and speaking skills. Students will write a minimum of 6000 words.	College Composition and Reading	4 units
---	--	----------------

Programs and Courses

ENGL 1B Critical Thinking & Writing About Literature <i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: ENGL 1A <i>Transferable to CSU/UC</i> <i>C-ID ENGL 120</i> Critical thinking and writing about literature; develops critical thinking, reading, and writing skills applicable to the analysis of prose, poetry, drama, and criticism from diverse cultural sources and perspectives; emphasis on the techniques and principles of effective written argument; some research required. (L)	3 units	ENGL 30A Introduction to American Literature I <i>54 lecture hours</i> <i>Other:</i> Successful completion of English 1A or 1E strongly recommended. <i>Transferable to CSU/UC</i> <i>C-ID ENGL 130</i> A survey of American literature from its beginnings in 1620 to 1865. The course readings and discussion cover the evolution of literary traditions, contexts, and genres during that time period. Writers include, among others, Bradstreet, Taylor, Franklin, Emerson, Thoreau, Hawthorne, Melville, Poe, Whitman, Dickenson. Special attention will be paid to major literature genres, themes, and historical backgrounds. (L)	3 units
ENGL 1C Critical Thinking/Advanced Composition <i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: ENGL 1A or ENGL 1E <i>Transferable to CSU/UC</i> <i>C-ID ENGL 105</i> Principles of critical thinking, reading, and writing beyond freshman composition; focuses on the principles of, and the development of, logical and analytical reasoning, argumentative writing, and on the principles of rhetoric (invention, arrangement, style, memory, delivery, modes of discourse, audience).	3 units	ENGL 30B Introduction to American Literature II <i>54 lecture hours</i> <i>Other:</i> Successful completion of English 1A or 1E strongly recommended. <i>Transferable to CSU/UC</i> <i>C-ID ENGL 135</i> A survey of American Literature from 1865 through the early 21st Century. Writers covered include, among others, Clemens, Du Bois, James, Wharton, Frost, Faulkner, Hemingway, Hughes, Brooks, Wright, Roth, Rich, and Morrison. (L)	3 units
ENGL 1E College Composition and Reading Extended Instruction <i>90 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: ENGL 51 or ENGL 56 or by placement <i>Transferable to CSU/UC - UC Unit Limit</i> <i>C-ID ENGL 100</i> An introductory course offering instruction in expository and argumentative writing, appropriate and effective use of language, close reading, cogent thinking, research strategies, information literacy, and documentation. Focus on the recursivity of writing processes and integrating reading, writing, and speaking skills. Emphasis on developing academic mindsets and student skills. Students will write a minimum of 6000 words.	5 units	ENGL 31A Creative Writing I: Intro to the Genres <i>54 lecture hours</i> <i>Transferable to CSU</i> <i>C-ID ENGL 200</i> Introduction to the craft of writing poetry, drama, fiction, and creative non-fiction. Conducted primarily as a workshop in which students analyze examples by professional writers in the various genres, write original pieces in the various genres, practice and apply specific craft techniques, and critique their own work and the work of other students. (C,L)	3 units
ENGL 10 Extended Instruction for College Composition and Reading <i>18 lecture hours</i> <i>Prerequisite:</i> Concurrent enrollment or satisfactory completion of: ENGL 1A or by placement <i>Transferable to CSU</i> This course incorporates and contextualizes reading, writing, and research strategies aligned with English 1A coursework. Coursework and class activities will be aligned to student need. Grades are P/NP only.	1 unit	ENGL 31B Creative Writing II: Writing and Editing for Publication <i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: ENGL 31A <i>Other:</i> Successful completion of English 1A or English 1E is strongly recommended. Enrollment in or completion of English 1B is encouraged. <i>Transferable to CSU</i> This course focuses on literary editing and preparing poetry, dram a, fiction, and creative non-fiction for publication. This includes both original work by students and the evaluation of submissions for inclusion in a literary journal/publication. The course is conducted primarily as a workshop. Students will give and apply indepth criticism of original student pieces and work as an editorial board, evaluation creative work submitted for publication. (L)	3 units
		ENGL 34 Introduction to Film <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> 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 student with credit in HUMAN 34 or THART 34. (L)	3 units

Programs and Courses

ENGL 36 American Ethnic Voices <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> Survey of selected American ethnic writers of African, European, Native American, Central/South American, Mexican-American, 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)	3 units	ENGL 40C Tutoring Reading and Writing III <i>18 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: ENGL 40B <i>Transferable to CSU</i> An advanced training program that further prepares student tutors to support English Language Learner (ELL) peers as they work with academic reading and writing assignments in non-ESL courses across the disciplines. This course includes additional inquiry into research-backed ELL learning theories and tutoring strategies, with an emphasis on adapting tutoring strategies to specific ELL contexts.	1 unit
ENGL 37 Women's Voices <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> An exploration of the thematic and stylistic elements of literature 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 identity and expression, socio-economic status, and ethnic and/or religious identifies. This course will also focus on the ways that historical and ancient cultures are a foundation for understanding contemporary women's literature. (L)	3 units	ENGL 42 Introduction to Shakespeare <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> Studies significant features of Shakespeare's life, Renaissance theatre, Elizabethan and Jacobean English. Covers a selection of plays, including comedies, tragedies, and histories, and many sonnets. (L)	3 units
ENGL 38 Classic and Contemporary Youth Literature <i>54 lecture hours</i> <i>Transferable to CSU</i> <i>C-ID ENGL 180</i> Examines representative works of children's and young adult literature, with emphasis on developing students' close reading and analytical writing skills while promoting an appreciation for the aesthetic qualities of literature directed at young people. Emphasizes contemporary texts, classic works, and the socio-historical contexts of children's and YA literature. Explores common literary elements and subgenres, such as fantasy and the quest, the school story, fable and folk tale, cautionary tales, and coming-of-age stories. Emphasizes literature from diverse authors and communities. (L)	3 units	ENGL 46A Introduction to British Literature I <i>54 lecture hours</i> <i>Other:</i> Successful completion of English 1A or 1E strongly recommended. <i>Transferable to CSU/UC</i> <i>C-ID ENGL 160</i> 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.	3 units
ENGL 40A Tutoring Reading and Writing I <i>18 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: ENGL 1A or ENGL 1E. <i>Transferable to CSU</i> A training program that prepares student tutors to support peers as they work with academic reading and writing assignments across the disciplines. This course includes an introduction to research-backed learning theories and tutoring strategies.	1 unit	ENGL 46B Introduction to British Literature II <i>54 lecture hours</i> <i>Other:</i> Successful completion of: ENGL 1A or ENGL 1E strongly recommended. <i>Transferable to CSU/UC</i> <i>C-ID ENGL 165</i> 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.	3 units
ENGL 40B Tutoring Reading and Writing II <i>18 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: ENGL 40A <i>Transferable to CSU</i> An advanced training program that further prepares student tutors to support peers as they work with academic reading and writing assignments across the disciplines. This course includes additional inquiry into research-backed learning theories and tutoring strategies, with an emphasis on adapting tutoring strategies to specific learning contexts.	1 unit	ENGL 51 Preparatory Composition and Reading <i>72 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: ENGL 105 or ESL 105 or by placement exam. This pre-collegiate course, one level below College Composition (English 1A), requires students to read, analyze, and respond to texts in order to write coherent essays composed of well-developed paragraphs. Essays may respond primarily to academic, expository non-fiction texts. Students will practice revising their essays and edit according to standards of written English.	4 units

ENGL 56 Accelerated Preparation for College Composition and Reading 5 units

90 lecture hours
Prerequisite: Placement Exam
Accelerated preparation for College Composition and Reading (English1A). Intensive instruction in the academic mindsets, reading, reasoning, and writing expected in transfer and associate-degree courses. Students engage in extensive academic reading of college-level texts and write a minimum of 10,000 words. Successful completion allows students to enroll in English 1A.

ENGL 105 Pre-Collegiate Composition and Reading 4 units

72 lecture hours
Prerequisite: Placement Exam
This pre-collegiate course, two levels below College Composition (English 1A), requires students to develop strategies for reading, analyzing and responding to texts in order to write coherent essays. Students will practice academic reading strategies, using rhetorical strategies, and writing as a process. Students will also learn to edit their writing according to standards of written English.

English as a Second Language

ACADEMIC PREPAREDNESS AND CAREER DEVELOPMENT (Certificate of Competency)

Students who complete this program should be able to:
1. Write coherent expository essays and/or summary-responses at a level sufficient to transition to ENG 105 or 56.
2. Produce and comprehend advanced grammatical structures at a level sufficient to transition to ENG 105 or 56.
3. Demonstrate grammar, listening, speaking, and reading skills needed to clearly communicate and understand information and ideas in personal, academic, and vocational setting.

Required Courses

ESL 540A Low-Advanced Grammar and
ESL 516A Academic Reading and Writing for ESL 1 or
ESL 516B Academic Reading and Writing for ESL 2

ACADEMIC PREPAREDNESS AND CAREER DEVELOPMENT (Certificate of Advancement)

Students who complete this program should be able to:
1. Write coherent expository essays and/or summary-responses at a level sufficient to transition to ENG 105 or 56.
2. Produce and comprehend advanced grammatical structures at a level sufficient to transition to ENG 105 or 56.
3. Demonstrate grammar, listening, speaking, and reading skills needed to clearly communicate and understand information and ideas in personal, academic, and vocational settings.

Required Courses

ESL 40A Low-Advanced Grammar and3
ESL 116A Acadmeic Reading and Writing
for ESL 1 or4
ESL 116B Academic Reading and Writing for
ESL 24
Total units required7

FOUNDATIONS OF LITERACY (Certificate of Competency)

Students who complete this program should be able to:
1. Write simple paragraphs containing simple sentences in simple present and present continuous sentences.
2. Function in basic English listening and speaking situations at work, school, and in the community:

Required Courses

ESL 525 Integrated ESL Skills, Level 2 and
ESL 524 English Conversation, Level 2

INTERPERSONAL COMMUNICATION (Certificate of Competency)

Students who complete this program should be able to:
1. Use reading and writing skills to read and understand a variety of written texts at work, school, and in the community.
2. Demonstrate listening and speaking skills needed to communicate at work, at school, and in the community using studied materials, vocabulary, and grammar.

Required Courses

ESL 563 High-Intermediate Grammar and
ESL 568 High-Intermediate Writing
Electives:
ESL 565 Integrated ESL Skills, Level 6 or
ESL 559 EMP English for Employment or
ESL 559 MAT The Language of Mathematics for ESL
Students or
ESL 539 ECE English Skills for Parents and Child Care
Providers or
ESL 549 COM Computer Skills for ESL Students

INTERPERSONAL COMMUNICATION (Certificate of Advancement)

Students who complete this program should be able to:
1. Use reading and writing skills to read and understand a variety of written texts at work, school, and in the community.
2. Demonstrate listening and speaking skills needed to communicate at work, at school, and in the community using studied materials, vocabulary, and grammar.

Required Courses

ESL 268 High-Intermediate Writing and4
ESL 263 High-Intermediate Grammar3
Electives:
ESL 259 MAT The Language of Mathematics for
ESL Students or3
ESL 265 Integrated ESL Skills, Level 6 or5
ESL 259 EMP English for Employment or3
ESL 239 ECE English Skills for Parents and Child Care
Providers or5
ESL 249 COM Computer Skills for ESL Students.....3
Total units required 10-12

LIFE SKILLS (Certificate of Competency)

Students who complete this program should be able to:
1. Write a well-developed paragraph with a topic sentence, supporting ideas, and a concluding sentence at a low-intermediate level.
2. Create, format, type, save, and revise a Word document on a computer for academic assignments and personal needs.

Required Courses

ESL 543 Low-Intermediate Grammar and
ESL 545 Integrated ESL Skills, Level 4
Electives:
ESL 549 COM Computer Skills for ESL Students or
ESL 539 MAT The Language of Arithmetic for
ESL Students or
ESL 539 ECE English Skills for Parents and Child Care
Providers

ESL 40A <i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: ESL 263 or ESL 563 or by placement exam. <i>Transferable to CSU/UC - UC Unit Limit</i> Low-advanced grammar for ESL students. This course introduces students to a theme-based grammar and teaches them to read, write and speak English with grammatical accuracy and fluency in real-life contexts. Includes a functional study of the 12 tenses. Concurrent enrollment in ESL 116A/B, ESL 516A/B, or ENGL 51/56/1A is highly recommended.	Low-Advanced Grammar	3 units
ESL 116A <i>72 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: ESL 268, or ESL 568 or ESL 265 or ESL 565 or by 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, Summary-response compositions, and small group and whole class work to strengthen basic reading and writing skills. Concurrent enrollment in 40A, 40B, and/or 40C recommended.	Academic Reading and Writing for ESL 1	4 units
ESL 116B <i>72 lecture hours</i> <i>Prerequisite:</i> Eligibility for ESL 116B on Placement Exam Score This course emphasizes the development of 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.	Academic Reading and Writing for ESL 2	4 units
ESL 229AC <i>54 lecture hours</i> Provides students with basic computer and word processing skills necessary to type simple documents, use software and perform research related to employment. Additionally, students will work on English skills, such as reading, vocabulary development and pronunciation, using vocationally-related software in such fields as auto, healthcare, office, clerical, food service and construction. Intended for non-native English speaker with at least low-intermediate English proficiency. Concurrent enrollment in Level 3 ESL courses (e.g., ESL 232, 235) is highly recommended.	Computer Skills for ESL Students	3 units
ESL 253 <i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: ESL 243 or ESL 543 or by placement exam. Intermediate grammar for ESL students. This course introduces students to writing paragraphs and/or compositions containing compound and complex sentences in present, past, and future tenses. Concurrent enrollment in ESL 255/555 or 258/558 is highly recommended.	Intermediate Grammar	3 units

ESL 255 <i>90 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: ESL 245 or by placement exam. Language development for high-intermediate limited English speakers. Concentration on all language skills – reading, writing, speaking, listening, and grammar. This course is the fifth in a series of six integrated skill courses (215, 225, 235, 245, 255, and 265) leading to a certificate of completion in English at the high-intermediate level.	Integrated ESL Skills, Level 5	5 units
ESL 258 <i>72 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: ESL 245 or ESL 545 or by placement exam. Writing for intermediate ESL. Develops ability to write more detailed paragraphs using simple and compound sentences in varied verb tenses with proper grammar and mechanics. Concurrent enrollment in ESL 253/553 and 255/555 highly recommended.	Intermediate Writing	4 units
ESL 259EMP <i>54 lecture hours</i> Prepares students for vocational training and/or employment. Includes vocabulary for the world of work and skill development for job search, application and job retention. Intended for non-native English speakers with at least intermediate English proficiency. Concurrent enrollment in ESL 252, 253, 257, 258 and/or 255 and above is highly recommended. (L,C)	English for Employment	3 units
ESL 259MAT <i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: ESL 233 or ESL 235 or by placement exam. This course develops the English speaking abilities of non-native English speakers specifically in regards to the language and vocabulary of mathematics as it is used in the American educational system. Students will learn to read, write, and verbally express mathematical words, numbers, and notations.	The Language of Mathematics for ESL Students	3 units
ESL 263 <i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: ESL 253 or ESL 553 or by placement exam. High-intermediate grammar for ESL students. This course introduces students to reading and writing short paragraphs and/or compositions containing compound and complex sentences in present, past, present perfect, and future tenses. Concurrent enrollment in ESL 265/565 or 268/568 is highly recommended.	High-Intermediate Grammar	3 units
ESL 265 <i>90 lecture hours</i> <i>Prerequisite:</i> ESL 255 or by placement exam. Language development for high-intermediate limited English speakers. Concentration on all language skills – reading, writing, speaking, listening, and grammar. This course is the last in a series of six integrated skill courses (215, 225, 235, 245, 255, and 265) leading to a certificate of completion in English at the high-intermediate level. Prepares students for college-level courses.	Integrated ESL Skills, Level 6	5 units

Fire Technology

FIRE TECHNOLOGY (Associate in Science)

- Students who complete this program should be able to:*
1. Apply prevention/protection/fire-fighting theories, principles, and concepts to address real-life situations in the field.
 2. Analyze, interpret, and evaluate prevention/protection/firefighting theories, policies, practices, and procedures to develop strategies to prevent, control, and fight fires.
 3. Discuss the role of the fire service in the community and the importance of its Mission Statement.

Required Courses	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	3
Total units required for degree major	18
<i>Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.</i>	
Additional Recommended Courses:	
BIOL 5 Human Physiology	4
BCA 15 Business Computer Applications - Beginning.....	3
CHEM 2A Introduction to Chemistry.....	5
CWEE 45 Occupational Work Experience	1-4
EMT 61 Emergency Medical Technician I	4
OA 15A OR 15 Elementary Keyboarding.....	3

FIRST RESPONDER (Certificate of Training)

Required Courses	Units
FIRTC 205 Emergency Response.....	3

ESL 268 <i>72 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: ESL 258 or ESL 558 or ESL 255 or ESL 555 or by placement exam. Writing for high-intermediate ESL students. Further develops ability to write longer, correctly formatted paragraphs and short compositions with simple, compound, and complex sentences using proper grammar, spelling and verb tenses. Concurrent enrollment in ESL 263/563 and 265/565 is highly recommended.	High-Intermediate Writing	4 units
--	----------------------------------	----------------

FIRE TECHNOLOGY
(Certificate of Achievement)

Students who complete this program should be able to:

1. Apply prevention/protection/fire-fighting theories, principles, and concepts to address real-life situations in the field.
2. Analyze, interpret, and evaluate prevention/protection/firefighting theories, policies, practices, and procedures to develop strategies to prevent, control, and fight fires.
3. Discuss the role of the fire service in the community and the importance of its Mission Statement.

Required Courses	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
Plus 6 units from the following:	
AJ 10 Introduction to Criminal Justice System	3
ENGL 1A College Composition and Reading OR ENGL 51 Preparatory Composition and Reading	4
SPECH 1 Public Speaking	3
Total units required	30

FIRE FIGHTER I ACADEMY

The Fire Fighter I Academy is an intensive training program which academically prepares students for entry-level jobs in the fire fighting field. The California 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)

Students who complete this program should be able to:

1. Analyze the elements of firefighter safety and survival; differentiate fire prevention, firefighting, and the types of fire apparatus.
2. Demonstrate the ability to analyze, appraise and evaluate fire and emergency incidents and identify components of emergency management and fire fighter safety.
3. Demonstrate knowledge and understand of the fire service industry.

Required Course	Units
FIRTC 64A Fire Fighter 1 Academy Module A and FIRTC 64B Fire Fighter 1 Academy Module B	26
Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.	

FIRE TECHNOLOGY-FIREFIGHTER
ACADEMY
(Certificate of Achievement)

Students who complete this program should be able to:

1. Analyze the elements of firefighter safety and survival; differentiate fire prevention, firefighting, and the types of fire apparatus.
2. Demonstrate the ability to analyze, appraise and evaluate fire and emergency incidents and identify components of emergency management and fire fighter safety.
3. Demonstrate knowledge and understand of the fire service industry.

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)	

FIRTC 1	Fire Protection and Emergency Services	3 units
54 lecture hours Transferable to CSU		
Introduction to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection, fire loss analysis; organization and function of public and private fire protection services; fire department as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics.		

FIRTC 2	Fire Prevention Technology	3 units
54 lecture hours Transferable to CSU C-ID FIRE 110X		

This course provides fundamental knowledge relating to the field of fire prevention. Topics include: history and philosophy of fire prevention, organization, and operation of a fire prevention bureau; use and application of fire codes and standards; plans review; fire inspections; fire and life safety education; and fire investigation. (L)

FIRTC 3	Fire Protection Equipment and Systems	3 units
54 lecture hours Transferable to CSU C-ID FIRE 120X		

Provides information relating to the features of design and operation of fire detection and alarm systems, heat and smoke control systems, special protection and sprinkler systems, water supply for fire protection and portable fire extinguishers. (L)

FIRTC 4	Building Construction for Fire Protection	3 units
54 lecture hours Transferable to CSU		

This course provides the components of building construction related to firefighter and life safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, preplanning fire operations, and operating at emergencies. (L)

FIRTC 5	Fire Behavior and Combustion	3 units
54 lecture hours Transferable to CSU		

Theory and fundamentals of how and why fires start, spread, and are controlled; an in-depth study of fire chemistry and physics, fire characteristics of materials, extinguishing agents, and fire control techniques. Not open for credit to students with credit in FIRSC 13. (L)

FIRTC 6	Principles of Fire and Emergency Services Safety and Survival	3 units
54 lecture hours Transferable to CSU		

This course introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services.

FIRTC 64	Firefighter I Academy	26 units
----------	-----------------------	----------

398 lecture hours, 222 lab hours
Other: Must be 18 years of age or older to complete the EMT portion of the class and successfully complete the academy. Physician's clearance is required.

Provides student with the basic skills and knowledge to work in the fire service. The California State Firefighter I curriculum and emergency medical technician (EMT) guidelines will be followed. Provides training in basic concepts including fire department organization, fire control, equipment operation, prevention, protection, hose, nozzles, and breathing apparatus. Includes physical training. (L)

FIRTC 65	Firefighter I Certification Testing	1 unit
4 lecture hours, 48 lab hours		

Prerequisite: Satisfactory completion of FIRTC 64 or a signed statement by the agency's Fire Chief or designee stating the sponsored student has completed all SFT training requirements and skills sheets for FFI.

This course is offered to students that meet the State Fire Training (SFT) requirements to test for the Firefighter I (FFI) including the capstone knowledge and skills required to pass the FFI. Upon successful completion, the student will receive a pass letter from SFT and a FFI pass certificate from the college. Grades are P/NP only.

FIRTC 66	Basic Wildland Firefighter	9 units
129 lecture hours, 90 lab hours		

Prerequisite: Satisfactory completion of HLTH 2; FIRTC 206
Other: Course has additional enrollment fees: Uniforms, Personal Protection Safety Equipment

This course provides the skills and knowledge needed for the entry-level firefighter to perform his/her duties safely, effectively, and competently. The curriculum is based on CAL FIRE policy, the 2013 edition of the NFPA 1001 Standard for Firefighter Professional Qualifications, the 2012 edition of NFPA 1051 Standard of Wildland Firefigher Professional Qualfications, and the 2008 edition of NFPA 472 Standard for Competence of responders to Hazardous Materials/Weapons of Mass Desctruction Incidents. Grades are P/NP only.

FIRTC 69	Firefighter II Academy	4.5 units
70 lecture hours, 50 lab hours		

Prerequisite: Satisfactory completion of FIRTC 64; EMT 61
Other: Course has additional enrollment fees: State Fire Training Certification fees, Personal Protection Safety Equipment

The course provides the skills and knowledge needed for the fire fighter to take on increased leadership roles and responsibilites pertaining to fire department communications, fireground operations, rescue operations, and fire and life safety initiatives, preparedness, and maintenance.

FIRTC 84 Low Angle Rope
Rescue Operations 1 unit

12 lecture hours, 12 lab hours
Designed primarily for those working in the fire service, but is open to anyone. This course will equip the student with the techniques and methods for using rope, webbing, hardware friction devices, and litters in low angle rescues. Areas covered include: rope and related equipment, anchor systems, safety lines, stretcher lashing and rigging, mechanical advantage systems along with single line and two line rescue systems. Upon successful completion of the course, students will receive State Fire Marshal certification. Grades are P/NP. (L)

FIRTC 206 Hazardous Materials-FRO 1 unit
20 lecture hours, 4 lab hours

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

FRNCH 1 Elementary French,
Part 1 4 units

72 lecture hours
Transferable to CSU/UC
Focuses on the development of listening, speaking, reading and writing French, as well as the fundamentals of French grammar. The relationship of the language to French civilization and the culture of the French-speaking world is given special attention. This course is equivalent to one year of high school French.

FRNCH 2 Elementary French,
Part 2 4 units

72 lecture hours
Transferable to CSU/UC
Prerequisite: Satisfactory completion of: FRNCH 1 or. Other: Prerequisite: One year of high school French. or Placement exam: Students must score 70% or higher on a placement test administered by the Foreign Language Department. Or by placement exam
Transferable to CSU
A continuation of French 1. Provides further basic communication skills through listening, speaking, reading and writing. It includes practice at the intermediate level and review of the fundamentals of French grammar. (L)

GENERAL BUSINESS
(See Business)

General
Education

The General Education area major is approved by the California Community College Chancellor's Office and is designed to provide students with the opportunity to earn an Associate in Arts or Associate in Science degree in a broad area of study. Students who wish to transfer to a four-year college or university should consult with a counselor prior to beginning one of these majors for appropriate course selection.

Note: These majors will be printed on the diploma. One of these General Education degrees may be earned.

For the General Degree, you will need to complete one of the five areas listed. You may select the general education major of:

1. ARTS & HUMANITIES -- Associate in Arts Degree
2. SOCIAL AND BEHAVIORAL SCIENCES -- Associate in Science Degree
3. NATURAL SCIENCE -- Associate in Science Degree
4. COMMUNICATION -- Associate in Arts Degree

ARTS & HUMANITIES
(Associate in Arts Degree):

This degree emphasizes the study of cultural, literary, humanistic activities and artistic expression of human beings. Students will evaluate and interpret the ways in which people through the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation. Students will learn to value aesthetic understanding and incorporate these concepts when constructing value judgments.

Students who complete this program should be able to:
1. Demonstrate an awareness of diverse human responses to the world around them through artistic and cultural creation.
2. Evaluate and interpret the ways in which people through the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation.
3. Value aesthetic understanding and incorporate these concepts when constructing value judgments.

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, 7, 14, 15, 16A, 16B, 17A, 17B
- Humanities 3, 5, 10, 11, 12, 15, 20, 26A, 26B, 31, 33, 34
- Music 1, 1A, 1B, 3, 8A, 8B, 12, 15, 16
- Philosophy 1, 2, 3, 20
- Sign 1, 2, 3
- Spanish 1, 2, 3, 4, 10, 20A, 20B, 35, 36
- Speech 2
- Theatre Arts 10, 33, 34

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

COMMUNICATION
(Associate in Arts Degree):

This degree emphasizes the content of communication as well as the form and should provide an understanding of the psychological basis and social significance of communication. Students will be able to assess communication as the process of human symbolic interaction. Students will also develop skills in the areas of reasoning and advocacy, organization, accuracy, reading and listening effectively. Students will be able to integrate important concepts of critical thinking as related to the development of analysis, critical evaluation, to reason inductively and deductively that will enable them to make important decisions regarding their own lives and society at large.

- Students who complete this program should be able to:
- 1. Demonstrate the Ability to Accomplish Communicative Goals.
 - 2. Create Messages Appropriate to the audience, purpose, and context.
 - 3. Critically Analyze Messages.
 - 4. Apply Ethical Communication Principles and Practices.

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

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

NATURAL SCIENCE
(Associate in Science Degree):

This degree allows the student to take courses that will prepare them for possible majors within the fields of science, including the allied Health fields, nursing preparation, health science and related fields, pre-med and more.

- Students who complete this program should be able to:
- 1. Analyze data effectively using current technology.
 - 2. Communicate scientific ideas and principles clearly and effectively.
 - 3. Analyze and apply fundamental mathematical, physical, and chemical concepts and techniques to scientific issues.
 - 4. Apply fundamental concepts and techniques.
- Students must complete 18 units from at least three of the areas listed below. At least one course MUST be selected from Mathematics or Statistics. Courses must be completed with a “C” or higher grade.

- Anthropology 1
- Astronomy 1,11
- Biology 1, 2, 3, 4, 5, 6, 10, 10L, 11, 15, 25
- Chemistry 1A, 1B, 2A, 2B, 10
- Ecology 10, 11, 12
- Geography 1
- Geology 10, 10L, 11L
- Mathematics 1A, 1B, 9, 10, 15, 16, 21, 25
- Physical Science 10A, 10B, 10C
- Physics 2A, 2B, 3A, 3B, 4A, 4B
- Plant Science 20, 20L, 22, 22L
- Statistics 1

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

Geography

GEOG 1 Physical Geography 3 units
54 lecture hours
Transferable to CSU/UC
C-ID GEOG 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 5 World Regional Geography 3 units
54 lecture hours
Transferable to CSU/UC

Survey of the world’s culture regions and nations as interpreted by geographers, including physical, cultural, and economic features. Emphasis on spatial and historical influences on population growth, transportation networks, and natural environments. Identification and importance of the significant features of regions.

SOCIAL AND BEHAVIORAL
SCIENCES
(Associate in Science Degree):

This degree emphasizes the perspective, concepts, theories and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and as members of a larger society. Topics and discussion to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate.

- Students who complete this program should be able to:
- 1. Employ concepts and research methodologies from a variety of social and behavioral science disciplines.
 - 2. Demonstrate understanding of how the self is shaped by membership in modern society.
 - 3. Demonstrate understanding of and ability to delineate how different social subgroups have responded to their societies under different historical and cultural conditions.


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, 14, 15, 16A, 16B, 17A, 17B
- Mass Communications 2
- Political Science 1
- Psychology 1A, 12, 22, 31, 33, 41, 46
- Sociology 1, 2, 5, 10, 30
- Speech 8

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

Geology

Geology is an interdisciplinary science that combines geological observations and concepts with those of physics, chemistry, biology and mathematics in order to study the earth, its physical environments, and its history. By studying rocks, fossils, and minerals, and by learning to read and interpret maps, geologists seek to understand those geologic principles and processes that shape the earth and its environment.



Geology
(Associate in Science for Transfer)

Students who complete this program should be able to:

1. Identify basic rock types and describe the formation environment.
2. Describe the geologic time scale and significant earth events that define eras, periods, and epochs.
3. Describe the unique tectonic evolution of California and its major geologic provinces.

Required Courses	Units
Required Courses	
GEOL 10L Physical Geology	4
GEOL 11L Historical Geology	4
CHEM 1A General Chemistry	5
CHEM 1B General Chemistry	5
MATH 1A Single Variable Calculus 1 -- Early Transcendentals	4
MATH 1B Single Variable Calculus II -- Early Transcendentals	4
Total units required for degree major	26
<i>Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC (CSU version), all courses in the major with "C" or better grades, and achieve a minimum transferable cumulative GPA of 2.0.</i>	

GEOL 10L

Physical Geology

4 units

54 lecture hours, 54 lab hours

Transferable to CSU/UC - UC Unit Limit

C-ID GEOL 101

Physical geology introduces the processes that are at work changing the Earth today. Covers rocks and minerals, volcanoes, earthquakes and plate tectonics. It also examines how water and wind shape the Earth's surface. Not open for credit to students with credit in GEOL 10. (L)

GEOL 11L

Historical Geology

4 units

54 lecture hours, 54 lab hours

Transferable to CSU/UC

C-ID GEOL 111

Historical Geology is the study of the evolution of life and landforms through geologic time through the examination of the rock record. In this course one will learn how the study of fossils, rocks, tectonic processes, and geologic structures can provide us with information regarding Earth's geologic and biologic history. (L)

GEOL 12

Oceanography

3 units

54 lecture hours

Transferable to CSU/UC

General introduction to the basic principles of oceanography including the study of geological, physical, and chemical oceanography. Topics will include the origin of Earth and the oceans, plate tectonics, marine provinces, sediment, seawater, composition and geochemical distributions, surficial and deep-water oceanic circulation, waves, tides, coastal erosion and deposition, marine ecosystems, and human's effects on the oceans. (L)

GEOL 20

Geology of California

3 units

54 lecture hours

Transferable to CSU/UC

C-ID GEOL 200

General introduction to the geological sciences with emphasis on the geology of California. Topics covered will include the tectonic provinces, landforms, natural resources, geologic history, natural hazards, and related geologic environmental problems in the state. (L)

GEOL 40

**Regional Geology -
Sierra Nevada**

v1-2 units

16.2 lecture hours, 5.4 lab hours (1 unit)

32.4 lecture hours, 10.8 lab hours (2 units)

Transferable to CSU

This field course focuses on the geology of the Sierra Nevada, with an emphasis on the tectonic and 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.

GEOL 41

**Regional Geology -
Field Trip**

v1-3 units

18 lecture hours (1 unit)

36 lecture hours (2 units)

54 lecture hours (3 units)

Transferable to CSU

This field course provides an opportunity to explore specific areas of geologic interest. Tectonic setting, sedimentary processes and rock formation will be emphasized. Trip location will vary depending on season and accessibility. Varying amounts of hiking will be required depending on the location. Students are responsible for the costs of meals, transportation, and camping or lodging.

GEOL 42

**Regional Geology -
California Volcanoes**

v1-3 units

12 lecture hours, 12 activity hours (1 unit)

24 lecture hours, 24 activity hours (2 units)

36 lecture hours, 36 activity hours (3 units)

Transferable to CSU

This field course provides an opportunity to explore a specific site of volcanic interest in California. The course will explore the tectonic setting, the rock cycle, weather and erosion, and topics specific to volcanoes. Trip location will vary depending on season and accessibility. Varying amounts of hiking will be required depending on the location. Students are responsible for the costs of meals, transportation, and camping or lodging.

GEOL 43

**Regional Geology -
California Coasts**

v1-3 units

16.2 lecture hours, 5.4 lab hours (1 unit)

32.4 lecture hours, 10.8 lab hours (2 units)

48.6 lecture hours, 16.2 lab hours (3 units)

Transferable to CSU

This field course provides an opportunity to explore a specific area of coastal interest in California. The course will explore the tectonic setting, the rock cycle, weather and erosion, and topics specific to coastlines. Trip location will vary depending on season and accessibility. Varying amounts of hiking will be required depending on the location. Students are responsible for the costs of meals, transportation, and camping or lodging.

GEOL 44

**Regional Geology -
California Deserts**

v1-3 units

16.2 lecture hours, 5.4 lab hours (1 unit)

32.4 lecture hours, 10.8 lab hours (2 units)

48.6 lecture hours, 16.2 lab hours (3 units)

Transferable to CSU

This course will explore one or multiple desert locations specific to California. Content will focus on specific features of geologic interest, and will include geographic features. Historical climates will also be considered as well as human impact and preservation.

GEOL 45

**Regional Geology -
Field Trip**

v1-3 units

16.2 lecture hours, 5.4 lab hours (1 unit)

32.4 lecture hours, 10.8 lab hours (2 units)

48.6 lecture hours, 16.2 lab hours (3 units)

Transferable to CSU

This field course provides an opportunity to explore specific areas of geologic interest. Tectonic setting, sedimentary processes and rock formation will be emphasized. Trip location will vary depending on season and accessibility.

Health Education

HLTH 1 Health and Life Style Choices 3 units

54 lecture hours
Transferable to CSU/UC - UC Unit Limit
This course focuses on health and wellness concepts important in making informed choices about one's physical, mental, and emotional well-being. A personal approach to health and wellness will be explored through self-assessment and practical application to every day life. Topics such as fitness, obesity, weight management, nutrition, stress, substance use and abuse, prevention of diseases, sexual health, relationships, mental health, cardiovascular disease, cancer, and healthy aging will be discussed.

HLTH 2 First Aid & Cardiopulmonary Resuscitation 1 unit

18 lecture hours
Transferable to CSU
Learn the skills needed for standard First Aid and Cardiopulmonary Resuscitation/AED. This course is highly recommended for volunteer coaches, parents, child care givers and individuals who are interested in helping save lives. Upon successful completion of the course, students may receive a Red Cross certification card. Students will have an additional fee to receive the American Red Cross CPR card.

HLTH 3 First Aid and CPR for Kinesiology Majors 3 units

54 lecture hours
Transferable to CSU/UC
C-ID KIN 101
This course involves the theory and detailed demonstration of the first aid care of the injured. The student will learn to assess a victim's condition and incorporate proper treatment. Standard first aid, CPR, and AED certification(s) will be granted upon successful completion of requirements. Grades are P/ NP option.

HLTH 4 Psychosocial Health 3 units

54 lecture hours
Transferable to CSU/UC - UC Unit Limit
Explores how attitudes and emotions affect physical health along with emotional health, and how psychosocial health can play a role in prevention of disease. This class presents current research on the link between the mind and the body. (L)

HLTH 5 Sport Psychology 3 units

54 lecture hours
Transferable to CSU/UC
Provides a concentrated study of human behavior in the context of participating in sport and how behavior (performance) is affected by other sources. Includes study about motivation, the brain's impact on performance, stress, goal setting, sport imagery and current research into sport performance.

HLTH 10 Principles of Nutrition 3 units

54 lecture hours
Transferable to CSU/UC
In-depth study of nutrients and their functions, chemical composition of foods and their utilization in the body. Course topics such as weight loss, sports nutrition, food safety, the diet-disease relationship, global nutrition, and individual's nutritional needs throughout the life cycle are emphasized. Course includes assessment of the student's own nutritional health.

HLTH 13 Nutrition and Life Fitness 3 units

54 lecture hours
Transferable to CSU/UC
The analysis and evaluation of current practices and theories regarding nutrition and exercise and their relationship to weight control and physical fitness. Individualized exercise prescription and nutritional analysis will be completed by each student. (L)

History

The Associate in Arts in History for Transfer degree provides students with the opportunity to complete their freshman/sophomore level classes needed for a Bachelor's degree in History within the California State University System. Upon completion of the Associate in Arts in History for Transfer degree, students will be able to use knowledge of the past and accumulated analytical and critical thinking skills to gain perspective on current social, political, and economic dynamics and apply any conclusions about the past and present to the process of creating better local, national, and global societies.

History is a study of the past. The past not only defines our lives, society, and the world we live in today, but shapes the pathway to the future. Students of history study individuals, groups, communities, nations, people, and cultures from different times and places. Many different methods are applied to effectively learn about history. History students examine the past through different perspectives and apply various analytical techniques to raise questions and think critically about the past. In addition to learning about amazing events, history provides us with a better understanding of our present lives.



HISTORY (Associate in Arts for Transfer)

- Students who complete this program should be able to:
1. Demonstrate a breadth and depth of historical knowledge including but not limited to analysis of historical evidence to evaluate the causes and effects of key turning points in the human experience.
 2. Examine the experiences of various people throughout time and space and their significance to global development.
 3. Demonstrate an understanding of the ways in which modern day people are profoundly impacted by historical events and how an appreciation of the past should inform how we approach contemporary issues.

Required Courses	Units
Required Courses (6 units)	
HIST 17A United States History	3
HIST 17B United States History	3

List A: Must complete 6 units from one of the following: History of Western Civilization 4A and 4B or World Civilizations 5A and 5B
Course Block Units: (6 Required):

HIST 4A Western Civilization or	3
HIST 5A World Civilizations	3
HIST 4B Western Civilization or	3
HIST 5B World Civilizations	3

List B: Must complete 3 semester units from Group 1 and 3 semester units from Group 2
Group 1: Select HIST 5A World Civilizations or HIST 5B World Civilizations if not already used in List A or select one course from the following:

HIST 7 Indians of North America	3
HIST 14 Asian-American History	3
HIST 15 Mexican-American History	3
HIST 16A African-American History to 1865	3
HIST 16B African-American History	3
HIST 29 Women in American History	3

Group 2: Select any course from List A if not already used or select one course from the following:

ANTHR 2 Cultural Anthropology	3
ECON 1A Elementary Economics-Macro	3
ECON 1B Elementary Economics-Micro	3
HUMAN 10 Introduction To Western Humanities	3
HUMAN 11 Art, Literature and Music in Humanities.....	3
POLSC 1 Introduction to American Government.....	3
POLSC 2 Comparative Politics.....	3
SOCIL 1 Introduction to Sociology	3
SOCIL 5 Sociology of Race and Ethnicity	3
HUMAN 31 Asian-American Humanities & Cultures or	3
ASIAN 31 Asian-American Humanities and Cultures	3
Total units required for degree major	18

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC (CSU version), all courses in the major with "C" or better grades, and achieve a minimum transferable cumulative GPA of 2.0.

HISTORY (Associate in Arts)

- Students who complete this program should be able to:
1. Demonstrate a breadth and depth of historical knowledge including but not limited to analysis of historical evidence to evaluate the causes and effects of key turning points in the human experience.
 2. Examine the experiences of various people throughout time and space and their significance to global development.
 3. Demonstrate an understanding of the ways in which modern day people are profoundly impacted by historical events and how an appreciation of the past should inform how we approach contemporary issues.

Required Courses	Units
Required Courses (6 units)	
HIST 17A United States History	3
HIST 17B United States History	3

List A: Must complete (6) units from the following:

HIST 4A Western Civilization.....	3
HIST 4B Western Civilization	3
HIST 5A World Civilizations.....	3
HIST 5B World Civilizations.....	3

List B: Must complete 6 semester units of any history course (including List A courses, if not used above) or any non-history course from the humanities or social sciences related to history articulated as fulfilling CSU GE Area C or D:

HIST 7 Indians of North America	3
HIST 14 Asian-American History	3
HIST 15 Mexican-American History	3
HIST 16A African-American History to 1865.....	3
HIST 16B African-American History	3
HIST 29 Women in American History	3
ECON 1A Elementary Economics-Macro	3
ECON 1B Elementary Economics-Micro	3
HUMAN 10 Introduction To Western Humanities	3
POLSC 1 Introduction to American Government.....	3
SOCIL 1 Introduction to Sociology	3
SOCIL 5 Sociology of Race and Ethnicity	3
Total units required for degree major	18

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

HIST 4A <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> <i>C-ID HIST 170</i> Broad historical study of the major elements of the western tradition from earliest times to the Eighteenth century. Introduction of ideas, values, and institutions basic to Western civilizations. (L)	Western Civilization	3 units
HIST 4B <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> <i>C-ID HIST 180</i> Historical study of the major elements of the western experience from the Eighteenth century to the present. Includes major political and social developments that have revolutionized the modern mode of human existence. (L)	Western Civilization	3 units
HIST 5A <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> <i>C-ID HIST 150</i> Survey of the experience of all peoples with vastly different cultures inhabiting a single globe. Emphasizes the emergence of human communities, formation of complex societies, development of major belief systems and interaction with the environment based on experience, knowledge, and technology to c. 1500. (L)	World Civilizations	3 units
HIST 5B <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> <i>C-ID HIST 160</i> This course covers the experience of all the world’s people from the early modern era to the present. Emphasis is upon the interaction of people with the environment based on the development of technology and conflict between traditional systems and new(er) orders. (L)	World Civilizations	3 units
HIST 7 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> Survey history of Indians of the United States and Canada from pre-Columbian societies through European conquest to modern day. Not open for credit to students with credit in NATAM 7 or ETHN 7. (L)	Indians of North America	3 units
HIST 14 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> Chronological study of Asian-Americans from the early immigrants to recent arrivals. Emphasis on Chinese, Kanaka, East Indian, Japanese, Korean and Filipino-Americans and the boat people (Cambodians, Laotians and Vietnamese). Not open for credit to students with credit in ASIAN 14. (L)	Asian-American History	3 units

HIST 15 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> Historical development of Mexican Americans from Mexican origin, settlement in the United States, to the present time. Emphasis is given to the pre-Columbian setting, the indigenous heritage, European conquest and legacy, distinctive colonial institutions, and the growth of independence movements in the United States and Mexico. Major political, social, economic, and cultural factors will be presented, focusing on the roles played by diverse peoples and cultures who share in the development of the United States and Mexico. Satisfies CSU Title 5, Section 40404, U.S. History, Constitution, and American Ideals requirement when <u>both</u> HIST 15 <u>and</u> POLSCI 1 are completed. Not open for credit to students who have completed ETHN 15 or LARAZ 15. (L)	Mexican-American History	3 units
HIST 16A <i>54 lecture hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Survey of African-American history from pre-colonial period to the Civil War. Not open to student with credit in AFRO 16A (Ethnic Studies). (L)	African-American History to 1865	3 units
HIST 16B <i>54 lecture hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Survey of African American history from Civil War to the present. Not open for credit to students with credit in AFRO 16B (Ethnic Studies). (L)	African-American History	3 units
HIST 17A <i>54 lecture hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> <i>C-ID HIST 130</i> Survey of U.S. history tracing the political, social, economic, and cultural development of American ideals and actions from the Pre-Revolutionary Period through the Civil War and Reconstruction Eras. Satisfies CSU Title V, Section 40404, U.S. History, Constitution, and American Ideals requirement when both HIST 17A and POLSC 1 are completed. (L)	United States History	3 units
HIST 17B <i>54 lecture hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> <i>C-ID HIST 140</i> Political, social, economic, and cultural history of the United States from the Industrial Revolution to the present. Focuses on the ideals, decisions, forces, institutions, individuals, events, and processes that affected the continuity and change during this time. Satisfies CSU Title V, Section 40404, U.S. History, Constitution, and American Ideals requirement when both HIST 17B and POLSC 1 are completed. (L)	United States History	3 units
HIST 29 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> General introduction to the history of women in America from colonial times to the present. Emphasis on the changing political, economic, social and ethnic history. Not open for credit to students with credit in WOMEN 29. Grades are P/ NP option. (L)	Women In American History	3 units

Human Services

CHEMICAL DEPENDENCY COUNSELOR (Associate in Science)

Students who complete this program should be able to:
1. Perform clinical evaluations which is the systematic approach to screening and assessment of individuals thought to have a substance use disorder; being considered for admission to addiction-related services, or presenting in a crisis situation.
2. Develop treatment plans which are a collaborative process in which professionals and the client develop a written document that identifies important treatment goals; describes measurable, time-sensitive action steps toward achieving those goals with expected outcomes; and reflects a signed agreement between a counselor and client.
3. Provide client, family, and community education which is the process of providing clients, families, significant others, and community groups with information on risks related to psychoactive substance use, as well as available prevention, treatment, and recovery resources.
4. Uphold professional standards and ethical responsibilities which are the obligations of an addiction counselor to adhere accepted ethical and behavioral standards, conduct, and professional development.

Required Courses	Units
HUSEV 20 Introduction to Chemical Dependency Studies .3	
HUSEV 21 Introduction to Physiological/ Psychological Effects of Drugs of Addiction.....	3
HUSEV 22 Introduction to Development/Progression of Addictive Patterns of Behavior	3
HUSEV 23 Basic Law/Ethics for Chem. Dep. Couns.	3
HUSEV 24 Case Management/Psychopathology	3
HUSEV 25 Basic Chemical Dependency Counseling	3
*HUSEV 26A AND 26B Supervised Field Work Practicum (Internship)	7
Total units required for degree major	25

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

*Practicum consists of 300 hours, 255 hours field and 45 hours 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 a certified internship. The 255 practicum hours count toward further internship requirements.

CHEMICAL DEPENDENCY COUNSELOR (Certificate of Achievement)	
<i>Students who complete this program should be able to:</i> 1. Perform clinical evaluations which is the systematic approach to screening and assessment of individuals thought to have a substance use disorder; being considered for admission to addiction-related services, or presenting in a crisis situation. 2. Develop treatment plans which are a collaborative process in which professionals and the client develop a written document that identifies important treatment goals; describes measurable, time-sensitive action steps toward achieving those goals with expected outcomes; and reflects a signed agreement between a counselor and client. 3. Provide client, family, and community education which is the process of providing clients, families, significant others, and community groups with information on risks related to psychoactive substance use, as well as available prevention, treatment, and recovery resources. 4. Uphold professional standards and ethical responsibilities which are the obligations of an addiction counselor to adhere accepted ethical and behavioral standards, conduct, and professional development.	
Required Courses	Units
HUSEV 20 Introduction to Chemical Dependency Studies .3	
HUSEV 21 Intro/Physiological/Psychological Effects of Drugs of Addiction	3
HUSEV 22 Intro/Development/Progression of Addictive Patterns of Behavior	3
HUSEV 23 Basic Law/Ethics for Chemical Dependency Counselor.....	3
HUSEV 24 Introduction to Case Management/ Psychopathology.....	3
HUSEV 25 Basic Chemical Dependency Counseling	3
*HUSEV 26A AND 26B Supervised Field Work Practicum (Internship)	7
Electives (Select 6 units from the following)	6
Category I – 3 units required	
HUSEV 30 Adult Children of Alcoholics.....	1
HUSEV 31 Family Treatment Approaches	1
HUSEV 32 Relationship Addiction/Co-Dependency.....	1
HUSEV 33 Self-Awareness: Key to Non-Addictive Behavior..	1
HUSEV 34 Gender Differences Related to Substance Abuse	1
HUSEV 35 Addiction and Domestic Violence	1
HUSEV 36 Chemical Dependency Prevention in Schools ..	1
HUSEV 37 Drug-Free Workplace: Employee Assist Programs	1
Category II – 3 units required	
HUSEV 10 Introduction to Human Services	3
PSYCH 1A General Psychology	3
SOCIL 1 Introduction to Sociology	3
Total units required	31
*Practicum consists of 300 hours, 255 hours field and 45 hours 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 a certified internship. The 255 practicum hours count toward further internship requirements.	

HUSEV 10	Introduction to Human Services	3 units	HUSEV 24	Introduction to Case Management	3 units
54 lecture hours Transferable to CSU			54 lecture hours Transferable 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)			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 11	Understanding Diverse Racial & Ethnic Cultures	3 units	HUSEV 25	Basic Chemical Dependency Counseling	3 units
54 lecture hours Transferable to CSU			54 lecture hours Transferable 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)			Broad overview of the counseling methods used in treating chemical dependency. An introduction to counseling theories and specific techniques used in the treatment; i.e., psycho-dynamic, behavioral, cognitive-behavioral, multi-modal, client centered, couples and family counseling. Case histories and specific theories will be analyzed. Not open for credit to students with credit in HUSEV 55. (L)		
HUSEV 20	Introduction to Chemical Dependency Studies	3 units	HUSEV 26A	Supervised Field Work Practicum	2 units
54 lecture hours Transferable to CSU			18 lecture hours, 66 lab hours Transferable 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)			Prerequisite: HUSEV 23		
HUSEV 21	Introduction to Physiological and Psychological Effects of Drug Abuse	3 units			
54 lecture hours Transferable to CSU			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 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)		
An introduction and overview focused on drug action and disposition of the major drugs of abuse; ethanol, 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	HUSEV 26B	Supervised Field Work Practicum	5 units
54 lecture hours Transferable to CSU			27 lecture hours, 189 lab hours Prerequisite: HUSEV 25 and HUSEV 26A		
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)			Transferable to CSU		
HUSEV 23	Legal/Ethical Aspects of Human Services	3 units			
54 lecture hours Transferable 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 56B. (L)		
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 28	Skills and Techniques of Group Counseling	3 units
			54 lecture hours Transferable 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 included are communication skills in a group setting, theories of group counseling, best practices, guidelines and diversity issues. Grades are P/NP option. (L)		

HUSEV 30	Adult Children of Alcoholics	1 unit
18 lecture hours Transferable to CSU		
Exploration of techniques, concepts and behavioral guidelines for identifying the consequences of parental alcoholism/addiction. Principles of modeling, shaping, reinforcement and extinction of dysfunctional behavioral patterns learned in childhood will be described. Not open for credit to students with credit in HUSEV 60. (L)		
HUSEV 31	Family Treatment Approaches	1 unit
18 lecture hours Transferable to CSU		
An examination of the systems approach in chemical dependency counseling as it relates to dysfunctional, addictive families. Not open for credit to students with credit in HUSEV 61. (L)		
HUSEV 32	Relationship Addiction/ Co-dependency	1 unit
18 lecture hours Transferable to CSU		
Identification of co-dependent behavior and the effects of these behaviors on relationships; assessment of healthy vs. unhealthy relationships on a continuum. Not open for credit to students with credit in HUSEV 62. (L)		
HUSEV 33	Self Awareness: The Key to Non-Addictive Behavior	1 unit
18 lecture hours Transferable to CSU		
Emphasis on techniques to build a healthy relationship with oneself as fundamental for releasing addictive behavior patterns. Not open for credit to students with credit in HUSEV 63. Grades are P/NP. (L)		
HUSEV 35	Addiction and Domestic Violence	1 unit
18 lecture hours Transferable to CSU		
An overview of factors contributing to and eliciting explosive behavior responses in adults and children where substance abuse occurs in the home. Not open for credit to students with credit in HUSEV 65. Grades are P/NP. (L)		

Humanities

Humanities is the study of making connections, a quest to understand “life in all of its manifestations.” Art, sculpture, architecture, myth, religion, music, philosophy, and literature all provide a mirror to reflect the characteristics of a culture, its values, themes, and visions. Each is part of the web of life, giving insight into the totality.

Humanities seeks to explore the vital creativity and instinct of artists who brought about new insights in emerging cultures, the creative geniuses that helped to forge innovative ideas and modes of understanding, the creation and focus of religions that tapped the depths of the human spirit, philosophies and modes of thinking that shaped the consciousness of humankind, and the architecture that brought new ideas to form.

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. (L)

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. (L)

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. (L)

HUMAN 20 Introduction to World Myth 3 units

54 lecture hours
Transferable to CSU/UC
Compares and contrasts ethnic and universal messages of myth. Explores life’s great themes across many cultures. This class will cover myths from around the world, including at least four of the following cultures each semester: India, Mesopotamia, Africa, North and South America, Celtic, Nordic, East Asia, and others. (L)

HUMAN 26A 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 Twentieth Century art world. Not open for credit to students with credit in ART 3A. Grades are P/NP option.

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. Not open for credit to students with credit in ART 3B. Grades are P/NP option.

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. (L)

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. (L)

INFORMATION TECHNOLOGY (see Business)

Internship

INTRN 45A First Semester Internship v.5-8 units

30-600 lab hours
Prerequisite: Must have local paid employment (75 hours per unit) or a volunteer position (60 hours per unit) related to the student’s major; student’s supervisor must agree to participate in the program, which entails communicating and meeting with college staff (Work Experience Mentor), assisting the student in writing and completing learning objectives, verifying the student’s hours, evaluating the student, and otherwise training/ guiding the student.

Transferable to CSU
Coordination of introductory on-the-job learning within a career path and college major to improve employment skills and career opportunities through supervised paid employment or volunteer experience. Students may enroll in 1-8 units. Students enrolling in this class are not eligible for other Cooperative Work Experience Education (CWEE) or Internship (INTRN) classes during the same semester. Students may not exceed sixteen (16) units in the combination of CWEE and INTRN classes. Grades are P/NP only.

INTRN 45B Second Semester Internship v.5-8 units

30-600 lab hours
Prerequisite: Satisfactory completion of CWEE 45A or CWEE 45B or INTRN 46 or INTRN 45A and must have local paid employment (75 hours per unit) or a volunteer position (60 hours per unit) related to the student’s major; student’s supervisor must agree to participate in the program, which entails communicating and meeting with college staff (Work Experience Mentor), assisting the student in writing and completing learning objectives, verifying the student’s hours, evaluating the student, and otherwise training/guiding the student.

Transferable to CSU
Coordination of intermediate on-the-job learning within a career path and college major to improve employment skills and career opportunities through supervised paid employment or volunteer experience, progressive from the first semester. Students may enroll in 1-8 units. Students enrolling in this class are not eligible for other Cooperative Work Experience Education (CWEE) or Internship (INTRN) classes during the same semester. Students may not exceed sixteen (16) units in the combination of CWEE and INTRN classes. Grades are P/NP only.

INTRN 45C Third Semester Internship v.5-8 units

30-600 lab hours
Prerequisite: Satisfactory completion of INTRN 45B and must have local paid employment (75 hours per unit) or a volunteer position (60 hours per unit) related to the student’s major; student’s supervisor must agree to participate in the program, which entails communicating and meeting with college staff (Work Experience Mentor), assisting the student in writing and completing learning objectives, verifying the student’s hours, evaluating the student, and otherwise training/guiding the student.

Transferable to CSU
Coordination of intermediate on-the-job learning within a career path and college major to improve employment skills and career opportunities through supervised paid employment or volunteer experience, progressive from the first and second semesters. Students may enroll in 1-8 units. Students enrolling in this class are not eligible for other Cooperative Work Experience Education (CWEE) or Internship (INTRN) classes during the same semester. Students may not exceed sixteen (16) units in the combination of CWEE and INTRN classes. Grades are P/NP only.

INTRN 45D Fourth Semester Internship v.5-8 units

30-600 lab hours
Prerequisite: Satisfactory completion of INTRN 45C and must have local paid employment (75 hours per unit) or a volunteer position (60 hours per unit) related to the student’s major; student’s supervisor must agree to participate in the program, which entails communicating and meeting with college staff (Work Experience Mentor), assisting the student in writing and completing learning objectives, verifying the student’s hours, evaluating the student, and otherwise training/guiding the student.

Transferable to CSU
Coordination of intermediate on-the-job learning within a career path and college major to improve employment skills and career opportunities through supervised paid employment or volunteer experience, progressive from the first through third semesters. Students may enroll in 1-8 units. Students enrolling in this class are not eligible for other Cooperative Work Experience Education (CWEE) or Internship (INTRN) classes during the same semester. Students may not exceed sixteen (16) units in the combination of CWEE and INTRN classes. Grades are P/NP only.

Kinesiology

Family of Classes restrictions on page 156.

The Associate in Arts in Kinesiology for Transfer degree is designed to prepare students with the opportunity to complete their freshman/sophomore level classes required for a Bachelor's degree in Kinesiology within the California State University System (CSU). Upon completion of the Associate in Arts in Kinesiology degree, students will be prepared for transfer to a CSU for studies in Physical Therapy, Kinesiology, Pre-Medicine, and Exercise Science programs.



KINESIOLOGY (Associate in Arts for Transfer)

Students who complete this program should be able to:

1. Examine and evaluate physical activities and their relationship to wellness and fitness.
2. Demonstrate proficiency of skills needed in activities commonly included in human movement programs.
3. Analyze theoretical approaches and major concepts of health and nutrition.
4. Demonstrate knowledge and apply the fundamental rules and regulations of a variety of sports.

Required Courses	Units
Select two courses (minimum 6 units) from the following courses:	
CHEM 1A General Chemistry OR	5
CHEM 2A Introductory Chemistry.....	5
HLTH 3 First Aid and CPR for Kinesiology Majors	3
PHYS 2A General Physics AND	3
PHYS 3A General Physics Laboratory.....	1
STAT 1 Introduction To Statistical Methods	4
BIOL 15 Bioscience OR.....	4
BIOL 10L General Biology OR.....	4
BIOL 24L Human Biology with Laboratory	4
Select one course from three of the four following movement-based areas (minimum 4.5 units):	
KINES 1.71 Basketball OR.....	1.5
KINES 1.75 Soccer OR	1.5
KINES 1.77 Volleyball-Beginning OR.....	1.5
KINES 1.78 Grass Doubles Volleyball OR	1.5
KINES 1.79 Volleyball-Intermediate	1.5
Required core courses (11 units):	
BIOL 4 Human Anatomy.....	4
BIOL 5 Human Physiology	4
KINES 20 Introduction to Kinesiology.....	3
Choose one course from the following individual sport courses:	
KINES 1.24 Bowling OR.....	1.5
KINES 1.25 Badminton OR	1.5
KINES 1.31 Golf-Beginning OR	1.5
KINES 1.33 Golf-Advanced	1.5

Choose one course from the following fitness courses:

KINES 1.21 Aerobic Exercise.....	1.5
KINES 1.22 Step Aerobics.....	1.5
KINES 1.26 Body Toning	1.5
KINES 1.27 Fitness Walking/Jogging.....	1.5
KINES 1.34 Boot Camp Fitness	1.5
KINES 1.36 Yoga.....	1.5
KINES 1.37 Club Fitness.....	1.5
KINES 1.57 Weight Training-Beginning.....	1.5
KINES 1.57B Weight Training-Intermediate	1.5
KINES 1.59 Weight Training-High Intensity.....	1.5
KINES 4 Low Impact Fitness.....	1.5

Select one course from the following dance courses:

KINES 1.42 Dance Techniques-Beginning	1.5
KINES 1.43 American Style Swing and Latin Dance.....	1.5

Total units required for degree major..... 21.5-24.5

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC (CSU version), all courses in the major with "C" or better grades, and achieve a minimum transferable cumulative GPA of 2.0.

KINESIOLOGY (Associate in Arts)

Students who complete this program should be able to:

1. Examine and evaluate physical activities and their relationship to wellness and fitness.
2. Demonstrate proficiency of skills needed in activities commonly included in human movement programs.
3. Analyze theoretical approaches and major concepts of health and nutrition.
4. Demonstrate knowledge and apply the fundamental rules and regulations of a variety of sports.

Required Courses	Units
Health and Wellness: Choose 12 units from the following courses listed:	
HLTH 1 Health and Life Style Choices	3
HLTH 3 First Aid and CPR for Kinesiology Majors	3
HLTH 4 Psychosocial Health	3
HLTH 5 Sport Psychology	3
HLTH 10 Principles of Nutrition	3
HLTH 13 Nutrition and Life Fitness.....	3
KINES 20 Introduction to Kinesiology.....	3
KINES 26 Care and Prevention of Athletic Injuries.....	3
Kinesiology: Choose 9 units from the following courses listed:	
KINES 1.21 Aerobic Exercise	1.5
KINES 1.22 Step Aerobics.....	1.5
KINES 1.24 Bowling	1.5
KINES 1.25 Badminton.....	1.5
KINES 1.26 Body Toning.....	1.5
KINES 1.27 Fitness Walking/Jogging	1.5
KINES 1.31 Golf-Beginning	1.5
KINES 1.33 Golf-Advanced	1.5
KINES 1.34 Boot Camp Fitness	1.5
KINES 1.36 Yoga.....	1.5
KINES 1.37 Club Fitness.....	1.5
KINES 1.57 Weight Training-Beginning.....	1.5
KINES 1.57B Weight Training - Intermediate	1.5
KINES 1.59 High Intensity Weight Training	1.5
KINES 1.42 Dance Techniques-Beginning	1.5
KINES 1.43 American Style Swing and Latin Dance.....	1.5
KINES 1.71 Basketball	1.5
KINES 1.75 Soccer.....	1.5
KINES 1.76 Advanced Soccer.....	1.5
KINES 1.77 Volleyball-Beginning	1.5
KINES 1.79 Volleyball-Intermediate	1.5
KINES 4 Low Impact Fitness.....	1.5
KINES 6 Adapted Total Fitness	1.5
KINES 7 Adapted Weight Training and Fitness.....	1.5
KINES 9 Adapted Weight Training and Recreational Activities	1.5
KINES 10 Adapted Yoga and Cardio Fitness	1.5
KINES 21A Analysis of Softball: Offense.....	2
KINES 21B Analysis of Softball: Defense.....	2
KINES 22 Analysis of Basketball.....	2
KINES 24 Analysis of Football.....	2
KINES 28 Analysis of Soccer	2
KINES 29A Analysis of Baseball: Offense.....	2
KINES 29B Analysis of Baseball: Defense	2
Total units required for degree major.....	21
<i>Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.</i>	

KINES 1.21	Aerobic Exercise	1.5 units
<i>13.5 lecture hours, 40.5 lab hours</i>		
<i>Transferable to CSU/UC - UC Unit Limit</i>		
Aerobic exercise designed to develop and/or maintain cardiovascular endurance, muscular strength, flexibility, and coordination through the use of continuous vigorous movements.		
KINES 1.22	Step Aerobics	1.5 units
<i>13.5 lecture hours, 40.5 lab hours</i>		
<i>Transferable to CSU/UC - UC Unit Limit</i>		
Step aerobic exercise designed to develop and/or maintain cardiovascular fitness and endurance, muscular strength and endurance, flexibility and coordination.		
KINES 1.24	Bowling	1.5 units
<i>13.5 lecture hours, 40.5 lab hours</i>		
<i>Transferable to CSU/UC - UC Unit Limit</i>		
Coeducational bowling; the techniques and skills of bowling; emphasis on fundamentals, rules, and etiquette.		
KINES 1.25	Badminton	1.5 units
<i>13.5 lecture hours, 40.5 lab hours</i>		
<i>Transferable to CSU/UC - UC Unit Limit</i>		
Skills and fundamentals in individual and doubles play with an emphasis on rules and etiquette. Grades are P/NP option.		
KINES 1.26	Body Toning	1.5 units
<i>13.5 lecture hours, 40.5 lab hours</i>		
<i>Transferable to CSU/UC - UC Unit Limit</i>		
A full body conditioning and strengthening workout, improving functional strength, flexibility and coordination. Strategies for improving vital core strength.		
KINES 1.27	Fitness Walking/Jogging	1.5 units
<i>13.5 lecture hours, 40.5 lab hours</i>		
<i>Transferable to CSU/UC - UC Unit Limit</i>		
Individualized walking/jogging program designed to improve cardiovascular endurance and muscular strength. Emphasis is on lifetime fitness including the principles of nutrition, fitness and safety.		
KINES 1.31	Golf-Beginning	1.5 units
<i>13.5 lecture hours, 40.5 lab hours</i>		
<i>Transferable to CSU/UC - UC Unit Limit</i>		
Introduction to the basic knowledge and skills of golf, including rules, history, etiquette and the fundamental mechanics involved in the use of irons and woods. Grades are P/NP option.		
KINES 1.33	Golf-Advanced	1.5 units
<i>13.5 lecture hours, 40.5 lab hours</i>		
<i>Transferable to CSU/UC - UC Unit Limit</i>		
Advanced golf techniques will be covered in this course, including proper club selection, chipping, driving and putting. Students learn good course management while developing their short and long game. Grades are P/NP option.		

Programs and Courses

KINES 1.34 <i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Designed to provide the student with a physically intense and challenging fitness class. Training exercise used will include jogging, interval training, obstacle course and a variety of calisthenics designed to enhance muscular strength and endurance. In addition, students will be challenged to understand and apply fitness training principles. The students will train individually, with a partner and/or in a team setting.	Boot Camp Fitness	1.5 units
KINES 1.36 <i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> The history of yoga and development of basic Yoga postures, breathing practices, stretching, and relaxation techniques as a method to improve flexibility, decrease stress and improve physical and mental well-being. Grades are P/NP option.	Yoga	1.5 units
KINES 1.37 <i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Individualized introductory exercises using 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. Grades are P/NP option.	Club Fitness	1.5 units
KINES 1.41 <i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU - UC Unit Limit</i> Methods of falling, throwing, and defense against specified attacks. Avoiding dangerous situations at home and in one's vehicle. Defending oneself using techniques selected from the martial arts. Grades are P/NP option.	Self Defense	1.5 units
KINES 1.42 <i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Introduction to individual techniques of various dance styles: waltz, foxtrot, jitterbug, rhumba, cha-cha, polka, country swing, and two-step. Grades are P/NP option.	Dance Techniques-Beginning	1.5 units
KINES 1.43 <i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Introduction to the four most popular swing dances: East Coast Swing, West Coast Swing, Hustle, and either Jive or Lindy, and four of the most popular Latin dances: Cha Cha, Salsa, Samba, and Tango. Grades are P/NP option.	American Style Swing and Latin Dance	1.5 units
KINES 1.57 <i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Individualized weight training program designed to improve muscular strength and endurance. Emphasis is on lifetime fitness including principles of nutrition, fitness and safety. Grades are P/NP option.	Weight Training-Beginning	1.5 units

KINES 1.57B <i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Individual weight conditioning for intermediate level students. Emphasis will be on learning proper use of machines, free weights, cables and stretching routines. Instruction on form, technique, safety, and muscle development. Participation will increase muscle size, strength, and endurance. Grades are P/NP option.	Weight Training-Intermediate	1.5 units
KINES 1.59 <i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> High intensity training involving 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. Basic nutrition and fitness principles will be covered. Grades are P/NP option.	Weight Training-High Intensity	1.5 units
KINES 1.71 <i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> This is an introductory course to the game of basketball. This course is designed to introduce basic basketball skills, techniques and rules. Emphasis will be placed on fundamentals, etiquette and strategies, as well as an appreciation for a lifetime activity. Grades are P/NP option.	Basketball	1.5 units
KINES 1.75 <i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Techniques, skills, rules, conditioning, and drills for soccer.	Soccer	1.5 units
KINES 1.76 <i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Advanced techniques of soccer including skills and conditioning used to prepare for competitive play.	Advanced Soccer	1.5 units
KINES 1.77 <i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Fundamental skills and techniques for beginning volleyball play including: history, rules of play, officiating, and beginning level offensive and defensive strategies. Grades are P/NP option.	Volleyball-Beginning	1.5 units
KINES 1.78 <i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Fundamental skills and techniques for outdoor grass doubles volleyball, including history, rules of play, officiating, and offensive and defensive strategies. Grades are P/NP option.	Grass Doubles Volleyball	1.5 units

Programs and Courses

KINES 1.79 <i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Fundamental skills and techniques for intermediate volleyball, including history, the rules of play, officiating, and offensive and defensive strategies. Grades are P/NP option.	Volleyball-Intermediate	1.5 units
KINES 3 <i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> 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. Principles of fitness and nutrition. Students with disabilities will be required to show proof of disability from a physician. Grades are P/NP option.	Adaptive Physical Education Gen Cond	1.5 units
KINES 4 <i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Individualized exercise prescription for persons with disabilities in various stages of wellness who are seeking opportunities to improve their fitness levels. Program includes exercise to improve posture, aerobics, flexibility, strength and balance. Students with disabilities will be required to show proof of disability from a physician.	Low Impact Fitness	1.5 units
KINES 6 <i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> This is a general physical fitness course specifically intended for students with disabilities. Students will be given an opportunity to engage in a personalized program of exercise that promotes and develops overall physical fitness. Principles of fitness and nutrition. Students with disabilities will be required to show proof of disability from a physician. Grades are P/NP option.	Adapted Total Fitness	1.5 units
KINES 7 <i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> This course is designed as an introduction to progressive resistance weight training for students with disabilities. Students will engage in an individualized program of exercise that promotes knowledge of fitness principles and basic anatomy, the development of cardiovascular respiratory and muscle endurance, muscle strength and flexibility, and a healthy body composition. Students with disabilities will be required to show proof of disability from a physician. Emphasis will be placed on training fundamentals, technique, conditioning, and safety. Grades are P/NP option.	Adapted Weight Training and Fitness	1.5 units

KINES 9 <i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Adapted strength training techniques and methods to improve over-all muscular endurance and fitness. Additionally specific modified activities, games and sports will be experienced by the student to enhance their participation in life-long activities designed to improve self-esteem, social interaction and fitness. Activities include but are not limited to bocci ball, volleyball, frisbee games, pickle ball, horseshoes and basketball. Principles of fitness and nutrition. Students with disabilities will be required to show proof of disability from a physician. Grades are P/NP option.	Adapted Weight Training and Recreational Activities	1.5 units
KINES 10 <i>13.5 lecture hours, 40.5 lab hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Adapted Yoga and Cardio Fitness methods and techniques modified to individual needs and disabilities. Skills and techniques utilized to improve relaxation, flexibility, core stabilization and cardiovascular fitness. Principles of fitness and nutrition. Students with disabilities will be required to show proof of disability from a physician. Grades are P/NP option.	Adapted Yoga and Cardio Fitness	1.5 units
KINES 20 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> <i>C-ID KIN 100</i> This course provides an introduction to the interdisciplinary approach to the study of human movement. It provides an orientation to various educational pathways, requirements, and career opportunities in kinesiology in the areas of teaching, coaching, allied health, and fitness professions. Basic concepts of the kinesiology discipline and the importance of the sub-disciplines are discussed. Letter grade only.	Introduction to Kinesiology	3units
KINES 21A <i>36 lecture hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Study and analysis of various phases of softball offense, including philosophy, mental approach, hitting, and base running.	Analysis of Softball: Offense	2 units
KINES 21B <i>36 lecture hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Analysis and study of the various phases of softball defense, including philosophy, fielding, pitching, mental approach, catching, and positions.	Analysis of Softball: Defense	2 units
KINES 22 <i>36 lecture hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Study and analysis of offensive and defensive basketball, including strategies and theory. Current techniques of shooting, passing, dribbling, footwork along with the application of scouting to competitive play.	Analysis of Basketball	2 units

KINES 24 <i>36 lecture hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Study and analysis of offensive and defensive football, including theory and strategies. Current techniques of passing, kicking, blocking, and tackling along with practical application of scouting.	Analysis of Football	2 units
KINES 26 <i>45 lecture hours, 27 lab hours</i> <i>Transferable to CSU/UC</i> An introduction to the treatment and prevention of specific athletic injuries. This course will cover the identification of injuries, proper treatment after they occur, and preventative measures. Establishing effective health care systems.	Care and Prevention of Athletic Injuries	3 units
KINES 28 <i>36 lecture hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Study and analysis of various phases of soccer, including laws, fundamentals, offensive and defensive strategy, and different soccer styles.	Analysis of Soccer	2 units
KINES 29A <i>36 lecture hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Study and analysis of various phases of baseball offense, including fundamental skills of hitting and base running, and analysis of offensive statistics.	Analysis of Baseball: Offense	2 units
KINES 29B <i>36 lecture hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> Study and analysis of various phases of baseball defense, including fundamental skills of fielding, pitching and positioning, and analysis of defensive statistics.	Analysis of Baseball: Defense	2 units

AEROBICS:
Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
KINES 1.21—Aerobic Exercise
KINES 1.22—Step Aerobics
KINES 1.27—Fitness Walking/Jogging

BASKETBALL:
Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
KINES 1.71—Basketball

BODY TONING:
Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
KINES 1.26—Body Toning
KINES 1.34—Boot Camp Fitness
KINES 1.37—Club Fitness

BOWLING:
Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
KINES 1.24—Bowling

CONDITIONING:
Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
KINES 3—Adapted Physical Education Gen Cond

DANCE:
Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
KINES 1.42—Dance Techniques-Beginning
KINES 1.43—American Style Swing and Latin Dance

GOLF:
Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
KINES 1.31—Golf-Beginning
KINES 1.33—Golf-Advanced

RACQUET SPORT:
Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
KINES 1.25—Badminton

Learning Assistance

LEARN 52 **Students Disabilities-- Field Experience** **1 unit**
9 lecture hours, 27 lab hours
Designed for students with interest in the field of human services, specifically Education, Allied Health, and Social Services. Students will increase awareness of the strengths and limitations imposed by a variety of disabilities and their impact on major life activities including learning. Overview of the provision of community and college support services available for students with disabilities and opportunities to become a paid assistant for students with disabilities. Assistance is provided in the physical and academic adaptation of students with disabilities to the community college environment. Grades are P/NP option.

LEARN 70 **Supplemental Instruction** **1 unit**
18 lecture hours
Corerequisite: 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. (L)

LEARN 102 **Directed Study** **v.5-1 unit**
27 lab hours (.5 unit)
54 lab hours (1 unit)
Other Conditions: Course 100 or above
Counseling, study skills, and individualized assistance to help in all areas of study; required of all EOPS students. Grades are P/NP.

LEARN 115 **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 include: 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 only.

SOCCER:
Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
KINES 1.75—Soccer
KINES 1.76—Advanced Soccer

SPORTS ANALYSIS:
Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
KINES 21A—Analysis of Softball: Offense
KINES 21B—Analysis of Softball: Defense
KINES 22—Analysis of Basketball
KINES 24—Analysis of Football
KINES 28—Analysis of Soccer
KINES 29A—Analysis of Baseball: Offense
KINES 29B—Analysis of Baseball: Defense

VOLLEYBALL:
Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
KINES 1.77—Volleyball-Beginning
KINES 1.78—Grass Doubles Volleyball
KINES 1.79—Volleyball-Intermediate

WEIGHT TRAINING:
Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
KINES 1.57—Weight Training-Beginning
KINES 1.59—Weight Training-High Intensity
KINES 1.57B—Weight Training-Intermediate
KINES 7—Adapted Weight Training Club Fitness
KINES 9—Adapted Weight Training and Recreational Activities

YOGA:
Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
KINES 1.36— Yoga
KINES 10—Adapted Yoga and Cardio Fitness

LEARN 118	Workforce Reading and Writing Skills	3 units
<i>36 lecture hours, 54 lab hours</i> Designed for students with disabilities, learning differences, and/or a history of difficulty developing reading/writing skills. Review of basic skills in written language in preparation for entering the workforce. Emphasis on building competency in reading comprehension and writing proficiency typically needed for success in vocational and/or entry level employment. May incorporate use of assistive computer technology. Recommendation: Basic reading/writing skills, familiarity with computers, and a readiness for college participation. Grades are P/NP only.		
LEARN 120A	Beginning Basic Studies	3 units
<i>36 lecture hours, 54 lab hours</i> General review of beginning concepts of reading, writing and math. Grades are P/NP.		
LEARN 120B	Intermediate Basic Studies	3 units
<i>36 lecture hours, 54 lab hours</i> General review of intermediate concepts of basic reading, writing and math. Build on skills learned in 120A. Grades are P/NP.		
LEARN 120C	Advanced Basic Studies	3 units
<i>36 lecture hours, 54 lab hours</i> General review of basic concepts of reading, writing and math based on skills learned in 120 A and B. Grades are P/NP.		
LEARN 122	Basic Studies	1 unit
<i>18 lecture hours, 9 lab hours</i> <i>Other Conditions:</i> Course 100 or above Reviews basic concepts in arithmetic, grammar, and reading, as well as strategies for preparing for the GED exam. Not open for credit to students with credit in LEARN 120. Grades are P/NP.		
LEARN 125	Spelling Improvement	1 unit
<i>18 lecture hours</i> Designed for student with learning difficulties that impact reading/writing tasks. Small group learning and individualized help in recognizing areas of spelling difficulties and developing a plan for improvement. Instruction in phonemic awareness, word parts, spelling rules and strategies for memory. Discussion and practice with educational technology including handheld devices, software and educational websites for improvement in spelling efficiency and accuracy. Includes exercises to build college level vocabulary. Recommendation: basic reading/writing skills, familiarity with computers, and readiness for college participation. Grades are P/NP.		
LEARN 126	Study Techniques	1 unit
<i>9 lecture hours, 27 lab hours</i> Development and implementation of an individualized program of study for improvement in study skills necessary for success in college coursework. Concurrent enrollment required in a minimum of one academic and/or vocational education college course. Recommendation: Basic reading/writing skills, familiarity with computers, and readiness for college participation. Grades are P/NP.		

LEARN 155	Beginning Assistive Computer Technology	2 units
<i>18 lecture hours, 54 lab hours</i> Designed for students with disabilities who have limited computer experience. Focus is on use of keyboard/mouse, personal data storage, basic MS Word, use of MyCampus Portal and Canvas, internet use, educational websites, and software for independent learning. Incorporates an overview of currently available assistive computer technology used to meet the educational needs of students with physical, learning, and cognitive impairments. Grades are P/NP.		
LEARN 156	Intermed Assistive Computer Technology	2 units
<i>18 lecture hours, 54 lab hours</i> Designed for students with disabilities in need of assistive computer technology to ensure equal access to college materials and improved efficiency on academic tasks. Prepares student for independent use of current technologies available in college computer labs, modern work environments, and personally adapted home computer systems. Recommendation basic reading/writing skills and familiarity with computers. Grades are P/NP only.		
LEARN 172	Real Life Math	1 unit
<i>3 lecture hours, 45 lab hours</i> Developmental sequence of increasing difficulty in mathematical computations as they apply to real life situations focusing on addition, subtraction, division, fractions, percentages, and decimals. Grades are P/NP.		
LEARN 174	Basic Math Facts and Operations	3 units
<i>36 lecture hours, 54 lab hours</i> 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
<i>36 lecture hours, 54 lab hours</i> 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. Recommendation: Basic reading/writing skills, familiarity with computers, and a readiness for college participation. Grades are P/NP only.		

LEARN 180	Reading and Writing Development	3 units
<i>54 lecture hours</i> 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.		
LEARN 251	Academic Evaluation	1 unit
<i>18 lecture hours</i> 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 only.		

Library Science

LIBSC 1	Basic Research Skills	1 unit
<i>18 lecture hours</i> <i>Transferable to CSU/UC</i> This course will help students acquire beginning information literacy skills necessary to conduct academic or personal research. It provides a step-by-step guide to the research process that is applicable to term papers, course work, and life-long learning. It emphasizes developing effective search strategies, selecting information tools, locating and retrieving information sources, analyzing and critically evaluating information, and using information. Grades are P/NP only. (L)		

MANAGEMENT AND SUPERVISION (see Business)

Manufacturing Technology

Manufacturing Technology is a comprehensive program of instruction designed to develop knowledge of scientific principle, mathematical concepts, and technical skills. It includes laboratory experiences found in machining, welding, and related technologies. These experiences will enable the student to enter industry with problem-solving skills in design, production planning, materials handling, quality control, inspection, and programming with computer-aided controls. The student, upon the successful completion of the program, will have a job-entry skill.

MANUFACTURING TECHNOLOGY/ MACHINING

(Associate in Science)

- Students who complete this program should be able to:
1. Demonstrate knowledge of proper working habits and safety practices in an industrial environment
 2. Demonstrate skill in the use of manual machine tools including: lathes, mills, drilling machines, grinding machines, and inspection tools.
 3. Demonstrate skilled use of Advanced Manufacturing tools such as: Computer aided Design, Computer aided Manufacturing, CNC Milling Centers, CNC Turning Centers, inspection and measurement tools..
 4. Demonstrate knowledge of interpreting shop drawings and prints

Required Courses	Units
DRAFT 20 Blueprint and Specifications Reading.....	3
MFGT 20 Principles of Machine Shop.....	3
MFGT 21 Intermediate Machine Shop	4
DRAFT 30 Technical Drawing with AutoCAD	3
MFGT 34 Computer Numerical Control.....	4
MFGT 35 Computer Aided Manufacturing.....	3
MFGT 60 Problems in Manufacturing Technology	3
Plus 7 additional units from the following:	
WELD 10 Introduction To Sheilded Metal Arc Welding	
(SMAW)	4
WELD 20 Introduction To Gas Metal Arc Welding (GMAW)	4
WELD 83 GMAW/GTAW Production Welding	4
AUTO 22 Hydraulics (Fluid Power)	3
WELD 85 Structural Design and Fabrication.....	4
Total units required for degree major.....	30
<i>Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.</i>	

MANUFACTURING TECHNOLOGY/
MACHINING
(Certificate of Achievement)

Students who complete this program should be able to:

1. Demonstrate knowledge of proper working habits and safety practices in an industrial environment
2. Demonstrate skill in the use of manual machine tools.
3. Demonstrate skilled use of Advanced Manufacturing tools.
4. Demonstrate knowledge of interpreting shop drawings and prints

Required Courses	Units
MFGT 20 Principles of Machine Shop.....	3
MFGT 21 Intermediate Machine Shop	4
MFGT 34 Computer Numerical Control.....	4
MFGT 60 Problems in Manufacturing Technology	3
DRAFT 30 Technical Drawing with CAD	3
AUTO 22 Hydraulics (Fluid Power)	3
MFGT 35 Computer Aided Manufacturing.....	3
Plus 4 additional units from the following:	
WELD 10 Introduction to Shielded Metal Arc Welding (SMAW) or	4
WELD 20 Gas Welding OR WELD 10 Introduction to Gas Arc Welding (GMAW) ...	4
Total units required	27

MFGT 20 Principles of Machine Shop 3 units
36 lecture hours, 54 lab hours
Transferable to CSU

Basic set-up and operation of the Engine Lathe, Vertical Milling Machine, Drilling machines, Bandsaws and grinding machines. Emphasis will also focus on precision measurement. The course includes tooling selection for above machines. Introduction to computer numerical control is included. Safety in all aspects of machining. (L,M)

MFGT 21 Intermediate Machine Shop 4 units
54 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: MFGT 20
Transferable to CSU

Intermediate level machine shop, with focus on precision layout and safety practices, the set-up and operation of the vertical milling machine, the horizontal milling machine, and the engine lathe. Special emphasis on the concept of fits and development of skills acquired in MFGT 20 or equivalent. Students will produce a machined mechanical object using the machine shop.

MFGT 34 Computer Numerical Control 4 units
54 lecture hours, 54 lab hours
Transferable to CSU

Manual programming of computer numerically controlled machine tools and processes, using the standard g-code format. Programs will include linear interpolation, circular interpolation and helical interpolation. Canned cycles and macros are also used.

MFGT 35 Computer Aided Manufacturing 3 units

36 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: MFGT 34
Transferable to CSU

The use of a CAM (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. (C)

MFGT 50 Principals of Programmable Logic Controllers 3 units

36 lecture hours, 54 lab hours
This course introduces basic concepts of Programmable Logic Controllers (PLC) use and applications including PLC programming, instillation, operation and troubleshooting, as well as basic communications and logic operations. Students will program and build PLC systems and emphasis on practices used in the manufacturing industry. Grades are P/NP option.

MFGT 55 Principals of Material Science 4 units

54 lecture hours, 54 lab hours
This is an introductory course to the properties and performance of materials used in the Manufacturing and Welding industries. Knowledge of material properties is used to understand the behavior and structure of engineering materials. Hands-on laboratory activities include the testing of metals, polymers, composites, wood, and other materials. Not intended to satisfy Engineering requirements.

MFGT 60 Problems in Manufacturing Technology 3 units

36 lecture hours, 54 lab hours
Analysis of special problems in manufacturing. Study in specialized areas of manufacturing technology with project goals and production paths determined in a team setting. Learning will be applied to problem solving and to product creation. (C)

MFGT 62 Advanced Machine Shop 3 units
36 lecture hours, 54 lab hours

This is an advanced course in machining, which encompasses tool and cutter grinding, part design using a turret lathe, and a tracing lathe. Concepts that will also be covered are aspects of surface grinding and EDM machining. (L,M)

Mass Communications

MASS COMMUNICATIONS
(Associate in Arts)

Students who complete this program should be able to:

1. Demonstrate effective speaking, writing, and listening skills for communication in personal, public, and media areas.
2. Demonstrate the ability to observe events, gather information, write news reports and news releases, report on events, and edit other people's writings.
3. Demonstrate the ability to understand the media critically and recognize how media shape and are shaped by politics, society, culture, economics, and daily lives.
4. Demonstrate the ability to recognize the power of persuasion and ethical responsibilities of communicators in communication at all levels.

Required Courses	Units
MCOMM 2 Introduction to Mass Communication.....	3
MCOMM 4 Studio Video Production.....	3
MCOMM 5 Electronic Movie Making	3
MCOMM 6 Sound Recording and Production	3
MCOMM 8 Introduction to Media Writing OR	3
MCOMM 19 News Writing and Reporting.....	3
MCOMM 14 Advanced Studio Video Production OR	3
MCOMM 20L Newspaper Production	3-4
MCOMM 15 Field Video Production	3
MCOMM 17 Television Remote Production.....	3
Total units required for degree major	24

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

MASS COMMUNICATIONS
(Associate in Science)

Students who complete this program should be able to:

1. Demonstrate effective speaking, writing, and listening skills for communication in personal, public, and media areas.
2. Demonstrate the ability to observe events, gather information, write news reports and news releases, report on events, and edit other people's writings.
3. Demonstrate the ability to understand the media critically and recognize how media shape and are shaped by politics, society, culture, economics, and daily lives.
4. Demonstrate the ability to recognize the power of persuasion and ethical responsibilities of communicators in communication at all levels.

Required Courses	Units
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
Total units required for degree major	18

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

MASS COMMUNICATIONS
(Certificate of Achievement)

Students who complete this program should be able to:

1. Demonstrate effective speaking, writing, and listening skills for communication in personal, public, and media areas.
2. Demonstrate the ability to observe events, gather information, write news reports and news releases, report on events, and edit other people's writings.
3. Demonstrate the ability to understand the media critically and recognize how media shape and are shaped by politics, society, culture, economics, and daily lives.
4. Demonstrate the ability to recognize the power of persuasion and ethical responsibilities of communicators in communication at all levels.

Required Courses	Units
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 Electronic Media 3 units

54 lecture hours
Transferable to CSU/UC
This course introduces the history, structure, function, economics, content and evolution of radio, television, film,the Internet, and new media, including traditional and mature formats. The social, political, regulatory, ethical andoccupational impact of the electronic media are also studied. (L)

MCOMM 3 Exploring American Television 3 units

54 lecture hours
Transferable to CSU
Students explore new trends in televsion production and distribution in American TV. Potential genres include situation comedy, crime drama, western, legal drama, sci-fi, medical drama and reality TV. Conent will be analyzed from a variety of perspectives including social, cultural, political, historical, and economic to explore how television impacts culture and the individual. Grades are P/NP option.

MCOMM 4 Beginning TV Studio Production 3 units

36 lecture hours, 54 lab hours
Transferable to CSU
This course introduces theory, terminology and operation of a multi-camera television studio and control room. Topics include studio signal flow, directing, theory and operation of camera and audio equipment, switcher operation, fundamentals of lighting, graphics, video control and video recording, and real-time video production. (L,C)

MCOMM 5	Beginning Motion Picture Production	3 units
<i>36 lecture hours, 54 lab hours</i> <i>Transferable to CSU/UC</i> This course provides an introduction to the theory, terminology, and process of motion picture production for film and television. Topics include basic cinematography including the operation, function and creative uses of production and post-production equipment, scriptwriting, camera operation, shot composition, lighting, sound recording and mixing, and editing.(L,C)		
MCOMM 6	Beginning Audio Production	3 units
<i>36 lecture hours, 54 lab hours</i> <i>Transferable to CSU</i> This course serves as an introduction to the theory and practice of audio production for radio, television, film and digital recording applications. Students will learn the fundamentals of sound design and aesthetics, microphone use, and digital recording equipment. Students gain hands on experience recording, editing, mixing and mastering audio. Upon completion, students will have basic knowledge of applied audio concepts, production workflow, equipment functions, and audio editing software. (L,C)		
MCOMM 8	Introduction to Media Writing	3 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> Basic introductory course in writing for the film and electronic media. Emphasis on preparing scripts in proper formats, including fundamental technical, conceptual and stylistic issues related to writing fiction and non-fiction scripts for informational and entertainment purposes. Includes a writing evaluation component as a significant part of the course requirement. (L,C)		
MCOMM 14	Advanced Studio Video Production	3 units
<i>36 lecture hours, 54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: MCOMM 4 <i>Transferable to CSU</i> 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. (L)		
MCOMM 15	Beginning Single Camera Production	3 units
<i>36 lecture hours, 54 lab hours</i> <i>Transferable to CSU</i> The course provides an introduction to the theory, terminology, and operation of single camera video production, including composition and editing techniques, camera operation, portable lighting, video recorder operation, audio control and basic editing. This course focuses on the aesthetics and fundamentals of scripting, producing, directing on location, postproduction, and exhibition/distribution. (L,C)		

MCOMM 17	Television Remote Production	3 units
<i>36 lecture hours, 54 lab hours</i> <i>Transferable to CSU</i> Advanced creative use of electronic field video production while using multiple cameras to produce live or archived television events, such as, sporting events, theatrical and musical productions, and entertainment or informational programs. Much of class time is devoted to “on location” production. (L)		
MCOMM 19	News Writing and Reporting	3 units
<i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: ENGL 51 <i>Transferable to CSU/UC</i> 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. (L)		
MCOMM 20A	News Media Production 1	3 units
<i>27 lecture hours, 81 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: ENGL 51 or eligibility for ENGL 1A <i>Transferable to CSU</i> 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 basic news stories, features, and opinion, as well as basic page layout and design for both print and online publications. (L)		
MCOMM 20B	News Media Production 2	3 units
<i>27 lecture hours, 81 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: MCOMM 20A or ENGL 20A <i>Transferable to CSU</i> 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 page layout and design for both print and online publications, and editorial leadership. (L)		

MCOMM 20C	News Media Production 3	3 units
<i>27 lecture hours, 81 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: MCOMM 20B or ENGL 20B <i>Transferable to CSU</i> 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 related opinion; journalistic use of multimedia, and social media, and editorial leadership. (L)		
MCOMM 40	Introduction to Online Learning	1 unit
<i>18 lecture hours</i> <i>Transferable to CSU</i> 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 online behavior, and emerging learning technologies. Not open for credit to students with credit in EDUC 40. Grades are P/NP only.		

Mathematics

MATHEMATICS
(Associate in Science)

- Students who complete this program should be able to:
- 1. Solve equations and inequalities
 - 2. Perform operations on mathematical objects (e.g. numbers, expressions, functions, matrices)
 - 3. Graph equations, functions, inequalities
 - 4. Solve applied problems using mathematical or statistical methods
 - 5. Prove identities and theorems
 - 6. Apply definitions, notation and properties of mathematical concepts

Required Courses	Units
MATH 1A Single Variable Caculus I -- Early Transcendentals	5
MATH 1B Single Variable Calculus II -- Early Transcendentals	4
MATH 2A Second Year Calculus	4
MATH 3 Linear Algebra	3
MATH 25 Finite Math OR	3
STAT 1 Introduction to Statistical Methods OR	4
MATH 10 Liberal Arts Math OR.....	3
MATH 51 Plane Geometry	3
Total units required for degree major	19

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

The Associate in Science in Mathematics for Transfer is designed for students for transfer into the CSU system to complete a bachelor’s degree in Mathematics or similar major.



MATHEMATICS
(Associate in Science for Transfer)

- Students who complete this program should be able to:
- 1. Solve equations and inequalities
 - 2. Perform operations on mathematical objects (e.g. numbers, expressions, functions, matrices)
 - 3. Graph equations, functions, inequalities
 - 4. Solve applied problems using mathematical or statistical methods
 - 5. Prove identities and theorems
 - 6. Apply definitions, notation and properties of mathematical concepts

Required Courses	Units
Required courses for Major:	
MATH 1A Single Variable Calculus I -- Early Transcendentals	4
MATH 1B Single Variable Calculus II -- Early Transcendentals	4
MATH 1C Multivariable Calculus.....	4

Lisa A: Select one course (3 units) from the following:

MATH 2 Ordinary Differential Equations OR	3
MATH 3 Linear Algebra	3

List B: Select one additional course (3-4 units) from the following or any course not selected on List A:

MATH 2 Ordinary Differential Equations OR	3
MATH 3 Linear Algebra OR.....	3
PHYS 4A Mechanics OR.....	4
COMSC 6 Basic Language Programming OR	3
COMSC 7 Intro to Visual Basic Programming OR	3
COMSC 9A C++ Programming	4
Total units required for degree major.....	18-19

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC (CSU version), all courses in the major with “C” or better grades, and achieve a minimum transferable cumulative GPA of 2.0.

MATH 1A	Single Variable Calculus I -- Early Transcendentals	4 units
---------	--	---------

72 lecture hours

Prerequisite: Satisfactory completion of: MATH 20 and MATH 21 or score on the mathematics placement test.

Transferable to CSU/UC - UC Unit Limit

C-ID MATH 210

A first course in differential and integral calculus of single variable: functions; limits and continuity; techniques and applications of differentiation and integration; Fundamental Theorem of Calculus. Primarily for Science, Technology, Engineering, and Math Majors. Grades are P/NP option. (L)

MATH 1B	Single Variable Calculus II -- Early Transcendentals	4 units
---------	---	---------

72 lecture hours

Prerequisite: Satisfactory completion of: MATH 1A

Transferable to CSU/UC

C-ID MATH 220

A second course in differential and integral calculus of a single variable: integration; techniques 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: Satisfactory completion of: 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: Satisfactory completion of: MATH 1B

Transferable to CSU/UC

C-ID MATH 240

The course is an introduction to ordinary differential equations including both quantitative and qualitative methods as well as applications from a variety of disciplines. Introduces the theoretical aspects of differential equations, including establishing when solution(s) exist, and techniques for obtaining solutions, including, series solutions, Laplace transforms and linear systems. (L,M)

MATH 3	Linear Algebra	3 units
--------	----------------	---------

54 lecture hours

Prerequisite: Satisfactory completion of: MATH 1B

Other: Recommended successful completion of MATH 1C

Transferable to CSU/UC

C-ID MATH 250

This course develops the techniques and theory needed to solve and classify systems of linear equations. Solution techniques include row operations, Gaussian elimination, and matrix algebra. Investigates the properties of vectors in two and three dimensions, leading to the notion of an abstract vector space. Vector space and matrix theory are presented including topics such as inner products, norms, orthogonality, eigenvalues, eigenspaces, and linear transformations. Selected applications of linear algebra are included. (L,M)

MATH 9	Calculus for Business, Social and Life Science	4 units
--------	---	---------

72 lecture hours

Prerequisite: Satisfactory completion of: MATH 52 or MATH 52B or a satisfactory score on the mathematics placement test.

Transferable to CSU/UC - UC Unit Limit

C-ID MATH 140

Topics of calculus including differentiation, integration, graphs, limits, and rates. Applications from economics, business, life science, and behavioral science. Not open for credit to students with credit in MATH 1A. (L,M)

MATH 10	Liberal Arts Mathematics	3 units
---------	--------------------------	---------

54 lecture hours

Prerequisite: Satisfactory completion of: MATH 52 or a

satisfactory score on the mathematics placement test.

Transferable to CSU/UC

Designed for students majoring in areas other than science, math, or business to give appreciation and insight into structure and applications of math. Some typical topics, to be chosen by instructor, may include probability and statistics, sequences and series, population growth, graph theory, geometry and topology, number theory, history of math, finance math, voting methods and apportionment. (L,M)

MATH 15	Concepts and Structures of Mathematics	3 units
---------	---	---------

54 lecture hours

Prerequisite: Satisfactory completion of: MATH 52 or MATH 52A and MATH 52B or satisfactory score on the mathematics placement test.

Transferable to CSU/UC - UC Unit Limit

C-ID MATH 120

This course focuses on the development of quantitative reasoning skills through in-depth, integrated explorations of topics in mathematics, including real number systems and subsystems. Emphasis is on comprehension and analysis of mathematical concepts and applications of logical reasoning. (L)

MATH 16	Concepts and Structures of Mathematics	3 units
---------	---	---------

54 lecture hours

Prerequisite: Satisfactory completion of: MATH 51 and MATH 52

Transferable to CSU/UC - UC Unit Limit

Designed for students who plan to become elementary school teachers. Problem-solving, probability and statistics, measurement and the metric system, and geometry. Essays on topics of current interest to the teaching profession, class presentations, and a study of techniques and materials used in today’s elementary school classroom may also be included. (L,M)

MATH 20 <i>72 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: MATH 52 or MATH 52B or a satisfactory score on the mathematics placement test. <i>Transferable to CSU/UC</i> <i>C-ID MATH 151</i> 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)	College Algebra	4 units
MATH 21 <i>72 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: MATH 52 or MATH 52B or MATH 59 or placement based on multiple measures. <i>Transferable to CSU</i> <i>C-ID MATH 851</i> 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)	Plane Trigonometry	4 units
MATH 25 <i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: MATH 52 or MATH 52B or a satisfactory score on the mathematics placement test. <i>Transferable to CSU/UC</i> <i>C-ID MATH 130</i> Linear functions, systems of linear equations and inequalities, matrices, linear programming, mathematics of finance, sets and Venn diagrams, combinatorial techniques and an introduction to probability. Applications in business, economics and social sciences. (L,M)	Finite Mathematics	3 units
MATH 51 <i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: MATH 50 Introductory plane geometry, the study of geometric relationships in the plane from inductive and deductive viewpoints. Satisfies the university admission requirements of high school plane geometry. (L,M)	Plane Geometry	3 units
MATH 52 <i>72 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: MATH 101 or MATH 101B or qualifying score on the mathematics placement test. To prepare students to take transfer-level mathematics or statistics courses. Topics include: real and complex numbers; factoring of polynomials; rational and radical expressions and equations; functions (general); linear, quadratic, exponential, and logarithm functions and equations; graphs; distance, midpoint, and circles in the Cartesian plane; application problems. Grades are P/NP option. (L)	Intermediate Algebra	4 units
MATH 52A <i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: MATH 101 or MATH 101B or qualifying score on the mathematics placement test. Together with Math 52B, this course prepares students to take transfer-level mathematics or statistics courses. Topics include: real and complex numbers; factoring of polynomials; rational and radical expressions and equations; linear and quadratic equations; application problems. Designed for a variety of students, especially those who are math anxious or require a slower-paced, year-long version of Math 52. Math 52A and 52B must both be completed successfully to be equivalent to Math 52 as a prerequisite or to meet degree requirements. Grades are P/NP option. (L)	Intermediate Algebra First Half	3 units
MATH 52B <i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: MATH 52A Together with Math 52A, this course prepares students to take transfer-level mathematics or statistics courses. Topics include: functions (general); linear, quadratic, exponential, and logarithm functions and equations; graphs; distance, midpoint, and circles in the Cartesian plane; application problems. Designed for a variety of students, especially those who are math anxious or require a slower-paced, year-long version of Math 52. Math 52A and 52B must both be completed successfully to be equivalent to Math 52 as a prerequisite or to meet degree requirements. Grades are P/NP option. (L)	Intermediate Algebra Second Half	3 units
MATH 55 <i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: MATH 101 or MATH 101B or qualifying score on the mathematics placement test. A history of algebra from ancient times up to the 18th century. Introduction to a variety of number systems; the operations of addition, subtraction, multiplication, and division, and the finding of square roots; sets and logic; rational, irrational, real, and complex numbers; Greek number theory; linear, quadratic, and cubic equations; and applications (including proportions, variation, compound interest, exponential growth and decay). Ideas and methods from different parts of the world and at different times are mainly presented in their historical context. This course satisfies the AA and AS degree requirement, but it does not satisfy the prerequisite for a transferable mathematics or statistics course. Grades are P/NP option. (L)	History of Algebra	3 units
MATH 58 <i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: MATH 101 or MATH 101B. Or by placement exam. 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. Grades are P/NP option. (L,M)	Mathematics for Everyday Living	3 units

MATH 59 <i>63 lecture hours, 27 lab hours</i> This course consists of elements of beginning and intermediate algebra necessary for long-term engagement in math-intensive fields. Topics include polynomial, rational, radical, exponential, and logarithmic expressions, equations, functions, graphs, modeling and applications; polynomial, rational, and radical inequalities; systems of equations and conic sections; algebra of functions; and complex numbers. Grades are P/NP option.	Foundations of Algebra	4 units
MATH 101 <i>72 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: MATH 111 or qualifying score on the mathematics placement test. To prepare students to take Intermediate Algebra. Topics include: real numbers; algebraic expressions; linear equations and systems of linear equations; linear inequalities in one and two variables (simple, compound, system); scientific notation; graphs and equations of lines in the Cartesian plane; introduction to functions and their graphs; absolute value function and equations; application problems. Grades are P/ NP option. (L)	Elementary Algebra	4 units
MATH 101A <i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: MATH 111 or qualifying score on the mathematics placement test. Together with Math 101B, to prepare students to take Intermediate Algebra. Topics include: real numbers; algebraic expressions; linear equations and systems of linear equations (graphical); linear inequalities in one variable (simple); graphs and equations of lines in the Cartesian plane; introduction to functions and their graphs; application problems. Designed for a variety of students, especially those who are math anxious or require a slower-paced, year-long version of Math 101. Math 101A and Math 101B must both be completed successfully to be equivalent to Math 101 as a prerequisite to meet degree requirements. Grades are P/NP option.	Elementary Algebra First Half	3 units
MATH 101B <i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: MATH 101A Together with Math 101A, to prepare students to take Intermediate Algebra. Topics include: real numbers; algebraic expressions; systems of linear equations (algebraic); linear inequalities in one and two variables (compound, system); scientific notation; absolute value function and equations; application problems. Designed for a variety of students, especially those who are math anxious or require a slower-paced, year-long version of Math 101. Math 101A and 101B, if taken sequentially, can substitute for Math 101 as a prerequisite to meet degree requirements. Grades are P/ NP option. (L)	Elementary Algebra Second Half	3 units
MATH 111 <i>72 lecture hours</i> Prepares students to take Elementary Algebra. Topics include: real numbers; algebraic expressions; linear equations; basic facts from geometry, including perimeter, area, and the Pythagorean theorem; ratio, proportion, and percent; conversion of units of measure; application problems. Grades are P/NP option. (L)	Prealgebra	4 units

METALWORKING-WELDING
(see Welding)

Music

Classes with “R” can be taken a total of four times but are subject to Family of Classes restrictions on page 174.

The Associate in Arts in Music for Transfer degree prepares students to transfer to a California State University to seek a Bachelor of Arts in General Music degree. Completion of this degree with a minimum GPA of 2.0 guarantees admission to the CSU System. Students must audition with an instrument of choice or voice to be admitted into the program to take the applied skills course. Students will need to audition to be accepted as a music major at CSU. Students intending to transfer to seek a Bachelor of Music or Bachelor of Music Education degree will need additional courses, and should select AA in Music.



MUSIC (Associate in Arts for Transfer)

Students who complete this program should be able to:

- 1. Analyze a short musical work by applying intermediate-level music theory.
- 2. Demonstrate basic musicianship skills in sight-reading, melodic, and harmonic dictation.
- 3. Publicly perform selected solo and ensemble repertoire, appropriate for college sophomores, in their major instrument or voice with technical facility and artistry.

Required Courses	Units
Core Requirements:	
MUSIC 1A Elementary Harmony	3
MUSIC 1B Elementary Harmony	3
MUSIC 1C Elementary Theory Skills.....	1
MUSIC 1D Theory Skills.....	1
MUSIC 2A Advanced Harmony	3
MUSIC 2B Advanced Harmony	3
MUSIC 2C Advanced Theory Skills	1
MUSIC 2D Theory Skills.....	1
Select one from the following and take it for 4 semesters:	
MUSIC 30AR Applied Skills: Woodwinds OR	1
MUSIC 30BR Applied Skills: Brass OR	1
MUSIC 30CR Applied Skills: Composition OR	1
MUSIC 30DR Applied Skills: Percussion OR	1
MUSIC 30ER Applied Skills: Strings OR	1
MUSIC 30GR Applied Skills: Guitar OR	1
MUSIC 31R Applied Skills: Piano OR	1
MUSIC 32R Applied Skills: Voice	1

Ensemble Requirements:
Brass, Percussion and Woodwind majors shall select Symphonic or Jazz Band. Voice majors shall select choral ensembles. Composition major shall select a combination of instrumental and choral ensembles. Piano, Classical Guitar and String majors shall select appropriate ensembles after consultation with Music Department Faculty. Music majors at CSU are usually required to enroll in a major ensemble every semester of the 4-year program. In order to gain the similar level of experience, students are recommended to repeat the course as the credit units would allow, and continue to enroll in the 500-level noncredit equivalent courses after that for the total of 4 semesters.
MUSIC 28R Community Jazz Ensemble OR3
MUSIC 33R Chamber Singers OR3
MUSIC 34R Concert Choir OR.....3
MUSIC 43R Symphonic Band OR.....3
MUSIC 44R Instrumental Chamber Ensemble OR3
MUSIC 54R Community Chorus3
Total units required for degree major..... 21-23
Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC (CSU version), all courses in the major with “C” or better grades, and achieve a minimum transferable cumulative GPA of 2.0.

MUSIC (Associate in Arts)

Students who complete this program should be able to:

- 1. Analyze a short musical work by applying intermediate-level music theory.
- 2. Demonstrate basic musicianship skills in sight-reading, melodic, and harmonic dictation.
- 3. Publicly perform selected solo and ensemble repertoire, appropriate for college sophomores, in their major instrument or voice with technical facility and artistry.

Required Courses	Units
MUSIC 1A Elementary Harmony	3
MUSIC 1B Elementary Harmony	3
MUSIC 1C Elementary Theory Skills.....	1
MUSIC 1D Elementary Theory Skills.....	1
MUSIC 2A Advanced Harmony	3
MUSIC 2B Advanced Harmony	3
MUSIC 2C Advanced Theory Skills	1
MUSIC 2D Advanced Theory Skills	1
MUSIC 8A Music History	3
MUSIC 8B Music History	3
Total units required for degree major.....	22
<i>Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.</i>	

MUSIC 1	Music Fundamentals	3 units
<i>54 lecture hours</i> <i>Transferable to CSU/UC</i> An introduction to the notation and primary elements of tonal music, including staff notation in treble and bass clefs, rhythm and meter, basic properties of sound, intervals, diatonic scales and triads, and diatonic chords. Students will experience applying the skills learned to basic singing and keyboard playing. Suitable for both music majors and non-majors who have no previous experience in reading or playing music notation. Not open to students with credit in ECE 21.		
MUSIC 1A	Elementary Harmony	3 units
<i>54 lecture hours</i> <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: MUSIC 1C <i>Transferable to CSU/UC</i> <i>C-ID MUS 120</i> Review of music fundamentals through composition and analysis. Emphasis on principle triads; part-writing procedures and analysis, incorporating the following concepts: rhythm and meter; basic properties of sound; intervals; diatonic scales and triads; diatonic chords, basic cadential formulas and phrase structure; dominant seventh chords; figured bass symbols; and non-harmonic tones. Development of skills in handwritten notation is expected. Required of all music majors and minors. (L)		
MUSIC 1B	Elementary Harmony	3 units
<i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: MUSIC 1A <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: MUSIC 1D <i>Transferable to CSU/UC</i> <i>C-ID MUS 130</i> Continuation of concepts from MUSIC 1A. Study of diatonic harmony with an introduction to secondary dominants and elementary modulation, two-part counterpoint, voice leading involving SATB chorale writing, diatonic harmony and an introduction to secondary chords and modulation. Exercises in part-writing, figured-bass, analysis, and melody harmonization. Required of all music majors and minors. (L)		
MUSIC 1C	Theory Skills	1 unit
<i>9 lecture hours, 27 lab hours</i> <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: MUSIC 1A <i>Transferable to CSU/UC</i> <i>C-ID MUS 125</i> Exercises in applying theoretical concepts to the voice and keyboard developing the rhythmic, melodic, and harmonic elements of beginning theory. Emphasis on ear-training employing exercises in rhythmic reading and dictation, sight-singing, analysis, and melodic dictation. Required of all music majors and minors.		

MUSIC 1D	Theory Skills	1 unit
<i>9 lecture hours, 27 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: MUSIC 1C <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: MUSIC 1B or MUSIC 2A or MUSIC 2B <i>Transferable to CSU/UC</i> <i>C-ID MUS 135</i> Continuation of MUSIC 1C. Exercises in applying theoretical concepts. Emphasis on ear-training; programmed exercises in rhythmic reading; dictation of rhythmic, melodic, harmonic materials; sight-singing; analysis; and dictation. Required of all music majors and minors.		
MUSIC 1E	Keyboard Harmony I	1 unit
<i>9 lecture hours, 27 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: MUSIC 41A <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: MUSIC 1B or MUSIC 2A <i>Transferable to CSU/UC</i> Keyboard application of music theory for music majors. The course prepares students toward piano proficiency exams required at transferring universities.		
MUSIC 2A	Advanced Harmony	3 units
<i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: MUSIC 1B <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: MUSIC 1D or MUSIC 2C <i>Transferable to CSU/UC</i> <i>C-ID MUS 140</i> Theoretical and practical techniques of chromatic harmony, continued from MUSIC 1A, studied through written exercises and analysis, including introduction to chromatic harmony, secondary chords, modulation, change of mode (borrowed chords). Neapolitan sixth and augmented sixth chords. Required of all music majors. (L)		
MUSIC 2B	Advanced Harmony	3 units
<i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: MUSIC 2A <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: MUSIC 1C or MUSIC 1D or MUSIC 2C or MUSIC 2D. <i>Transferable to CSU/UC</i> <i>C-ID MUS 150</i> Continuation of MUSIC 2A. Includes chromatic linear techniques of the common practice period, late 19th century, and 20th century techniques studied through analysis and written exercises, including borrowed chords, modal mixture, the chromatic third relationship, Neapolitan and augmented-sixth chords, 9th 11th, and 13th chords, altered chords and dominants, as well as an introduction to 20th century techniques, including impressionism, tone rows, set theory, pandiatonicism and polytonality in rhythm and meter. Required of all music majors. (L)		

Programs and Courses

MUSIC 2C <i>9 lecture hours, 27 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: MUSIC 1D <i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: MUSIC 2A or MUSIC 2B <i>Transferable to CSU/UC</i> <i>C-ID MUS 145</i> 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-singing, analysis, and melodic and harmonic dictation. Required of all music majors. (L)	Advanced Theory Skills	1 unit	MUSIC 8B <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> A chronological survey of Western Art Music with special emphasis on style, genres, composers, and important works. Covers the period from early Baroque to the present day. Intended for the music major. The ability to read music notation is essential. Extensive listening to recorded examples is required. (L)	Music History II	3 units
MUSIC 2D <i>9 lecture hours, 27 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: MUSIC 2C <i>Transferable to CSU/UC</i> <i>C-ID MUS 155</i> Continuation of Music 2C. Exercises in applying theoretical concepts to singing and dictation. Emphasis on ear-training employing programmed exercises in rhythmic reading, dictation of rhythmic, melodic, harmonic materials, and sight-singing as well as ear training, analysis and dictation at an advanced level. Required of all music majors.	Theory Skills	1 unit	MUSIC 12 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> 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 HUMAN 12.	Jazz Appreciation	3 units
MUSIC 2E <i>9 lecture hours, 27 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: MUSIC 1B and MUSIC 1E <i>Transferable to CSU/UC</i> Intermediate keyboard application of music theory for music majors. The course prepares students toward piano proficiency exams required at transferring universities.	Keyboard Harmony II	1 unit	MUSIC 14A <i>36 lecture hours, 9 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: MUSIC 1C and MUSIC 1D <i>Transferable to CSU</i> The study of style and technique of conducting with emphasis on clear baton technique, interpretation, and score analysis. Grades are P/NP option. (L)	Conducting 1	2 units
MUSIC 3 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> Study of art music in relation to the humanities; music and composers of the western world from the medieval to the contemporary period. Grades are P/NP option. (L)	Music Appreciation	3 units	MUSIC 15 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> A survey of popular music in the United States from about 1850 to the present. Covers American Civil War songs, ragtime, blues, jazz, songwriting, musical theater, country music, Latin music styles, rock and current trends. (L)	Popular Music in the United States	3 units
MUSIC 8A <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> A chronological survey of Western Art Music with special emphasis on style development, genres, composers, and important works. Covers the period from antiquity to the early Baroque. Intended for the music major. The ability to read music notation is essential. Extensive listening to recorded examples is required. (L)	Music History I	3 units	MUSIC 16 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> 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. Grades are P/NP option. (L)	World Music	3 units
			MUSIC 17 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> A search for a 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.	Music as Culture	3 units

Programs and Courses

MUSIC 18 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> A survey of Rock music history with emphasis on its importance to 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 Hip-Hop culture, Alternative and Progressive Rock. (L)	Rock Music History and Culture	3 units	MUSIC 30BR <i>9 lecture hours, 27 lab hours</i> <i>Conditions of Enrollment:</i> Audition required (students may enroll in the course, but may be dropped based on the audition result); Concurrent participation in an appropriate ensemble and enrollment in appropriate-level major preparation courses from the MUS 1A-2E sequence is strongly recommended. <i>Transferable to CSU/UC</i> This course consists of individualized study of the appropriate techniques and repetoire for a brass instrument through private instruction. The emphasis is on the progressive improvement of technical facility, musicianship, expressive interpretation and other skills necessary for solo performance. For music majors with a concentration in either trumpet, French horn, trombone, euphonium or tuba. Other: Repeatable three times only.	Applied Skills: Brass	1 unit
MUSIC 26 <i>162 lab hours</i> <i>Transferable to CSU</i> 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. Not open for credit to students with credit in THART 26.	Musical Theatre Workshop	3 units	MUSIC 30CR <i>9 lecture hours, 27 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: MUSIC 2A or Consent of Instructor. <i>Transferable to CSU/UC</i> Application of theory and harmony skills to original music composition. Composing art music for piano, voice and other instruments. Other: Repeatable three times only.	Applied Skills: Composition	1 unit
MUSIC 28R <i>9 lecture hours, 27 lab hours</i> <i>Other:</i> Audition required. (Students may enroll in course but may be dropped depending on the result of the audition.) <i>Transferable to CSU/UC</i> This course is for the study, rehearsal, and public performance of jazz ensemble literature, with an emphasis on the development of skills needed to perform within a specialized ensemble. Different literature will be studied each semester. The course is repeatable for credit the maximum times allowable by regulation. Audition is required. Other: Repeatable three times only. Grades are P/NP option.	Community Jazz Ensemble	1 unit	MUSIC 30DR <i>9 lecture hours, 27 lab hours</i> <i>Conditions of Enrollment:</i> Audition required (students may enroll in the course, but may be dropped based on the audition result); Concurrent participation in an appropriate ensemble and enrollment in appropriate-level major preparation courses from the MUS 1A-2E sequence is strongly recommended. <i>Transferable to CSU/UC</i> This course consists of individualized study of the appropriate techniques and repetoire for a percussion instruments through private instruction. The emphasis is on the progressive improvement of technical facility, musicianship, expressive interpretation and other skills necessary for solo performance. For music majors with a concentration in percussion. Other: Repeatable three times only.	Applied Skills: Percussion	1 unit
MUSIC 30AR <i>9 lecture hours, 27 lab hours</i> <i>Conditions of Enrollment:</i> Audition Required (Students may enroll in the course, but may be dropped based on the audition result) <i>Transferable to CSU/UC</i> <i>C-ID MUS 160</i> This course consists of individualized study of the appropriate techniques and repertoire for a woodwind instrument. The emphasis is on the progressive improvement of technical facility, musicianship, expressive interpretation, and other skills necessary for solo performance. For music majors with a concentration in either flute, oboe, clarinet, saxophone or bassoon. Other: Repeatable four times only.	Applied Skills: Woodwinds	1 unit	MUSIC 30ER <i>9 lecture hours, 27 lab hours</i> <i>Conditions of Enrollment:</i> Audition required (students may enroll in the course, but may be dropped based on the audition result); Concurrent participation in an appropriate ensemble and enrollment in appropriate-level major preparation courses from the MUS 1A-2E sequence is strongly recommended. <i>Transferable to CSU/UC</i> This course consists of individualized study of the appropriate techniques and repetoire for a string instrument through private instruction. The emphasis is on the progressive improvement of technical facility, musicianship, expressive interpretation and other skills necessary for solo performance. For music majors with a concentration in violin, viola, cello or string bass. Other: Repeatable three times only.	Applied Skills: Strings	1 unit

Programs and Courses

MUSIC 30GR Applied Skills: Classical Guitar 1 unit

9 lecture hours, 27 lab hours
Conditions of Enrollment: Audition required (students may enroll in the course, but may be dropped based on the audition result); Concurrent participation in an appropriate ensemble and enrollment in appropriate-level major preparation courses from the MUS 1A-2E sequence is stronly recommended.
Transferable to CSU/UC
This course consists of individualized study of the appropriate techniques and repetoire for a string instrument through private instruction. The emphasis is on the progressive improvement of technical facility, musicianship, expressive interpretation and other skills necessary for solo performance. For music majors with a concentration in guitar. Other: Repeatable three times only.

MUSIC 31R Applied Skills-Piano 1 unit

9 lecture hours, 27 lab hours
Conditions of Enrollment: Audition Required. (Students may enroll in the course before the audition, but may be dropped based on the audition result); The student must already possess basic music reading skills, fundamental technical skills such as ability to play scales with correct fingering and left-right hand coordination, and some prior experience in playing intermediate solo piano literature. Students without these skills should take elementary or intermediate piano classes first to gain the proficiency level before taking the course.
Transferable to CSU/UC
C-ID MUS 160
Individualized instruction in advanced piano techniques, performance skills, and repertoire. The emphasis is on the progressive development of skills needed for solo performance. Public performance is required. Achievement is evaluated through a juried performance. Audition is required. For music majors with a piano concentration. Other: Repeatable three times only.

MUSIC 32R Applied Skills: Voice 1 unit

9 lecture hours, 27 lab hours
Conditions of Enrollment: Audition Required (Students may enroll in the course, but may be dropped based on the audition result) ; The student must already possess basic music reading skills, fundamental singing skills such as matching pitches and breath technique, and some prior experience in solo or ensemble singing. Students without these skills should take elementary voice classes first to gain the proficiency level before taking this course.
Transferable to CSU/UC
C-ID MUS 160
Individualized instruction in vocal techniques, performance skills, and vocal repertoire. The emphasis is on the progressive development of skills needed for solo performance. Public performance is required. Achievement is evaluated through a juried performance. Other: Repeatable three times only.

MUSIC 33R Chamber Singers 1 unit

36 lecture hours, 54 lab hours
Conditions of Enrollment: Audition required (students may enroll in the course by may be dropped subject to the auditon result.)
Transferable to CSU/UC
This course is for the study, rehearsal and public performance of literature appropriate to the chamber vocal ensemble, with an emphasis on the development of skills needed to perform within a chamber vocal ensemble. Different literature of sacred and/or secular music from various historical and cultural styles will be studied each semester. This course is repeatable for credit the maximum times allowable by regulation. Audition is required. Other: Repeatable three times only. Grades are P/ NP option.

MUSIC 34R Concert Choir 1 unit

9 lecture hours, 27 lab hours
Conditions of Enrollment: Audition required (students may enroll in the course by may be dropped subject to the auditon result.)
Transferable to CSU/UC
This course is for the study, rehearsal and public performance of the standard choral literature from various style periods and cultures, with an emphasis on the development of skills needed to perform within a large ensemble. Different literature will be studied each semester. This course is repeatable for credit the maximum times allowable by regulation. Audition required. Other: Repeatable three times only. Grades are P/NP option.

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 36A Intermediate Guitar 1 unit

9 lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of: MUSIC 35
Transferable to CSU/UC
Intermediate guitar technique with an emphasis on melody and chording.

MUSIC 36B Intermediate Guitar 1 unit

9 lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of: 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: Satisfactory completion of: MUSIC 36B
Transferable to CSU
Intermediate guitar technique with an emphasis on melody and chording.

Programs and Courses

MUSIC 37A Indian Music Ensemble I 1 unit

9 lecture hours, 27 lab hours
Transferable to CSU/UC
Students will receive hands-on musical instruction in North Indian music on instruments such as Tabla, Sitar, Harmonium, and/or vocals. Students are welcome to bring their own non-Indian instruments (e.g. guitar, violin, flute, etc.). No prior musical experience is necessary. This course will serve as an introduction to Indian music. Topics covered will include instrument maintenance, tuning, exercises, and basic theoretical concepts. Grades are P/NP option.

MUSIC 37B Indian Music Ensemble II 1 unit

9 lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of: MUSIC 37A
Transferable to CSU/UC
Students will receive hands-on musical instruction in North Indian music on instruments such as Tabla, Sitar, Harmonium, and/or vocals. Students are welcome to bring their own non-Indian instruments (e.g. guitar, violin, flute, etc.). Topics discussed will include the theory of Indian music, basic playing techniques, and methods for practicing. Students will hear live demonstrations of Indian music, as well as video clips of important musicians such as Ravi Shankar, Ali Akbar Khan, and others. Grades are P/NP option.

MUSIC 37C Indian Music Ensemble III 1 unit

9 lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of: MUSIC 37B
Transferable to CSU/UC
Students will receive hands-on musical instruction in North Indian music on instruments such as Tabla, Sitar, Harmonium, and/or vocals. Students are welcome to bring their own non-Indian instruments (e.g. guitar, violin, flute, etc.). An emphasis will be placed on understanding the aspects of Raga (melody) and Tala (rhythm cycles). Topics discussed will include the many types of traditional compositions as well as methods for improvisation. Grades are P/NP option.

MUSIC 37D Indian Music Ensemble IV 1 unit

9 lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of: MUSIC 37C
Transferable to CSU/UC
Students will receive hands-on musical instruction in North Indian music on instruments such as Tabla, Sitar, Harmonium, and/or vocals. Students are welcome to bring their own non-Indian instruments (e.g. guitar, violin, flute, etc.). Topics discussed will include the historical, cultural and philosophical contexts of Indian music as well as advanced topics related to theory, improvisation, composition and arrangement. Grades are P/NP option.

MUSIC 40A Elementary Voice I 1 unit

9 lecture hours, 27 lab hours
Transferable to CSU/UC
Group instruction in elementary vocal techniques, including tone production, breathing, diction, and basic music reading skills. The students will develop these techniques and performance anxiety management through learning beginning-level songs and performing them for each other in class. Grades are P/NP option.

MUSIC 40B Elementary Voice II 1 unit

9 lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of: MUSIC 40A. Or by placement exam.
Transferable to CSU/UC
Group instruction in elementary vocal techniques, including tone production, breathing, diction, and basic music reading skills. The students will further develop these techniques and performance anxiety management as continuation from MUSIC 40A to gain more facility and awareness in performing art songs and musical theater type repertoire for each other in class. Grades are P/NP option.

MUSIC 40C Intermediate Voice I 1 unit

9 lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of: MUSIC 40B. Or by placement exam
Transferable to CSU/UC
Group instruction in intermediate vocal techniques, including breathing, body alignment, phonation, resonation and articulation. This course will also cover music reading including solfege, efficient practice habits, evaluation of vocal problems, textual analysis and expressive interpretation. Students will apply their knowledge and skills gained in the class to learning and performing art songs including two in foreign languages and musical theater type repertoire in front of an audience with increasing confidence, ease and aesthetic sensitivity. Grades are P/NP option.

MUSIC 40D Intermediate Voice II 1 unit

9 lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of: MUSIC 40B. Or by placement exam
Transferable to CSU/UC
Group instruction in intermediate vocal techniques. As continuation of MUSIC 40C, students will develop a thorough understanding of vocal mechanisms and skills in order to interpret problems in singing and to extrapolate appropriate solutions. The course also places emphasis on appreciation and performance of various vocal literature through analysis, interpretation and public performances. Grades are P/NP option.

MUSIC 41A Elementary Piano 1 unit

9 lecture hours, 27 lab hours
Transferable to CSU/UC
Elementary piano, covering the fundamentals of keyboard theory and technique, reading, solo and ensemble repertoire, and creative activities. (L)

MUSIC 41B Elementary Piano 1 unit

9 lecture hours, 27 lab hours
Prerequisite: MUSIC 41A or Approval of the Instruction upon Audition
Transferable to CSU/UC
Elementary piano covering the fundamentals of keyboard theory and technique, reading, solo and ensemble repertoire, and creative activities.

MUSIC 42 **Intermediate Piano** **1 unit**
9 lecture hours, 27 lab hours
Prerequisite: MUSIC 41B
Transferable to CSU/UC
Group piano class for students with at least one year of concentrated piano study. Emphasis on technique, repertoire, and sight reading skills. (L)

MUSIC 42A **Intermediate Piano** **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
Conditions of Enrollment: Audition Required. (Students may enroll in the course before the audition, but may be dropped based on the audition result).
Transferable to CSU/UC
C-ID MUS 180
This course is for the study, rehearsal and public performance of symphonic band literature, with an emphasis on the development of skills needed to perform with an ensemble. Different literature will be studied each semester. The course is repeatable for credit the maximum times allowable by regulation. Other: Repeatable three times only. Grades are P/NP option.

MUSIC 44R **Chamber Ensemble** **1 unit**
9 lecture hours, 27 lab hours
Conditions of Enrollment: Audition Required. (Students may enroll in the course before the audition, but may be dropped based on the audition result).
Transferable to CSU/UC
This course is for the study, rehearsal, and public performance of literature appropriate to the ensemble, with an emphasis on the development of skills needed to perform within a chamber ensemble. Different literature will be studied each semeter. Choice of ensemble is based on each student's identified major instrument or voice. The course is repeatable for credit the maximum times allowable by regulation. Other: Repeatable three times only. Grades are P/NP option.

MUSIC 47R **Chamber Orchestra** **1 unit**
9 lecture hours, 27 lab hours
Conditions of Enrollment: Audition Required. (Students may enroll in the course before the audition, but may be dropped based on the audition result).
Transferable to CSU
This course is for the study, rehearsal, and public performance of literature appropriate to the chamber orchestra, with an emphasis on the development of skills needed to perform within a large ensemble. Different literature will be studied each semeter. The course is repeatable for credit the maximum times allowable by regulation. Audition required. Other: Repeatable three times only. Grades are P/NP option.

APPLIED MUSIC SKILLS:
Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
MUSIC 30AR—Applied Skills: Woodwinds
MUSIC 30CR—Applied Skills: Composition
MUSIC 31R—Applied Skills-Piano
MUSIC 32R—Applied Skills: Voice

CHORAL ENSEMBLE/PERFORMANCE:
Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
MUSIC 54R—Community Chorus

CONDUCTING:
Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
MUSIC 14A—Conducting I

GUITAR:
Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
MUSIC 35—Beginning Guitar
MUSIC 36A—Intermediate Guitar
MUSIC 36B—Intermediate Guitar
MUSIC 36C—Intermediate Guitar

INSTRUMENTAL ENSEMBLE/PERFORMANCE:
Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
MUSIC 28R—Community Jazz Ensemble
MUSIC 43R—Symphonic Band
MUSIC 44R—Instrumental Chamber Ensemble

Non-Credit Classes

EMT 510 **Health Care Provider CPR**
54 lab hours
The American Heart Association's new basic life support course includes science and education from the 2015 Guidelines Update for CPR and ECC. This course teaches both single-rescuer and team basic life support skills for application in both prehospital and in-facility environments, with a focus on high-quality CPR and team dynamics.

ESL 512 **Low-Beginning Listening and Pronunciation**
54 lab hours
Prerequisite: Or by Placement exam
Listening and pronunciation for beginners. Emphasis on increased listening and comprehension and oral fluency of simple spoken English in common daily personal communication. Novice vocabulary and structures. Concurrent enrollment in ESL 213/513, 214/514, and 215/515 is highly recommended.

ESL 514 **English Conversation, Level 1**
28-36 lecture hours
The first course in conversation for low-beginning ESL students. Develops basic listening and speaking skills using everyday conversation in small groups and one-on-one. Emphasis on listening comprehension, pronunciation, intonation, and role-playing simulations. Students will develop basic English vocabulary and grammar necessary for successful communication. Topics include personal and family information, daily activities, and other subjects of general interest. Concurrent enrollment in ESL 212/512, 213/513, 215/515, and 226L/526LR is highly recommended.

ESL 515 **Integrated Skills, Level 1**
90 lab hours
Prerequisite: Placement exam
Language development for low-beginning, limited English speakers. Concentration on all language skills--reading, writing, listening, speaking, and grammar. This is the first course in a series of six. Prepares students for ESL 225/ ESL 525 and other level two ESL courses.

ESL 516A **Academic Reading and Writing for ESL 1**
64-72 lab hours
Prerequisite: Satisfactory completion of: ESL 268 or ESL 568 or ESL 265 or ESL 565 or by 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, summary-response compositions, and small group and whole class work to strengthen basic reading and writing skills. Concurrent enrollment in 40A, 40B, and/or 40C recommended.

INSTRUMENTAL ENSEMBLE/PERFORMANCE:
Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
MUSIC 37A—Indian Music Ensemble I
MUSIC 37B—Indian Music Ensemble II
MUSIC 37C—Indian Music Ensemble III
MUSIC 37D—Indian Music Ensemble IV

MUSICAL THEATRE:
Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
MUSIC 26—Musical Theatre Workshop

PIANO:
Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
MUSIC 41A—Elementary Piano
MUSIC 41B—Elementary Piano
MUSIC 42—Intermediate Piano
MUSIC 42A—Intermediate II Piano

VOICE:
Family of Classes
(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)
MUSIC 40A—Elementary Voice I
MUSIC 40B—Elementary Voice II
MUSIC 40C—Intermediate Voice I
MUSIC 40D—Intermediate Voice II

ESL 516B Academic Reading and Writing for ESL 2
64-72 lab hours
Prerequisite: Satisfactory completion of: ESL 116A or ESL 516A or by placement exam

This course emphasizes the development of reading and writing skills including varied sentence types, use of phrases and clauses, grammar and mechanics, paragraphs, summary-response, short essays, the writing process, and small group and whole class work to strengthen basic reading skills, make inferences and read critically. Concurrent enrollment in 40A, 40B, and/or 40C recommended.

ESL 522 Beginning Listening and Pronunciation
54 lab hours
Prerequisite: Satisfactory completion in: ESL 212 or ESL 512 or by placement exam.

This course covers listening and pronunciation for beginners. Emphasis will be placed on increasing listening comprehension and oral fluency of simple spoken English in common daily personal and academic communication. Concurrent enrollment in ESL 223/523, 224/524, 225/525, and 226L/526LR is highly recommended.

ESL 524 English Conversation, Level 2
28-36 lecture hours
Prerequisite: Satisfactory completion of: ESL 214 or ESL 514LR or by placement exam.

The second course in conversation for low-beginning ESL students. Builds on basic listening and speaking skills using everyday conversation in small groups and one-on-one. Emphasis on listening comprehension, pronunciation, intonation, and role-playing simulations. Students will further develop English vocabulary and grammar necessary for successful communication. Topics include comparison of students' and American cultures, geographic directions, clarification techniques, and other subjects of interest. Concurrent enrollment in ESL 225/525, 222/522, 223/523, and 226L/526LR is highly recommended.

ESL 525 Integrated ESL Skills, Level 2
90 lab hours
Prerequisite: Satisfactory completion of: ESL 215 or ESL 515 or by placement exam.

Language development for beginning, limited English speakers. Concentration on all language skills: reading, writing, listening, speaking, and grammar. This is the second course in a series of six. Prepares students for ESL 235/535 and other level three ESL courses.

ESL 526L English As a Second Language, Lab 1
36-54 lab hours

Supplements English as a Second Language Levels 1 through 3 courses by providing additional academic support, practice, and exercises in grammar, reading, writing, vocabulary, listening comprehension, pronunciation, speaking and conversation. Students receive individualized and group instruction under supervision as needed.

ESL 533 High-Beginning Grammar
48-54 lecture hours
Conditions of Enrollment: Or by placement

High-beginning grammar for ESL students. This course introduces students who have beginning language skills to simple sentences and short paragraphs in simple past and past continuous tenses. Concurrent enrollment in ESL 235/535 is highly recommended.

ESL 535 Integrated ESL Skills, Level 3
80-90 lab hours
Prerequisite: Satisfactory completion of: ESL 225 or ESL 525 or by placement exam.

Language development for high-beginning limited English speakers; concentration on all language skills: listening, speaking, reading, writing, and grammar. This is the third course in a series of six. Prepares students for ESL 245 and ESL level four courses.

ESL 539ECE English Skills for Parents and Child Care Providers
80-90 lab hours
Conditions of Enrollment: Or by placement exam.

This high-beginning course develops oral and written communication skills in standard English within the context of child care, child rearing, and parenting. Students develop and practice the listening, speaking, reading, and writing skills useful for communicating with and about children at different stages of development on topics including day-to-day care, health, and safety. This course is intended for non-native speakers of English who are parents, grandparents, child care providers, preschool teachers, and students of Child Development. This course is recommended for non-native speakers at high-beginning level. It is recommended that students enroll in or have successfully completed ESL 235/535.

ESL 539MAT The Language of Arithmetic for ESL Students
48-54 lab hours
Prerequisite: Satisfactory completion of: ESL 223 or ESL 225; ESL 523 or ESL 525. Other: (Placement Exam Score) or ESL level 3 (high-beginning) and above. Students should demonstrate via the placement exam or completion of ESL 223/523 and/or 225/525 that they have achieved a high-beginning competency of English to better their chance of success in this course. Not open to students who have successfully completed ESL 259MAT/559MAT or by placement exam

This course is intended to develop the abilities of speakers of other languages and cultures to (1) read and comprehend, (2) write, in words, numbers, and notations, and (3) verbally express the language of arithmetic necessary for appropriate computations using whole numbers within standards of the American educational system, including, but not necessarily limited to addition, subtraction, multiplication, and division.

ESL 540A Low-Advanced Grammar
48-54 lab hours
Prerequisite: Satisfactory completion of: ESL 263 or ESL 563 or by placement exam.

Low-advanced grammar for ESL students. This course introduces students to a theme-based grammar and teaches them to read, write and speak English with grammatical accuracy and fluency in real-life contexts. Includes a functional study of the 12 tenses. Concurrent enrollment in ESL 116A/B, ESL 516A/B, or ENG 51/56/1A is highly recommended.

ESL 543 Low-Intermediate Grammar
48-54 lecture hours
Prerequisite: Satisfactory completion of: ESL 233 or ESL 533 or by placement exam.

Low-intermediate grammar for ESL students. This course introduces students to writing paragraphs containing both compound and complex sentences in past and present tenses. Concurrent enrollment in ESL 245/545 is highly recommended.

ESL 545 Integrated Skills, Level 4
80-90 lab hours
Prerequisite: Satisfactory completion of: ESL 235 or ESL 535 or by placement exam.

Language development for low-intermediate limited English speakers. Concentration on all language skills: listening, speaking, reading, writing, and grammar. This is the fourth course in a series of six leading to a certificate of completion in English at the low-intermediate level.

ESL 546LR English As a Second Language, Lab 2
37-54 lab hours

Supplements English as a Second Language Levels 4 through 6 courses by providing additional academic support, practice, and exercises and other academic activities in grammar, reading, writing, vocabulary, listening comprehension, pronunciation, and conversation. Students receive individualized and group instruction under supervision as needed.

ESL 549COM Computer Skills for ESL Students
54 lab hours

Provides students with the basic computer and word processing skills necessary to format, type, retrieve, and revise simple documents. Students learn to use varied software and perform basic research related to their academic needs and future employment using the internet. Additionally, students will work on English skills, such as reading and following directions (both reading and listening), and development of vocabulary related to computers. Intended for non-native English speakers with at least low-intermediate English proficiency. Concurrent enrollment in Level 4 ESL courses (e.g. 245, 243) is strongly recommended.

ESL 553 Intermediate Grammar
48-54 lecture hours
Prerequisite: Satisfactory completion of: ESL 243 or ESL 543 or by placement exam.

Intermediate grammar for ESL students. This course introduces students to writing paragraphs containing compound and complex sentences in present, past, and future tenses. Concurrent enrollment in ESL 255/555 or 258/558 is highly recommended.

ESL 555 Integrated ESL Skills, Level 5
80-90 lab hours
Prerequisite: Satisfactory completion of: ESL 245 or ESL 545 or by placement exam.

Language development for intermediate limited English speakers. Concentration on all language skills – reading, writing, speaking, listening, and grammar. This non-credit course is the fifth in a series of six non-credit integrated skill courses (515, 525, 535, 545, 555, and 565) leading to a certificate of completion in English at the high-intermediate level.

ESL 558 Intermediate Writing
72 lab hours
Prerequisite: Satisfactory completion of: ESL 245 or ESL 545 or by placement exam.

Writing for intermediate ESL. Develops ability to write more detailed paragraphs using simple and compound sentences in varied verb tenses with proper grammar and mechanics. Concurrent enrollment in ESL 253/553 and 255/555 highly recommended.

ESL 559 English for Employment
48-54 lab hours
Conditions of Enrollment: Or by placement exam.

Prepares students for vocational training and/or employment. Includes vocabulary for the world of work and skill development for job search, application and job retention. Intended for non-native English speakers with at least intermediate English proficiency. Concurrent enrollment in ESL 252, 253, 257, 257, 258 and/or 255 and above is highly recommended. (C,L)

ESL 559MAT The Language of Mathematics for ESL Students
80 lab hours
Prerequisite: Satisfactory completion of: ESL 233 or ESL 235 or by placement exam.

This course develops the English speaking abilities of non-native English speakers specifically in regards to the language and vocabulary of mathematics as it is used in the American educational system. Students will learn to read, write, and verbally express mathematical words, numbers, and notations.

ESL 563 High-Intermediate Grammar
48-54 lecture hours
Prerequisite: Satisfactory completion of: ESL 253 or ESL 553 or by placement exam
High-intermediate grammar for ESL students. This course introduces students to reading and writing short paragraphs and/or compositions containing compound and complex sentences in present, past, present perfect, and future tenses. Concurrent enrollment in ESL 265/565 or 268/568 is highly recommended.

ESL 565 Integrated ESL Skills, Level 6
90 lecture hours
Prerequisite: Satisfactory completion of: ESL 255 or ESL 555 or by placement exam.
Language development for high-intermediate limited English speakers. Concentration on all language skills – reading, writing, speaking, listening, and grammar. This non-credit course is the fifth in a series of six non-credit integrated skill courses (515, 525, 535, 545, 555, and 565) leading to a certificate of completion in English at the high-intermediate level.

ESL 568 High-Intermediate Writing
Prerequisite: Satisfactory completion of: ESL 258 or ESL 558 or ESL 255 or ESL 555. Or by placement exam.
Writing for high-intermediate ESL students. Further develops ability to write longer, correctly formatted paragraphs and short compositions with simple, compound, and complex sentences using proper grammar, spelling and verb tenses. Concurrent enrollment in ESL 263/563 and 265/565 is highly recommended.

FIRTC 590 Firefighter Physical Ability
1 lecture hours, 3 lab hours
Corequisite: Concurrent enrollment or satisfactory completion of FIRTC 64
Assists with physically preparing the student's ability to perform firefighting job performance requirements. Instruction on the proper body mechanics and methods used for each of the tasks that are performed on the fire ground. Prepares the student to pass the standard firefighter fitness test for employment. Evaluation scores maybe used by local fire departments for pre-hiring testing.

LEARN 515 Academic Strategies
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 include: 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.

LEARN 518 Workforce Reading and Writing Skills
36 lecture hours, 54 lab hours
Designed for students with disabilities, learning differences, and/or a history of difficulty developing reading/writing skills. Review of basic skills in written language in preparation for entering the workforce. Emphasis on building competency in reading comprehension and writing proficiency typically needed for success in vocational and/or entry level employment. May incorporate use of assistive computer technology. Recommendation: Basic reading/writing skills, familiarity with computers, and a readiness for college participation.

LEARN 551 Academic Evaluation
18 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.

LEARN 555 Beginning Assistive Computer Technology
18 lecture hours, 54 lab hours
Designed for students with disabilities who have limited computer experience. Focus is on use of keyboard/mouse, personal data storage, basic MS Word, use of MyCampus Portal and Canvas, internet use, educational websites, and software for independent learning. Incorporates an overview of currently available assistive computer technology used to meet the educational needs of students with physical, learning, and cognitive impairments. Course is open entry/open exit.

LEARN 556 Intermed Assistive Computer Technology
18 lecture hours, 54 lab hours
Designed for students with disabilities in need of assistive computer technology to ensure equal access to college materials and improved efficiency on academic tasks. Prepares student for independent use of current technologies available in college computer labs, modern work environments, and personally adapted home computer systems. Recommendation basic reading/writing skills and familiarity with computers. Course is open entry/open exit.

LEARN 575 Workforce Mathematics
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. Recommendation: Basic reading/writing skills, familiarity with computers, and a readiness for college participation.

LEARN 590 Supervised Tutoring
1-162 lab hours
Individualized and group assistance in specific courses.

LEARN 590A Supervised Tutoring for College Success Center
1-162 lab hours
Individualized and group assistance in specific courses.

LEARN 590B Supervised Tutoring in Writing
1-162 lab hours
Individualized and small group assistance for reading and writing in courses across the curriculum.

MUSIC 540 Vocal Techniques
6-9 lecture hours, 20-27 lab hours
Conditions of Enrollment: Audition is required to determine the technical level of the student.
Instruction in vocal techniques, tone production, breathing, and diction, and their application to the art song and musical theatre repertoires, appropriate to student age and abilities. This is a noncredit course primarily but not exclusively intended for older adults as part of a life-long education providing opportunities for personal growth and development, community involvement, and skills for mental and physical well-being through creative expression of music making.

MUSIC 543 Symphonic Band
15-18 lecture hours, 50-54 lab hours
Conditions of Enrollment: Audition Required (This is a public performance course, where student may be dropped based on the audition result if allocating available seats to students who have been judged most qualified was necessary, pursuant to Title 5, Section 58106.)

This course is for the study, rehearsal, and public performance of symphonic band literature, with an emphasis on the development of skills needed to perform within an ensemble. Different literature will be studied each semester. This is a non-credit course primarily but not exclusively intended for older adults as part of a lifelong education, providing opportunities for personal growth and development, community involvement, and skills for mental and physical well-being through creative expression of music making.

MUSIC 547 Chamber Orchestra
9 lecture hours, 27 lab hours
Conditions of Enrollment: Ability to read music on an orchestral instrument.

This course is for the study, rehearsal, and public performance of literature appropriate to the chamber orchestra, with an emphasis on the development of skills needed to perform within a large ensemble. Different literature will be studied each semester. This is a non-credit course primarily but not exclusively intended for older adults as a lifelong education that provides opportunities for personal growth and development, community involvement, and skills for mental and physical well-being through creative expression of music making.

MUSIC 554 Community Chorus
9 lecture hours, 27 lab hours
This course is for the study, rehearsal and performance of choral literature from various styles, periods, and cultures, with an emphasis on the development of skills needed to perform within an ensemble. Open to all students and members of the community. Different literature will be studied each semester. This is a non-credit course primarily but not exclusively intended for older adults as a lifelong education that provides opportunities for personal growth and development, community involvement, and skills for mental and physical well-being through creative expression of music making.

MUSIC 558 Community Jazz Ensemble
9 lecture hours, 27 lab hours
This course is for the study, rehearsal, and public performance of jazz ensemble literature, with an emphasis on the development of skills needed to perform within an ensemble. Different literature will be studied each semester. This is a non-credit course primarily but not exclusively intended for older adults as part of a lifelong education, providing opportunities for personal growth and development, community involvement, and skills for mental and physical well-being through creative expression of music making.

STAT 500	Algebra Support for Elementary Statistics
<i>Corequisite:</i> Concurrent enrollment or satisfactory completion of: STAT 1 <i>36 lecture hours</i> A review of prerequisite skills, competencies, and concepts needed in statistics. Intended for students who are concurrently enrolled in STAT 1 Introduction to Statistical Methods, at Yuba College. Topics include concepts from elementary and intermediate algebra that are needed to understand the basics of college-level statistics. Concepts are taught in the context of statistical analysis.	
THART 526	Musical Theater Workshop
<i>162 lab hours</i> <i>Other:</i> Audition This course is designed to enrich the artistic expression and life quality of older adults through musical theatre. This course provides an opportunity for personal growth and development, group interaction, mental stimulation and physical activity through supervised participation in a college musical theatre production. Physical, mental, social and emotional well-being are stimulated through a variety of creative and expressive musical theatre activities related to rehearsal and live performance including singing, dancing, musical performance, acting, directing, design, and stagecraft. Performing roles require an audition or interview.	
THART 529	College Theatre
<i>54-162 lab hours</i> <i>Other:</i> Audition; In order to be fully successful in this course, students should already possess some knowledge of theatre performance and production. This course is designed to enrich the artistic expression and life quality of older adults through theatre. This course provides an opportunity for personal growth and development, group interaction, mental stimulation and physical activity through supervised participation in a college theatre production. Physical, mental, social and emotional well-being are stimulated through a variety of creative and expressive theatre activities related to rehearsal and live performance including acting, directing, design, and stagecraft. Acting roles require an audition or interview.	

<h1>Nursing</h1> <p>Yuba College offers an Associate Degree Nursing program leading to licensure as an Registered Nurse (RN). A career ladder program for LVN's wishing to advance to the RN level is also available. All students are advised to check the Yuba College Website for nursing (nursing.yccd.edu) often for new information relative to application and admission. Graduates after passing the National Council of State Boards of Nursing Licensing Examination will have a variety of employment opportunities.</p> <h2>NURSING (ADN) (Associate in Science)</h2> <p><i>Students who complete this program should be able to:</i></p> <ol style="list-style-type: none"><i>1. Communicate and collaborate with interdisciplinary health care partners in providing care to diverse population of patients and families.</i><i>2. Demonstrate problem solving skills while utilizing resources to apply best practices to deliver safe and effective care.</i><i>3. Demonstrate understanding of and apply evidence based practice in rendering ethical, competent and culturally sensitive care across the lifespan to all patients.</i> <p>ADN Admission Requirements:</p> <p>Costs: In addition to the expenses of regularly enrolled students (living costs, activity fees, books, tuition, etc.), Nursing students have the additional expenses of uniforms, licensing, health examination, drug testing, criminal background check, and others expenses. Nursing students are eligible for grants and loans available to any Yuba College student meeting the financial aid criteria. Upon completion of the Program, the graduate, unless otherwise disqualified by the licensing board, is eligible to take the National Council of State Boards of Nursing Licensing Examination.</p> <p>Drug Policy: All students enrolled in nursing and allied health programs are subject to the department drug policy and procedure which can be found in the Student Handbook located on the Yuba College Website for nursing (nursing.yccd.edu).</p> <p>Criminal Background Checks: All clinical agencies used in the nursing programs require criminal background screening. Applicants who are found to have certain violations that preclude clinical placement will have the offer of admission rescinded. Costs associated with the background screening is the responsibility of the applicant.</p> <p>Pre-Admission Testing: Prior to admission, all applicants are required to complete a pre-admission assessment exam (TEAS). Preadmission testing is required for all students.</p> <p>Enrollment Eligibility: To be eligible for enrollment in the program, the student must meet the following criteria:</p> <ol style="list-style-type: none">The program uses a multi-criteria enrollment process based on the California Community College Chancellor's Office admission formula to evaluate and admit applicants. See our website nursing.yccd.edu for more details. Students must reapply each semester. There is no waiting list.	<ol style="list-style-type: none">Successful completion with "C" grade or higher of the course prerequisites.Achieve a score of >62% on the latest Test of Essential Academic Skills (TEAS), developed by Assessment Technologies Institute (ATI). <p>Enrollment Process: Eligible students are selected for the program according to the following steps:</p> <ol style="list-style-type: none">Meet all eligibility requirements and complete our online application. Visit the nursing website: nursing.yccd.edu for more information.Applicants will be admitted on a space-available basis using the multi-criteria screening process. Admitted students must complete a Yuba College application and complete the college entry requirements. <p>ADN Admission Requirements:</p> <p>PREREQUISITE COURSEWORK:</p> <table><thead><tr><th></th><th>Units</th></tr></thead><tbody><tr><td>Biology (minimum cumulative 2.50 GPA required):</td><td></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>BIOL 6 Microbiology</td><td>4</td></tr><tr><td>English (minimum 2.50 GPA required):</td><td></td></tr><tr><td>ENGL 1A College Composition and Reading</td><td>4</td></tr><tr><td>Pharmacology and Pathophysiology (minimum 2.50 cumulative GPA required):</td><td></td></tr><tr><td>NURS 26 Pharmacology</td><td>3</td></tr><tr><td>NURS 36 Pathophysiology.....</td><td>4</td></tr><tr><td>STAT 1 Introduction to Statistics.....</td><td>4</td></tr><tr><td>CHEM 2A Introductory Chemistry.....</td><td>5</td></tr><tr><td>HLTH 10 Principles of Nutrition</td><td>3</td></tr><tr><td>PSYCH 1A General Psychology</td><td>3</td></tr><tr><td>SOCIL 1 Introduction to Sociology OR</td><td>3</td></tr><tr><td> ANTHR 2 Cultural Anthropology</td><td>3</td></tr><tr><td>SPECH 1 Public Speaking OR</td><td>3</td></tr><tr><td> SPECH 6 Group Communication.....</td><td>3</td></tr><tr><td>Humanities GE</td><td>3</td></tr></tbody></table> <p>SomeADN prerequisite courses have their own prerequisite(s). Please refer to the current course description for additional information.</p> <p>Required Courses:</p> <table><thead><tr><th></th><th>Units</th></tr></thead><tbody><tr><td>First Semester</td><td></td></tr><tr><td>NURS 1 Fundamentals of Medical Surgical</td><td>9</td></tr><tr><td>Second Semester</td><td></td></tr><tr><td>NURS 2 Introduction Medical Surgical Nursing</td><td>7</td></tr><tr><td>NURS 22 Obstetrical Nursing.....</td><td>3.5</td></tr><tr><td>Third Semester</td><td></td></tr><tr><td>NURS 3 Intermediate Medical Surgical Nursing</td><td>5</td></tr><tr><td>NURS 21 Pediatric Nursing.....</td><td>3.5</td></tr><tr><td>Fourth Semester</td><td></td></tr><tr><td>NURS 4 Advanced Medical Surgical Nursing.....</td><td>6.5</td></tr><tr><td>NURS 33 Psychiatric/Mental Health Nursing.....</td><td>4</td></tr><tr><td>Total units required for degree major.....</td><td>38.5</td></tr></tbody></table> <p><i>Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.</i></p>		Units	Biology (minimum cumulative 2.50 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	Pharmacology and Pathophysiology (minimum 2.50 cumulative GPA required):		NURS 26 Pharmacology	3	NURS 36 Pathophysiology.....	4	STAT 1 Introduction to Statistics.....	4	CHEM 2A Introductory Chemistry.....	5	HLTH 10 Principles of Nutrition	3	PSYCH 1A General Psychology	3	SOCIL 1 Introduction to Sociology OR	3	ANTHR 2 Cultural Anthropology	3	SPECH 1 Public Speaking OR	3	SPECH 6 Group Communication.....	3	Humanities GE	3		Units	First Semester		NURS 1 Fundamentals of Medical Surgical	9	Second Semester		NURS 2 Introduction Medical Surgical Nursing	7	NURS 22 Obstetrical Nursing.....	3.5	Third Semester		NURS 3 Intermediate Medical Surgical Nursing	5	NURS 21 Pediatric Nursing.....	3.5	Fourth Semester		NURS 4 Advanced Medical Surgical Nursing.....	6.5	NURS 33 Psychiatric/Mental Health Nursing.....	4	Total units required for degree major.....	38.5
	Units																																																																
Biology (minimum cumulative 2.50 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																																																																
Pharmacology and Pathophysiology (minimum 2.50 cumulative GPA required):																																																																	
NURS 26 Pharmacology	3																																																																
NURS 36 Pathophysiology.....	4																																																																
STAT 1 Introduction to Statistics.....	4																																																																
CHEM 2A Introductory Chemistry.....	5																																																																
HLTH 10 Principles of Nutrition	3																																																																
PSYCH 1A General Psychology	3																																																																
SOCIL 1 Introduction to Sociology OR	3																																																																
ANTHR 2 Cultural Anthropology	3																																																																
SPECH 1 Public Speaking OR	3																																																																
SPECH 6 Group Communication.....	3																																																																
Humanities GE	3																																																																
	Units																																																																
First Semester																																																																	
NURS 1 Fundamentals of Medical Surgical	9																																																																
Second Semester																																																																	
NURS 2 Introduction Medical Surgical Nursing	7																																																																
NURS 22 Obstetrical Nursing.....	3.5																																																																
Third Semester																																																																	
NURS 3 Intermediate Medical Surgical Nursing	5																																																																
NURS 21 Pediatric Nursing.....	3.5																																																																
Fourth Semester																																																																	
NURS 4 Advanced Medical Surgical Nursing.....	6.5																																																																
NURS 33 Psychiatric/Mental Health Nursing.....	4																																																																
Total units required for degree major.....	38.5																																																																

LICENSED VOCATIONAL NURSING (LVN) TO REGISTERED NURSING (RN) CAREER MOBILITY PROGRAM (Associate in Science)

Students who complete this program should be able to:

1. Communicate and collaborate with interdisciplinary health care partners in providing care to diverse population of patients and families.
2. Demonstrate problem solving skills while utilizing resources to apply best practices to deliver safe and effective care.
3. Demonstrate understanding of and apply evidence based practice in rendering ethical, competent and culturally sensitive care across the lifespan to all patients.

LVN to RN Career Mobility Admission Requirements:

This degree is designed for the California Licensed Vocational Nurse (LVN) who is admitted for advanced placement into the Registered Nursing (Associate Degree) Program. The graduate of the Associate Degree Nursing program demonstrates entry-level competencies and meets the educational requirements necessary to take the National Council Licensure Examination (NCLEX-RN) to become licensed as a Registered Nurse and eligible for employment.

Costs: In addition to the expenses of regularly enrolled students (living costs, activity fees, books, tuition, etc.), Nursing students have the additional expenses of uniforms, licensing, health examination, drug testing, criminal background check, and others expenses. Nursing students are eligible for grants and loans available to any Yuba College student meeting the financial aid criteria. Upon completion of the Program, the graduate, unless otherwise disqualified by the licensing board, is eligible to take the National Council of State Boards of Nursing Licensing Examination.

Drug Policy: Students enrolled in nursing and allied health programs are subject to the department drug policy and procedure which can be found in the Student Handbook located on the Yuba College Website for nursing (nursing.yccd.edu).

Criminal Background Checks: Clinical agencies used in the nursing programs require criminal background screening. Applicants who are found to have certain violations that preclude clinical placement will have the offer of admission rescinded. Costs associated with the background screening is the responsibility of the applicant.

Pre-Admission Testing: Prior to admission, all applicants are required to complete a pre-admission assessment exam (TEAS). Preadmission testing is required for all students.

Enrollment Eligibility: To be eligible for enrollment in the program, the student must meet the following criteria:

- a. The program uses a multi-criteria enrollment process based on the California Community College Chancellor's Office admission formula to evaluate and admit applicants. See our website nursing.yccd.edu for more details. Students must reapply each semester. There is no waiting list.
- b. Current California Vocational Nurse License. Recent V.N. graduates must submit proof of licensure prior to completing application.
- c. Graduation from an accredited vocational school

of nursing or demonstrated mastery of course content by Challenge Examination.

d. Have a Certification of completion for Intravenous Therapy

e. Successful completion with a "C" grade or higher of the course prerequisites. Note: There is no recency requirement for prerequisites.

f. Completion of NURS 37 LVN to RN Bridge Course with "C" grade or higher prior to or during the semester of application.

g. Achieve a score of >62% on the latest Test of Essential Academic Skills (TEAS), developed by Assessment Technologies Institute (ATI).

Enrollment Process:

Eligible students are selected for the program according to the following steps:

- 1. Meet all eligibility requirements and apply to the program. Visit the nursing website nursing.yccd.edu for more information.
- 2. Applicants will be admitted on a space-available basis. Admitted student must complete a Yuba College application and complete the college entry requirements.

PREREQUISITE COURSEWORK:	Units
Biology (minimum cumulative 2.50 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
Pathophysiology (minimum 2.50 cumulative GPA required):	
NURS 36 Pathophysiology.....	4
STAT 1 Introduction to Statistics.....	4
CHEM 2A Introductory Chemistry.....	5
HLTH 10 Principles of Nutrition	3
PSYCH 1A General Psychology	3
SOCIL 1 Introduction to Sociology OR	3
ANTHR 2 Cultural Anthropology	3
SPECH 1 Public Speaking OR.....	3
SPECH 6 Group Communication.....	3
Humanities GE	3

Some ADN prerequisite courses have their own prerequisite(s). Please refer to the current course description for additional information.

Program Requirements

Required Courses:	Units
First Semester:	
NURS 3 Intermediate Medical Surgical Nursing	5
NURS 21 Pediatric Nursing	3.5

Second Semester:	
NURS 4 Advanced Medical Surgical Nursing	6.5
NURS 33 Psychiatric/Mental Health Nursing.....	4
Total units required	19

Recommended Courses	Units
NURS 56 Nursing Skills Lab	1
NURS 57 Second Year Advanced Nursing Skills Lab	1
Students who complete this program should be able to:	
1. Communicate and collaborate with interdisciplinary healthcare partners in providing care to a diverse population of patients and families.	
2. Demonstrate problem solving skills while utilizing resources to apply best practices to deliver safe and effective care.	
3. Demonstrate understanding of and apply evidence based practice in rendering ethical, competent and culturally sensitive care across the lifespan to all patients.	

LVN TO RN ONLY (30-UNIT OPTION) Certificate of Achievement (with 30-59.5 units)

Meets California State Regulation 1429, and those completing this track are eligible to apply for the National Council of State Boards of Nursing Licensing Examination in preparation for licensure as a Registered Nurse. This is a non-degree option. States other than California may not grant Registered Nurse (RN) licensure based on completion of this option. Career laddering to a higher level such as Bachelor of Science in Nursing may be limited by this option as well. It is recommended the applicant call the Nursing Department for more information. Students who qualify will be admitted each semester on a space available basis.

Admission Criteria:

A. All applications are obtained and filed with the Nursing Office at the Yuba College main campus in Marysville. Applicants will be admitted on a space-available basis points in multi-criteria screening process and by date of receipt of completed application packet. Contact the Nursing Office for admission procedures, information.

B. Eligibility. Minimum qualifications for admission to this track are:

- 1. Current California Vocational Nurse License. Recent V.N. graduates must submit proof of licensure prior to completing application.
- 2. Graduation from an accredited vocational school of nursing or demonstrated mastery of course content by Challenge Examination.
- 3. IV Certified
- 4. Completion of the following courses with an overall averaged GPA of 2.5 or higher in the following courses:

BIOL 5 Human Physiology, BIOL 6 Introductory Microbiology; NURS 36 Pathophysiology

5. Completion of the following individual courses with a "C" or higher: BIOL 5 Human Physiology, BIOL 6 Introductory Microbiology; NURS 36 Pathophysiology

Students who complete this program should be able to:

1. Communicate and collaborate with interdisciplinary healthcare partners in providing care to a diverse population of patients and families.
2. Demonstrate problem solving skills while utilizing resources to apply best practices to deliver safe and effective care.
3. Demonstrate understanding of and apply evidence based practice in rendering ethical, competent and culturally sensitive care across the lifespan to all patients.

Program Requirements

Nursing Major	Units (31 Required)
NURS 3 Medical Surgical Nursing 3.....	5
NURS 21 Pediatric Nursing	3.5
NURS 33 Psychiatric/Mental Health Nursing.....	4
NURS 4A Medical-Surgical Nursing IV.....	3.5
NURS 4B Leadership in Nursing.....	3
NURS 36 Pathophysiology: Understanding Disease.....	4
BIOL 5 Human Physiology	4
BIOL 6 Introductory Microbiology	4
Total units required	31

Programs and Courses

NURS 1	Fundamentals of Medical Surgical	9 units
<i>72 lecture hours, 270 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: NURS 36 and NURS 26. <i>Other:</i> Formal admission to the Yuba College Nursing program. <i>Transferable to CSU</i> Introduces the first semester nursing student to concepts and practices of medical surgical (and/or skilled care) nursing, as they relate to non-critical patients (young adult through geriatric). Emphasis on recognizing alterations in physiological functioning and formulating age- and acuity-appropriate interventions. Psychomotor skills associated with meeting basic needs, medication administration, physical assessment, and sterile techniques will be studied and practiced. (L,M)		
NURS 2	Introduction to Medical Surgical Nursing	7 units
<i>72 lecture hours, 162 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: NURS 1 <i>Transferable to CSU</i> This course focuses 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. (L,M,C)		
NURS 3	Intermediate Medical Surgical Nursing	5 units
<i>36 lecture hours, 162 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: NURS 2 <i>Transferable to CSU</i> 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. (L,M,C)		
NURS 4	Advanced Medical Surgical Nursing	6.5 units
<i>54 lecture hours, 189 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: NURS 3 <i>Transferable to CSU</i> This course introduces concepts related to patients with hematologic, immunologic, burns, infective, and cancerous processes and diseases. The topics of Leadership and Management, Delegation, Quality and Safety, Time Management, Conflict Resolution, Organization Structure and Change, Legal and Ethical issues, and Role Transition are content focuses. The scope of practice of the registered nurse as defined by the California Business and Professions Code is discussed along with an outlook on the future of nursing and nursing practice.		

NURS 4A	Medical-Surgical Nursing IV	3.5 units
<i>36 lecture hours, 81 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: NURS 3 <i>Transferable to CSU</i> This course is designed to provide lecture 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.		
NURS 4B	Leadership in Nursing	3 units
<i>18 lecture hours, 108 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: NURS 4A <i>Transferable to CSU</i> Focuses on advanced concepts and principles of nursing practice as well as in-depth theory related to selected biophysical and psycho-social 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.		
NURS 18	Comprehensive Review for the NCLEX RN Examination	1 unit
<i>18 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: NURS 4A <i>Transferable to CSU</i> 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
<i>18 lecture hours</i> <i>Transferable to CSU</i> 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 rigors 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
<i>27 lecture hours, 108 lab hours</i> <i>Transferable to CSU</i> This pediatric course focuses on registered nurses' care from infancy through adolescence. Health problems are studied in the acute and community care setting. Education of the pediatric client and their family on health promotion, growth and development, disease prevention, and safety issues are addressed. Ethical and legal issues are discussed. The impact of diverse cultural and spiritual beliefs on health care decisions are explored. (L,M,C)		

Programs and Courses

NURS 22	Obstetrical Nursing	3.5 units
<i>27 lecture hours, 108 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: NURS 1 <i>Transferable to CSU</i> 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. (L,M,C)		
NURS 26	Pharmacology	3 units
<i>54 lecture hours</i> <i>Other Conditions:</i> BIOL (Anatomy) 4 and BIOL 5 (Physiology) Recommended <i>Transferable to CSU</i> Basic principles of pharmacology with focus on pharmacokinetics, pharmacodynamics and related therapeutic implication 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
<i>36 lecture hours, 108 lab hours</i> <i>Transferable to CSU</i> Eclectic approach to psychiatric and mental health nursing including psychodynamics of human behavior, group dynamic, therapeutic communication and psychopharmacology, with an emphasis on concepts 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 interactions with clients, participating in group process, staff conferences and various treatment modalities. (L,M)		
NURS 36	Pathophysiology: Understanding Disease	4 units
<i>72 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: BIOL 4; BIOL 5 <i>Transferable to CSU</i> 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 abnormal physiology. Core course content for NURS 1 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. (L,C)		
NURS 37	LVN to RN Bridge Course	2 units
<i>36 lecture hours</i> <i>Transferable to CSU</i> The bridge course is designed to prepare the Licensed Vocational Nurse to enter the 3rd semester of the ADN Program and to facilitate transition from the LVN to RN role.		

NURS 51	Medical Terminology	3 units
<i>54 lecture hours</i> Intended to assist those studying in the fields of medicine and health care by learning a word-building system for defining, using, spelling and pronouncing medical words. Course is designed for those preparing for a health career such as nursing, medical secretary, ward secretary, emergency medical technician, medical technologist, respiratory therapist, or other fields that require a medical vocabulary. (C)		
NURS 55	Nursing Skills Lab	1 unit
<i>54 lab hours</i> Designed for nursing students to remediate or update nursing skills and 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
<i>54 lab hours</i> Designed for nursing students in the advanced instruction to practice and/or remediate in advanced nursing skills. Areas of practice include advanced procedures, technological equipment experience, help with advanced analysis of assessment findings, diagnostics, and multiple system acute pathologies, activities to promote critical thinking, simulation, and developing complex nursing care plans. Grades are P/ NP. (L,M,C)		
NURS 57	Second Year Advanced Nursing Skills Lab	1 unit
<i>54 lab hours</i> Designed for 2nd year nursing student to practice and/or remediate in advanced/basic nursing skills. Areas include advanced procedures, equipment, assessment, diagnostics, and multiple system pathologies for adult and pediatric clients. Activities promote critical thinking, development of complex nursing care plans/concept maps, and growth and development for adult and pediatric clients. Remediation in first year skills as needed. Grades are P/NP. (L,M,C)		

OFFICE ADMINISTRATION (see Business)

Philosophy

Philosophy courses are designed to cultivate wisdom by critically questioning fundamental beliefs about reality, self-identity, knowledge, religion, and ethics. The core courses that make up the curriculum include Introduction to Philosophy, Critical Thinking, Ethics, Philosophy of Religion, and World Religions.

PHIL 1 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i>	Introduction to Philosophy	3 units
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 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i>	Ethics	3 units
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)		
PHIL 3 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i>	Philosophy of Religion	3 units
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, world views 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)		
PHIL 6 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> <i>C-ID POLS 120</i>	Political Philosophy	3 units
This course introduces students to the major authors of political thought and examines the assumptions and central issues involved in political thinking. Concepts such as: democracy, fascism, justice, rights, law liberty, political authority, political principles, and consequences will be examined through an analysis of classical and contemporary reading selections. Not open for credit to students with credit in POLSC 6.(L)		

PHIL 12 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i>	Critical Thinking	3 units
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)		
PHIL 20 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i>	World Religions	3 units
A survey of the beliefs and practices of Eastern and Western religious traditions. Emphasis will be given to the origin and development of each tradition, its major forms of expression, and the various ways in which each tradition addresses the most fundamental questions of human existence. (L)		
PHOTOGRAPHY (see Art)		
PHYSICAL EDUCATION (see Kinesiology or Athletics)		

Physical Science

PHYS 10A <i>54 lecture hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> <i>C-ID GEOL 120</i>	Earth Science	3 units
Survey course with topics chosen principally from oceanography geology, physical geography, meteorology and astronomy. Topics are presented within a theme of understanding the earth. (L)		
PHYS 10AL <i>54 lab hours</i>	Earth Science Laboratory	1 unit
<i>Prerequisite:</i> Satisfactory completion of: PHYS 10A which may be taken concurrently. <i>Transferable to CSU/UC</i> <i>C-ID GEOL 120L</i>		
Laboratory activities in Earth Science to reinforce and complement the materials presented in PHYS 10A.		
PHYS 10B <i>54 lecture hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i>	Physical Science - Physics and Chemistry	3 units
Basic concepts in physics and chemistry: motion, force, energy, electricity, atomic theory, matters, chemical and physical changes, radioactivity, and an introduction to modern physics. This course also includes introduction to applied physical sciences including Geology, Meteorology, Astronomy, and Oceanography. (L)		
PHYS 10C <i>54 lab hours</i>	Physical Science - Physics and Chemistry	1 unit
<i>Prerequisite:</i> Satisfactory completion of: PHYS 10B, may be taken concurrently. <i>Transferable to CSU/UC</i>		
Laboratory experiments in physics and chemistry to reinforce and complement the materials presented in PHYS 10B which may be taken concurrently. (L)		

Physics

PHYS 2A <i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: MATH 21 <i>Other:</i> CHEM 2A is recommended <i>Transferable to CSU/UC - UC Unit Limit</i> <i>C-ID PHYS 105 (PHYS 2A & PHYS 3A)</i> Comprehensive survey of physics, including mechanics, hydrostatics, thermodynamics, and wave motion; qualitative understanding and quantitative problem solving; primarily for life science major. (L,M)	General Physics	3 units
PHYS 2B <i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: PHYS 2A <i>Transferable to CSU/UC - UC Unit Limit</i> <i>C-ID PHYS 110 (PHYS 2B & PHYS 3B)</i> Comprehensive study of physics, including electricity and magnetism, optics, atomic and nuclear physics, and relativity; equal emphasis placed on qualitative understanding and quantitative problem solving. Primarily for Life Science majors. (L,M)	General Physics	3 units
PHYS 3A <i>54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: PHYS 2A, may be taken concurrently. <i>Transferable to CSU/UC - UC Unit Limit</i> <i>C-ID PHYS 105 (PHYS 2A & PHYS 3A)</i> Performance of lab experiments to verify the important concepts of PHYS 2A. Not open for credit to students with credit in PHYS 4 series or equivalent. (L,M)	General Physics Laboratory	1 unit
PHYS 3B <i>54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: PHYS 2B and PHYS 3A <i>Corequisite:</i> PHYS 2B <i>Transferable to CSU/UC - UC Unit Limit</i> <i>C-ID PHYS 110 (PHYS 2B & PHYS 3B)</i> Performance of lab experiments to verify the important concepts of PHYS 2B. Not open for credit to students with credit in the PHYS 4 series. (L,M)	General Physics Laboratory	1 unit
PHYS 4A <i>54 lecture hours, 54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: MATH 1A with a grade of “C” or better, MATH 1B (MATH 1B may be taken concurrently). <i>Transferable to CSU/UC - UC Unit Limit</i> <i>C-ID PHYS 205</i> Overview of the field of physics, its position and significance relative to the sciences, followed by a detailed study of mechanics. Primarily for architecture, chemistry, engineering, geophysics, and physics majors. (L,M)	Mechanics	4 units

PHYS 4B <i>54 lecture hours, 54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: PHYS 4A with a grade of “C” or better. <i>Transferable to CSU/UC - UC Unit Limit</i> <i>C-ID PHYS 210</i> Study of electromagnetism with accompanying laboratory. (L,M)	Electromagnetism	4 units
PHYS 4C <i>54 lecture hours, 54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: PHYS 4B with a grade of “C” or better. <i>Transferable to CSU/UC - UC Unit Limit</i> <i>C-ID PHYS 215</i> Study of thermodynamics, optics, and modern physics with accompanying laboratory. (L,M)	Thermodynamics, Light, and Modern Physics	4 units

PLANT SCIENCE (see Agriculture)

Political Science

The Associates in Arts in Political Science for Transfer degree is designed for students to transfer into the CSU system to complete a bachelor’s degree in Political Science or similar major. The degree promotes students’ engagement with politics at local, domestic, and international levels. Students are exposed to different perspectives on civic issues, political thoughts, American politics and world politics through which students are trained to be critical and analytical thinkers.



POLITICAL SCIENCE
(Associate in Arts for Transfer)

Students who complete this program should be able to:

1. Distinguish major political theories and/or political concepts.
2. Identify the political structure of major governing bodies.
3. Analyze the opposing arguments of major political issues.
4. Identify social, political, and/or economic forces necessary to establish a certain political order.

Required Courses	Units
POLSC 1 Introduction To American Government.....	3
List A: Select three courses (9 units) from the following courses:	
POLSC 2 Comparative Politics	3
POLSC 6 Political Philosophy	3
POLSC 7 International Relations	3
STAT 1 Introduction to Statistical Methods	4
List B: Choose two courses (6 units) from the following courses:	
POLSC 3 California Politics	3
HIST 16B African-American History	3
SOCIL 6 Sociology of Sex and Gender	3
ECON 1A Elementary Economics-Macro	3
ECON 1B Elementary Economics-Micro	3
HIST 17A United States History	3
HIST 17B United States History	3
SOCIL 5 Sociology of Race and Ethnicity	3
Total units required for degree major	18
<i>Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC (CSU version), all courses in the major with “C” or better grades, and achieve a minimum transferable cumulative GPA of 2.0.</i>	

POLSC 1 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> <i>C-ID POLS 110</i> Covers the foundations, politics, and institutions of American government. Explores the foundations of American democracy, including political culture, the Constitution, civil liberties, and civil rights. Analyzes the influence and impact of media, political parties, elections, and interest groups. Examines political institutions such as the Congress, the Presidency, the courts, and the federal bureaucracy. State and local governments are included. (L)	Introduction to American Government	3 units
--	--	----------------

POLSC 2 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> <i>C-ID POLS 130</i> An introduction to comparative politics. This course compares the major political systems in selected countries, including industrialized democracies, developing states, and current/ former communist regimes. It analyzes the similarities and differences among the major states by studying their government types, ideologies, political parties, and economies. Students will learn about methods of comparison of various political systems. (L)	Comparative Politics	3 units
POLSC 3 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> An introduction to California politics that explores state, county, and municipal governments. Examines how state politics impact Californians’ daily lives with an insight into California’s diverse and unique people, cultures, and political processes. Current major political issues will be analyzed, such as economic and class conflict, immigration issues, ethnic-cultural relations, and contemporary challenges that urban, suburban, and rural governments face. (L)	California Politics	3 units
POLSC 6 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> <i>C-ID POLS 120</i> This course introduces students to the major authors of political thought and examines the assumptions and central issues involved in political thinking. Concepts such as democracy, fascism, justice, rights, law liberty, political authority, political principles, and consequences will be examined through an analysis of classical and contemporary reading selections. Not open for credit to students with credit in PHIL 6. (L)	Political Philosophy	3 units
POLSC 7 <i>54 lecture hours</i> <i>Transferable to CSU/UC</i> <i>C-ID POLS 140</i> A survey of historical and contemporary international relations. Focus will be on major IR theories and methodologies, international security, globalization, international political economy, international law, international institutions (e.g. UN, WTO, NAFTA, NGOs), and human security. This class also analyzes the foreign policies of major actors, major states, areas of conflict and tension, and various aspects of globalization. In addition, it explores how people of different cultures and ethnic background impact the domestic and foreign politics of their states, with emphasis on issues of human security - ethnic conflict, the global North and South economic gap, pandemics, human rights, population, environment and resource management. (L)	International Relations	3 units

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 1006 clinical practicum hours. The subject matter reflects the knowledge and skills specified by Board of Vocational Nursing Psychiatric Technology Education (BVNPTE) regulation, rules, and laws. All clinical practicum will be under the supervision of a licensed BVNPTE-approved clinical instructor. The curriculum may be periodically revised to reflect the evolution of the profession and BVNPTE laws and regulations.

Theory and clinical program content shall reflect the client and patient population that are normally associated with the licensed Psychiatric Technician which will include clients/patients with mental disorders, personality disorders, substance abuser, and developmentally disabled. Students will be admitted based upon date of special program application. Call (530) 741-6742 to request additional information regarding the program. Application is on the Yuba College, Psychiatric Technician web page.

MINIMUM CRITERIA.

- 1. High School graduation or equivalent to high school.
- 2. Age of 18 years by first day of Fall semester.

PSYCHIATRIC TECHNICIAN (Certificate of Achievement)

Students who complete this program should be able to:

- 1. Accurately perform and document basic nursing skills, basic physical and mental assessments and interventions while prioritizing patient care.
- 2. Effectively participate in a therapeutic environment and communicate in a professional and respectful manner to both staff and clients.
- 3. Pass the California state board exam for licensure as a psychiatric technician after completing all required theory and clinical hours.

Units

First Semester	
PSYCT 50 Anatomy and Physiology	3
PSYCT 51 Human Development.....	3
PSYCT 52 Nursing Science A	2
Second Semester	
PSYCT 53 Developmental Disabilities A	5
PSYCT 54 Nursing Science B.....	5
HLTH 10 Principles of Nutrition	3
PSYCT 55 Pharmacology A	2
Summer	
PSYCT 56 Nursing Science C.....	6
Third Semester	
PSYCT 57 Psychiatric Disorders A.....	7
PSYCT 58 Group Process.....	2
PSYCT 59 Crisis Management.....	2
PSYCT 60 Pharmacology B	2

Fourth Semester	
PSYCT 61 Substance Abuse.....	2
PSYCT 62 Psychiatric Disorders B	4
PSYCT 63 Developmental Disabilities B	6
Total units required	54

Completion/challenge/credit for the previously outlined courses will make the student eligible for licensure examination by the Board of Vocational Nurse and Psychiatric Technician Examiners following application. Students will receive an Certificate of Achievement.

PSYCT 50	Anatomy and Physiology	3 units
54 lecture hours		

Introductory course providing a comprehensive overview of the normal structure and function of the human organism. Includes but not limited to: cell and tissue structure and function, organ and system differentiation and related terminology. Designed for the psychiatric technician student or equivalent. (L)

PSYCT 51	Human Development	3 units
54 lecture hours		

Overview of normal human growth and development from biologic conception to death. Includes but not limited to the following: identification of major theorists/theories, presentation of major milestone of growth and development associated with the chronologic age groups and subject related terminology. (L)

PSYCT 52	Nursing Science A	2 units
36 lecture hours		

Overview and orientation to the nursing science, which includes the following: basic medical terminology, fundamental concepts relating to the health care systems, ethical and professional codes of conduct and overview of past, current, and future trends in the U.S. health care systems. (L)

PSYCT 53	Developmental Disabilities A	5 units
54 lecture hours, 108 lab hours		

Other: Successful completion of all first semester Psych Tech courses. Conform to clinical agency rules and regulations, such as passing a criminal background check and drug screen (specific regulations dependent on clinical site). Introductory overview of the five developmental disability subtypes: mental retardation, epilepsy, cerebral palsy, infantile autism and neurological handicapping. Also included will be instruction in MAB (Managing Assaultive Behavior) training designed to prepare the student to effectively manage assaultive behavior.

PSYCT 54	Nursing Science B	5 units
36 lecture hours, 162 lab hours		

Other: Successful completion of all 1st semester classes in the Psych Tech program; Conform to clinical agency rules and regulations, such as passing a criminal background check and drug screen (specific regulations dependent on clinical site). Overview of diseases and disorders in terms of diagnostic criteria, symptom presentations, system pathology, medical/nursing interventions and typical prognosis. Emphasis shall be on nursing interventions, special care needs, and patient related skills. Application of basic nursing skills associated with “long term care” patients. The clinical affiliation also includes a 40 hour skills lab practicum at the Yuba College Nursing Lab to include basic nursing care. Must be an accepted student in the Psychiatric Technician Program in order to take this course.

PSYCT 55	Pharmacology A	2 units
36 lecture hours		

Introductory overview to the basic concepts associated with the field of nursing related pharmacology. Includes a math review, computation conversion and review of specific drugs relating to specific drug classifications. The course material shall be directly related to the clinical medical experience offered in the clinical portion of the program. (L,M)

PSYCT 56	Nursing Science C	6 units
54 lecture hours, 162 lab hours		

Other: Successful completion of all 1st and 2nd semester classes, Maintain a clear background and urine toxicology. Overview of the medical-surgical nursing component of the program: includes all age groups, common diagnoses, nursing interventions and aspects of an acute care medical facility. In the clinical portion of the course, students will apply nursing skills relating to the medical surgical patient within an acute care medical facility. This application of skills will involve various age groups, diagnoses, and health care needs.

PSYCT 57	Psychiatric Disorders A	7 units
36 lecture hours, 270 lab hours		

Other: Successful completion of first semester, second semester, and summer PSYCT courses. Overview of the major psychiatric disorders. Emphasis shall be on the following: psychiatric terminology, psychiatric disorders, symptoms, nursing interventions, treatment and typical prognosis. Application of psychiatric skills relating to patients in the acute care, day treatment and adult education components of the Sutter-Yuba Mental Health Care System. Includes the following: application of therapeutic communication skills, medication administration, group process participation, observation, clinical assessment, interdisciplinary team participation, and one-to-one observation.

PSYCT 58	Group Process	2 units
36 lecture hours		

Overview of the therapeutic intervention known as group process as it relates to the developmentally disabled and psychiatric client. Includes the following: related terminology, group leader skills, goals of the group process and specific client behaviors. (L)

PSYCT 59	Crisis Management	2 units
36 lecture hours		

Overview of the concept of “crisis” relating to an individual’s personal reaction to physical or psychological stressors. Includes but not limited to the following: recognition of stress response, specific adaptive responses, specific maladaptive response, the dynamics of grief “burnout and suicide.” (L)

PSYCT 60	Pharmacology B	2 units
36 lecture hours		

Prerequisite: Satisfactory completion of: PSYCT 55 Other requirement: Medication calculations: Must be able to accurately calculate medical dosages prior to taking class. Overview of the somatic therapies with emphasis upon the psychotropic medications as they relate to the psychiatric client. Includes but is not limited to the following major drug classes: antipsychotic, antidepressant, antianxiety, antimanic and anticholinergic. (L,M)

PSYCT 61	Substance Abuse	2 units
36 lecture hours		

Provides for the historical overview of those drugs that are most commonly misused, or abused within the contemporary U.S. society. Makes a distinction between substance-use disorders and substance-induced disorders. All major drugs that have the potential for abuse and or misuse shall be presented in terms of the following: classifications, physical/psychological effects and dependency potential. (L)

PSYCT 62	Psychiatric Disorders B	4 units
36 lecture hours, 108 lab hours		

Other: Students must have successfully completed all previous semester classes in the Psych Tech program. Provides for the general orientation to the ten personality disorders as described in Axis II of the DSM-V. Emphasis shall be upon the defining criteria, interpersonal impact, social consequences and intervention techniques. This course will also have 108 hours in mental and developmental disabilities clinical sites.

PSYCT 63	Developmental Disabilities B	6 units
54 lecture hours, 162 lab hours		

Other: Successful completion of all previous semester courses in the Psychiatric Technician Program Provides an overview of the application of the behavioral science known as “behavior intervention” as it applies to the mentally retarded population. Includes a summary of state and federal legislation for the developmental disabilities. Also includes a general preparation for the Board of Vocational Nurses and Psychiatric Technicians (BVNPT) state board examination. Provides for direct participation with the specific agency known as “Community Resource Services”. Students shall be assigned to CRS sites based on (2) four week clinical rotations.

Psychology

Psychology is the study of human thought, feelings, and behavior. Part of its appeal is the fact that it involves both scientific investigation and practical applications of those findings in everyday life. Yuba College Psychology courses offer a diverse program with several goals: 1) To expose students to the variety of sub-fields in psychology; 2) to engender knowledge of, and appreciation for, the spirit and nature of scientific inquiry; 3) to facilitate insight into oneself and increase knowledge of, and sensitivity to, others; 4) to introduce students to the basic body of knowledge, thus preparing them for further study in Psychology

Those pursuing psychology as a field of study will find many career options centering around helping others to understand, predict, and influence their own behavior and the behavior of others. Psychologists may teach, conduct research, perform psychological testing, or do consultation in a variety of settings which include hospitals, businesses, private practice, personnel offices, industry, colleges and universities, and government. Training in Psychology provides a valuable foundation for professions wherein interpersonal interactions are a component of the work setting.

PSYCHOLOGY
(Associate in Arts)

- Students who complete this program should be able to:
1. Demonstrate respect for the psychological differences in opinions, feelings and values of others in one's interactions.
 2. Analyze psychological data/information/theories, draw reasonable conclusions in relation to human behavior from the data/information/theories, recognize the implications when addressing and evaluating human related problems and issues in making decisions.
 3. Articulate similarities and differences in human behavior among cultures, times, and environments, demonstrating an understanding of cultural pluralism and knowledge of global issues as they relate to human behavior.
 4. Apply psychological principles to the development of interpersonal, occupational and social skills and life-long personal growth.

Required Courses	Units
PSYCH 1A General Psychology	3
PSYCH 12 Human Sexuality OR.....	3
PSYCH 31 Gender and Behavior: Feminine and Masculine	3
Plus 12 units from the following:	
PSYCH 22 Social Psychology	3
PSYCH 33 Personal and Social Adjustment	3
ECE 3 Childhood and Adolescent Behavior	3
PSYCH 41 Lifespan Development	3
PSYCH 12 or 31 -- if not already completed above.....	3
Total units required for degree major	18
Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.	



PSYCHOLOGY
(Associate in Arts for Transfer)

The Associate in Arts in Psychology for Transfer degree is designed for students for transfer into the CSU system to complete a bachelor's degree in Psychology. Psychology is the study of human thought, feelings, and behavior. Part of its appeal is the fact that it involves both scientific investigation and practical applications of those findings in everyday life.

Yuba College Psychology courses offer a diverse program with several goals: 1) To expose students to the variety of sub-fields in psychology; 2) to engender knowledge of, and appreciation for, the spirit and nature of scientific inquiry; 3) to facilitate insight into oneself and increase knowledge of, and sensitivity to, others; 4) to introduce students to the basic body of knowledge, thus preparing them for further study in Psychology.

Those pursuing psychology as a field of study will find many career options centering around helping others to understand, predict, and influence their own behavior and the behavior of others. Psychologists may teach, conduct research, perform psychological testing, or do consultation in a variety of settings which include hospitals, businesses, private practice, personnel offices, industry, colleges and universities, and government. Training in Psychology provides a valuable foundation for professions wherein interpersonal interactions are a component of the work setting.

- Students who complete this program should be able to:
1. Demonstrate respect for the psychological differences in opinions, feelings and values of others in one's interactions.
 2. Analyze psychological data/information/theories, draw reasonable conclusions in relation to human behavior from the data/information/theories, recognize the implications when addressing and evaluating human related problems and issues in making decisions.
 3. Articulate similarities and differences in human behavior among cultures, times, and environments, demonstrating an understanding of cultural pluralism and knowledge of global issues as they relate to human behavior.
 4. Apply psychological principles to the development of interpersonal, occupational and social skills and life-long personal growth.

Required Courses	Units
PSYCH 1A General Psychology	3
PSYCH 7 Research Methods in Psychology	3
STAT 1 Introduction To Statistical Methods	4
Biology Requirement (Choose one from the following, 4 units):	
BIOL 4 Human Anatomy OR	4
BIOL 10L General Biology	4
Critical Thinking Requirement (choose one from the following, 3 units):	
ENGL 1B Critical Thinking & Writing About Literature OR...	3
ENGL 1C Critical Thinking/Advanced Composition OR	3
PHIL 12 Critical Thinking	3
Psychology Electives (Choose one from the following, 3 units):	
PSYCH 12 Human Sexuality OR.....	3
PSYCH 22 Social Psychology OR.....	3
PSYCH 31 Gender and Behavior: Feminine and Masculine OR.....	3
PSYCH 33 Personal and Social Adjustment OR.....	3
PSYCH 41 Lifespan Development OR.....	3
PSYCH 46 Abnormal Psychology OR	3
Total units required for degree major	20
Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC (CSU version), all courses in the major with "C" or better grades, and achieve a minimum transferable cumulative GPA of 2.0.	

PSYCH 1A	General Psychology	3 units
54 lecture hours		
Transferable to CSU/UC		
C-ID PSY 110		
Psychology is the scientific study of behavior and mental processes. The content focuses on the exploration of major psychological theories and concepts, methods, and research findings in psychology. Topics include the biological bases of behavior, perception, cognition and consciousness, learning, memory, emotion, motivation, development, personality, social psychology, psychological disorders and therapeutic approaches, and applied psychology.		

PSYCH 6	Introduction to Statistics in Social and Behavioral Science	4 units
72 lecture hours		
Prerequisite: Satisfactory completion of: (MATH 52 or MATH 52B); PSYCH 1A		
Transferable to CSU/UC		
An introduction to the basic statistical methods and analyses commonly used in social and behavioral science research (use of probability techniques, hypothesis testing, and predictive techniques), including applications of statistical software to social science data. 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. This course is designed for Psychology students who plan to transfer to a UC/CSU and does NOT fulfill the mathematics competency for local graduation requirements.		
PSYCH 7	Research Methods in Psychology	3 units
54 lecture hours		
Prerequisite: Satisfactory completion of: PSYCH 1A; (STAT 1 or PSYCH 6)		
Transferable to CSU/UC		
C-ID PSY 200		
This course covers the many research designs and methods in psychology, including descriptive, associative, and causal claims. The various instrumentation, collection procedures, data collection and analysis, and reporting procedures are also examined. Research methods and design will be surveyed from a wide section of psychological fields.		
PSYCH 12	Human Sexuality and Sexual Behavior	3 units
54 lecture hours		
Transferable to CSU/UC		
C-ID PSY 130		
This course is an introductory overview of the field of human sexuality. Human sexuality will be examined from psychological, biological, sociocultural, and historical perspectives. Students will be encouraged to become aware of their own sexual attitudes, values, and behaviors and to explore the attitudes, values, and behaviors of others including traditionally non-represented cultures and groups. Current sex norms and various aspects of interpersonal and individual sexual adjustment will be explored.		
PSYCH 22	Social Psychology	3 units
54 lecture hours		
Transferable to CSU/UC		
C-ID PSY 170		
This course considers individual human behavior in relation to the social environment. The power of the situation, other individuals, and the social group will be examined. Emphasized topics include: aggression, prejudice and stereotypes, interpersonal attraction, attitudes and attitude change, conformity, group phenomena, gender roles, cultural norms, person perception, and social cognition.		

PSYCH 33 Personal and Social Adjustment 3 units

54 lecture hours
Transferable to CSU/UC
C-ID PSY 115

This course is designed with an applied focus for students interested in how psychology is used in everyday life and is related to other social sciences. The course surveys different psychological perspectives and theoretical foundations and how these are applied across a person’s life taking into account the influence of factors such as culture, gender, ethnicity, historical cohort, and socio-economic status. A broad understanding of how scientists, clinicians, and practitioners study and apply psychology is emphasized. This course is not open to students who have completed COUNS 33.

PSYCH 41 Lifespan Development 3 units

54 lecture hours
Transferable 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.

Radiologic Technology

Upon successful completion of this program, the student will receive an Associates of Science Degree and will be eligible to take the American Registry of Radiologic Technologist (ARRT) examination. Upon successful completion of the ARRT examination, the graduate will then be a Registered Technologist in Radiography (RTR) and eligible to apply to be a Certified Radiologic Technologist (CRT) to work in the state of California.

The program is accredited by the State of California Department of Public Health, Radiologic Health Branch and the Joint Review Committee on Education in Radiologic Technology.

Enrollment is limited. Students should be aware that this is a high-unit program requiring a minimum of 66 units.

MINIMUM CRITERIA FOR ADMISSION.

- 1. High School graduate or equivalent.
- 2. 18 years of age or older.
- 3. Successful completion of the following with a grade of “C” or higher:
 - BIOL 4 Human Anatomy
 - BIOL 5 Human Physiology
 - One Math or Statistics course with a Math 52 prerequisite
 - ENGL 1A College Composition and Reading
 - SPECH 1 Public Speaking, SPECH 7 Interpersonal Communication, or SPECH 8 Intercultural Communication
 - One course from the local GE Area “A” Natural Science
 - One course from the local GE Area “B” Social Science
 - One course from the local GE Area “C” Humanities

NOTE: Courses may be transferred from another accredited college or university but must be equivalent to those listed above.

NOTE: All Yuba College General Education Requirements must be met before acceptance into the program.

- 4. All immunizations are complete with documentation of immunity (or non-conversion status).

Please visit the Yuba College Radiologic Technology website for application and additional information: <https://yc.yccd.edu/radtech/>

RADIOLOGIC TECHNOLOGY (Associate in Science)

Students who complete this program should be able to:
1. Upon completion of the program, students will be able to employ critical thinking and problem solving skills.
2. Upon completion of the program, students will demonstrate the clinical competency of an entry level Radiologic Technologist.
3. Upon completion of the program, students will demonstrate appropriate workplace and patient communication skills
4. Upon completion of the program, students will model professionalism and ethics.

Required Courses Units

First Fall Semester

RADT 1 Fundamentals of Radiologic Sciences and Health Care	4
RADT 2 Radiation Physics and Equipment	4
RADT 3A Radiographic Procedures 1	3
RADT 6A Radiologic Technology Internship 1	5.5

First Spring Semester

RADT 55 Introduction to Radiologic Sciences.....	1
--	---

First Summer Session

RADT 6C Radiologic Technology Internship 3	7
--	---

Second Fall Semester

RADT 3C Radiographic Procedures 3.....	3
RADT 6D Radiologic Technology Internship 4	8
RADT 7 Advanced Radiologic Studies	1
RADT 8 Radiographic Pathology and Image Critique	2

Third Spring Semester

RADT 3D Radiographic Procedures 4.....	2
RADT 9 Advanced Modalities.....	2
RADT 12 Radiologic Technology Board Review	1.5
RADT 6E Radiologic Technology Internship 5.....	8.5

Second Spring Semester

RADT 3B Radiographic Procedures 2.....	3
RADT 4 Principles of Radiation: Physics, Biology & Protection.....	2
RADT 5 Principles of Radiation Exposure and Equipment.....	4
RADT 6B Radiologic Technology Internship 2.....	4.5

Total units required for degree major66

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

*Courses must be completed with a grade of “C” or better before or during the indicated semester to progress in the program.

RADT 1 Fundamentals of Radiologic Science and Health Care 4 units

72 lecture hours

Prerequisite: Satisfactory completion of: RADT 55
Other: Acceptance into the Radiologic Technology Program.
Transferable to CSU

Introduction to the field of Radiologic Technology. Basic imaging principles, patient diversity and care, the clinical environment, patient vital signs, and communication.

RADT 2 Radiation Physics and Equipment 4 units

72 lecture hours

Prerequisite: Satisfactory completion of: RADT 55
Other: Acceptance into the Radiologic Technology Program.
Transferable to CSU

Introduction to radiation physics; fundamentals of x-ray equipment; x-ray production and x-ray beam characteristics.

RADT 3A Radiographic Procedures 1 3 units

36 lecture hours, 54 lab hours

Prerequisite: Satisfactory completion of: RADT 55
Other: Acceptance into the Radiologic Technology Program.
Transferable to CSU

Knowledge and skills necessary to perform standard radiographic procedures that are of optimal diagnostic quality. Skills necessary for image critique. Areas studied: thorax, abdomen, pelvis and upper and lower extremities.

RADT 3B Radiographic Procedures 2 3 units

36 lecture hours, 54 lab hours

Prerequisite: Satisfactory completion of: RADT 55; RADT 3A
Other: Acceptance into the Radiologic Technology Program.
Transferable to CSU

Knowledge and skills necessary to perform standard radiographic procedures that are of optimal diagnostic quality. Skills necessary for image critique. Areas studied: spine, skull, facial bones. Trauma exams. Pediatric exams. Use of portable machine and radiography in the operating room.

RADT 3C Radiographic Procedures 3 3 units

54 lecture hours

Prerequisite: Satisfactory completion of: RADT 55; RADT 3B
Other: Acceptance into the Radiologic Technology Program.
Transferable to CSU

Study of fluoroscopy, contrast studies, pharmacology as it relates to the imaging sciences, and completion of venipuncture certification.

RADT 3D Radiographic Procedures 4 2 units

36 lecture hours

Prerequisite: Satisfactory completion of: RADT 55; RADT 3C
Other: Acceptance into the Radiologic Technology Program.
Transferable to CSU

Critical thinking skills, professionalism, and analysis of images needed to obtain the best radiographic image in various situations.

RADT 4	Principles of Radiation: Physics, Biology and Protection	2 units	RADT 6D	Radiologic Technology Internship 4	8 units
<i>36 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of RADT 55 <i>Other:</i> Acceptance into Radiologic Technology Program. <i>Transferable to CSU</i> Principles of radiation protection, including the responsibilities of the radiographer for patients, personnel and the public. Radiation health and safety requirements of federal and state regulatory agencies, accreditation agencies and health care organizations.			<i>436 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: RADT 55; RADT 6C <i>Other:</i> Acceptance into the Radiologic Technology Program. <i>Transferable to CSU</i> Advanced radiologic experience in clinical facilities under the supervision of the college instructor, staff technologists, and radiologists. Development of enhanced skills in correlation with current radiologic practices. Rotation in various facilities. Grades are P/NP only.		
RADT 5	Principles Radiation Exposure and Equipment	4 units	RADT 6E	Radiologic Technology Internship 5	8.5 units
<i>72 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of RADT 55 <i>Other:</i> Acceptance into Radiologic Technology Program. <i>Transferable to CSU</i> Knowledge of factors that govern and influence the production of the radiographic image; digital radiography image production and review, picture archiving and communication systems, DICOM, HL7.			<i>464 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: RADT 55; RADT 6D <i>Other:</i> Acceptance into the Radiologic Technology Program. <i>Transferable to CSU</i> Advanced radiologic experience in clinical facilities under supervision by college instructor, staff technologists and clinical instructors. Increased development of skills in correlation with current radiologic practices. Rotation in various medical facilities. Grades are P/NP only.		
RADT 6A	Radiologic Technology Internship 1	5.5 units	RADT 7	Ethics and Law in Imaging Sciences	1 unit
<i>300 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of RADT 55 <i>Other:</i> Acceptance into Radiologic Technology Program. <i>Transferable to CSU</i> Beginning radiologic experience in clinical facilities under the supervision of the college instructor, staff technologists, and clinical instructors. Basic development of skills in correlation with current radiologic practices. Rotation in various facilities. Grades are P/NP only.			<i>18 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: RADT 55 <i>Other:</i> Acceptance into the Radiologic Technology Program. <i>Transferable to CSU</i> Ethics and law in the radiologic sciences; advanced understanding of professionalism as related to a radiologic technologist.		
RADT 6B	Radiologic Technology Internship 2	4.5 units	RADT 8	Radiographic Pathology and Image Critique	2 units
<i>260 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of RADT 6A; RADT 5 <i>Other:</i> Acceptance into Radiologic Technology Program. <i>Transferable to CSU</i> Beginning radiologic experience in clinical facilities under the supervision of the college instructor, staff technologists, and clinical instructors. Enhanced development of skills in correlation with current radiologic practices. Rotation in various facilities. Grades are P/NP option.			<i>36 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: RADT 55 <i>Other:</i> Acceptance into the Radiologic Technology Program. <i>Transferable to CSU</i> Injuries and abnormalities most frequently encountered in Radiologic Technology. Key anatomy and physiology principles, imaging considerations for each disease, and its radiographic appearance, signs and symptoms, and treatment.		
RADT 6C	Radiologic Technology Internship 3	7 units	RADT 9	Advanced Modalities	3 units
<i>390 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: RADT 55; RADT 6B <i>Other:</i> Acceptance into the Radiologic Technology Program. <i>Transferable to CSU</i> Intermediate radiologic experience in clinical facilities under the supervision of the college instructor, staff technologists, and clinical instructor. Increased development of skills in correlation with current radiologic practices. Rotation in various facilities. Grades are P/NP only.			<i>54 lecture hours</i> <i>Other:</i> Acceptance in Radiologic Technology Program. <i>Transferable to CSU</i> Computed tomography basics, cross-sectional anatomy, and advanced modalities in the field of Radiologic Technology.		

Sign Language

RADT 12	Radiologic Technology Board Review	1.5 units	SIGN 1	American Sign Language 1	4 units
<i>27 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: RADT 55 <i>Other:</i> Acceptance into the Radiologic Technology Program. <i>Transferable to CSU</i> Intensive review for the testing of the four (4) content areas tested by State of California Radiation Health Branch and the American Registry of Radiologic Technology: patient care, safety, image production, and procedures. Grades are P/NP.			<i>72 lecture hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> This is the first course in a series of four courses in the fundamentals of American Sign Language (ASL) used by the Deaf community, including basic vocabulary, syntax, numbers, fingerspelling, and grammatical non-manual markers. The instructional activities are based on an immersion approach, in which the students develop language competency in source and target language, cultural knowledge, and an increased understanding of the Deaf community. Students are expected to participate in Deaf community events. Instructional materials will be in English. Students are strongly recommended to co-enroll in ASL 61 (Fingerspelling and Numbers 1).		
RADT 55	Introduction to Radiologic Sciences	1 unit	SIGN 2	American Sign Language 2	4 units
<i>18 lecture hours</i> <i>Other:</i> Acceptance into the Radiologic Technology Program. Introduction to the field of Radiologic Sciences and expectations of the program. Refresher course for program prerequisites. Grades are P/NP option.			<i>72 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: SIGN 1 <i>Transferable to CSU/UC</i> This is the second course in a series of four courses in the fundamentals of American Sign Language (ASL) used by the Deaf community, including basic vocabulary, syntax, numbers, fingerspelling, and grammatical non-manual markers. The instructional activities are based on an immersion approach, in which the students develop language competency in source and target language, cultural knowledge, and an increased understanding of the Deaf community. Students are expected to participate in Deaf community events and read instructions in English. It is recommended that students co-enroll in ASL 61 (Fingerspelling and Numbers 1) if they have not already taken it. (C)		
			SIGN 3	American Sign Language 3	4 units
			<i>72 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: SIGN 2 <i>Other:</i> Students will be using CANVAS on an almost daily basis to check and turn in assignments as well as receive communication from the professor and other students. <i>Transferable to CSU/UC</i> This is the third course in a series of four courses in the fundamentals of American Sign Language (ASL) used by the Deaf community. This course furthers students' study of vocabulary, syntax, classifiers and narrative form. The instructional activities are based on an immersion approach in which the students develop language competency in the parget language, cultural knowledge, and an increased understanding of the Deaf community. Students are expected to participate in Deaf community events and read instructions in English. (C)		

SIGN 61 Fingerspelling and
Numbers 1 2 units

36 lecture hours
This is the first of two courses in the fundamentals of fingerspelling and numbers as they are used in American Sign Language (ASL). The instructional activities are based on a practice approach, in which the students develop language competency ASL by finding parallels to those that exist in English. Emphasis is placed on both producing and understanding ASL fingerspelling and number usage, rules and parameters. It is recommended that students co-enroll in ASL 1 or ASL 2. Grades are P/NP option. (C)

Social Science

SOCIAL SCIENCE (Associate in Arts)

- Students who complete this program should be able to:
1. Identify major theoretical orientations in the social and behavioral sciences
 2. Describe and apply basic concepts regarding human behavior, society, and culture
 3. Utilize the principles of social scientific methods to generate and evaluate hypotheses about human behavior and culture
 4. Appreciate the diversity of human behaviors and cultures across time and space, as well as the more universal aspects of human experience.

Required Courses	Units
ANTHR 1 Physical Anthropology OR	3
2 Cultural Anthropology.....	3
ECON 1A Elementary Economics-Macro.....	3
GEOG 1 Physical Geography OR	3
GEOG 2 Cultural Geography	3
POLSC 1 Introduction to Political Science	3
PSYCH 1A General Psychology OR	3
SOCIL 1 Introduction to Sociology	3
Any History Class	3
Total units required for degree major.....	18

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

SOCIL 5 Sociology of Race and
Ethnicity 3 units

54 lecture hours
Transferable to CSU/UC
C-ID SOCI 150
Examines the social construction of categories of race and ethnicity in society. Focus on inequality and the impact of racial categorization on everyday life through institutions such as the labor market, schools, residential segregation, healthcare, media, and the criminal justice system. (L)

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: SOCIL 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 and
Family 3 units

54 lecture hours
Transferable to CSU/UC
C-ID SOCI 130
Sociological analysis of marriage and family, including history, cross-cultural comparison, gender roles, sexuality, parenthood, and contemporary debates about family values, form, and function. (L)

SOCIL 30 Sociology of Aging 3 units

54 lecture hours
Transferable to CSU/UC
A life course perspective on social, economic and psychological factors related to aging and the changing place of the aged in contemporary society. Topics include current controversies (e.g., "entitlement" programs), the social and cultural construction of the aged, social policies around aging, health and long-term care of the aged, employment and retirement issues, community social services, and social inequality. Service learning (i.e. volunteer work) may be a component of the course. (L)

Sociology

SOCIOLOGY (Associate in Arts for Transfer)

- Students who complete this program should be able to:
1. Understand that social life exists at a community level as well as a regional, national, and global one, and have at least one experience working (i.e., re-searching or analyzing, or helping to solve) a social problem in the community.
 2. Understand how America's social structure, culture, and governance differ from those of other comparable societies, and the world is gradually developing global structure, culture, and governance processes.
 3. Understand the main ways - qualitative and quantitative - that social scientists collect and analyze data.
 4. Analyze the role of social forces in shaping the individual.
 5. Identify how ideas about what is "real" and "true" are constructed in a social context and shaped by those who have power and influence.

Required Courses	Units
SOCIL 1 Introduction to Sociology	3
SOCIL 2 Social Problems.....	3
List A: Select one of the following (3-4 units):	
STAT 1 Introduction to Statistics	4
SOCIL 8 Social Science Research Methods	3
List B: Select two additional courses from the following (6 units):	
SOCIL 10 Sociology of Marriage & Family	3
SOCIL 6 Sociology of Sex and Gender	3
SOCIL 5 Sociology of Race & Ethnicity.....	3
PSYCH 22 Social Psychology	3
List C: Select one additional course from the following (3 units):	
Any course not selected from List B	3
SOCIL 3 Critical Thinking in Social Science.....	3
PSYCH 1A General Psychology	3
PSYCH 1B General Psychology: Individual and Social Processes	3
ECON 1A Elementary Economics - Macro.....	3
ECON 1B Elementary Economics - Micro.....	3
POLSC 1 Introduction to American Government.....	3
Total units required for degree major	18-19

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC (CSU version), all courses in the major with "C" or better grades, and achieve a minimum transferable cumulative GPA of 2.0.

SOCIL 1 Introduction to Sociology 3 units


54 lecture hours
Transferable to CSU/UC
C-ID SOCI 110
Basic principles and concepts of sociology including culture, socialization, organizations, institutions, stratification, collective behavior, and social change. (L)

SOCIL 2 Social Problems 3 units

54 lecture hours
Transferable to CSU/UC
C-ID SOCI 115
Survey of social problems in present-day American culture and application of sociological theory and analysis to issues such as poverty, racism, crime, healthcare, education, and the environment. (L)

<h1>Spanish</h1>		
SPAN 1	Elementary Spanish Part 1	4 units
<i>72 lecture hours</i> <i>Transferable to CSU/UC - UC Unit Limit</i> 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
<i>72 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: SPAN 1 or one year of high school Spanish or placement exam: students must score 70% or higher on a placement test administered by the Spanish Department. <i>Transferable to CSU/UC - UC Unit Limit</i> 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
<i>72 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: SPAN 2 or two years of high school Spanish or placement exam: students must score 70% or higher on a placement test administered by the Spanish Department. <i>Transferable to CSU/UC - UC Unit Limit</i> First of two semesters of intermediate Spanish. This course provides intermediate level communication skills through listening, speaking, reading, and writing in a cultural context with special emphasis on communication. (L)		
SPAN 4	Intermediate Spanish Part 2	4 units
<i>72 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: SPAN 3 or three years of high school Spanish or placement exam: students must score 70% or higher on a placement test administered by the Spanish Department. <i>Transferable to CSU/UC - UC Unit Limit</i> This is a fourth semester course in Spanish designed to review the grammar, vocabulary, and composition acquired in the first three semesters. Contextualized and culturally appropriate exercises and readings of modern texts in the history, art, geography, literature, and cultural values of the Hispanic peoples. 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
<i>54 lecture hours</i> <i>Transferable to CSU</i> Study of elementary Spanish with an emphasis on proficiency. This course includes grammar, vocabulary, pronunciation, and communication.		
SPAN 20A	Spanish for Heritage Students	4 units
<i>72 lecture hours</i> <i>Other:</i> Oral fluency in Spanish. In order to succeed in this course, students must possess oral fluency in Spanish and the ability to understand readings and writings in Spanish or by placement exam. <i>Transferable to CSU/UC - UC Unit Limit</i> Speaking, reading and writing in Spanish, targeted to heritage students with oral fluency. Readings pertinent to the culture, history and literature of Hispanics in the United States, Latin America and Spain. Compositions exploring personal, political, and cultural issues, as well as analysis of Spanish and Latin American literary pieces. Exploration of grammatical concepts and accentuation and spelling rules. Class is conducted entirely in Spanish. Periodic exams and compositions. (L)		
SPAN 20B	Spanish for Heritage Students	4 units
<i>72 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: SPAN 20A and fluency in Spanish. <i>Transferable to CSU/UC - UC Unit Limit</i> 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 36	Literatura Hispano-Americana	3 units
<i>54 lecture hours</i> <i>Transferable to CSU/UC</i> Study of major works of Latin-American Literature. Readings, lectures and discussions of major works in Spanish by Columbus, Las Casas, Sor Juana Ines de la Cruz, Dario and others. Intended for Hispanic students and advanced Spanish students. Students who enroll should be able to read and participate in the class discussions in Spanish.		

<h1>Speech</h1>		
COMMUNICATION STUDIES (Associate in Science) <i>Students who complete this program should be able to:</i> <i>1. Demonstrate the communication skills necessary to engage in personal, professional, civic and social relationships.</i> <i>2. Demonstrate and apply critical thinking skills in a variety of communication studies contexts.</i>		
Required Courses	Units	
MCOMM 2 Introduction to Mass Communications	3	
SPECH 1 Public Speaking	3	
SPECH 2 Oral Interpretation of Literature.....	3	
SPECH 6 Group Communication	3	
SPECH 7 Interpersonal Communication	3	
Plus 6 units selected from the following: SPECH 4R, SPECH 8; THART 11A; PSYCH 1A; MCOMM 4; PHIL 12		
Total units required for degree major.....	21	
<i>Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.</i>		
		
COMMUNICATION STUDIES (Associate in Art in Communication for Transfer) <i>Students who complete this program should be able to:</i> <i>1. Demonstrate the communication skills necessary to engage in personal, professional, civic and social relationships.</i> <i>2. Demonstrate and apply critical thinking skills in a variety of communication studies contexts.</i>		
Required Courses	Units	
SPECH 1 Public Speaking	3	
SPECH 3 Argumentation and Critical Thinking	3	
Plus 6 units selected from the following:		
SPECH 6 Small Group Communication OR.....	3	
SPECH 7 Interpersonal Communication.....	3	
SPECH 8 Intercultural Communication	3	
Plus 6 units selected from the following:		
ENGL 2 Oral Interpretation of Literature OR	3	
SPECH 2 Oral Interpretation of Literature	3	
SPECH 4R Speech Arts Workshop OR.....	3	
MCOMM 2 Introduction to Mass Communications	3	
Total units required for degree major.....	18	
<i>Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC (CSU version), all courses in the major with “C” or better grades, and achieve a minimum transferable cumulative GPA of 2.0.</i>		
SPECH 1	Public Speaking	3 units
<i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: ENGL 51 or qualifying score on Placement Exam. <i>Transferable to CSU/UC</i> <i>C-ID COMM 110</i> Principles of effective oral communication applied to several public speaking assignments which emphasize the development of support and organization of ideas, audience analysis, public speaking anxiety, and effective delivery styles. (L)		
SPECH 2	Oral Interpretation of Literature	3 units
<i>54 lecture hours</i> <i>Prerequisite:</i> Satisfactory completion of: ENGL 51 <i>Transferable to CSU/UC</i> <i>C-ID COMM 170</i> Introduction to the analysis and interpretation of literature for oral reading. This course encourages a deeper, richer experience of prose, poetry, and drama and enables the student to share the love of literature in the oral tradition.		
SPECH 3	Argumentation and Critical Thinking	3 units
<i>54 lecture hours</i> <i>Transferable to CSU/UC</i> <i>C-ID COMM 120</i> General approach to rational decision making and argumentative analysis including structuring written and oral arguments and rebuttals, gathering relevant evidence for arguments, and identifying logical fallacies. (L)		
SPECH 4R	Speech Arts Workshop	3 units
<i>162 lab hours</i> <i>Transferable to CSU</i> Supervised preparation for participation in Inter-Collegiate Speech and Oral Interpretation events and/or for presentations at local school. Other: Repeatable three times only. (L)		
SPECH 6	Small Group Communication	3 units
<i>54 lecture hours</i> <i>Transferable to CSU/UC</i> <i>C-ID COMM 140</i> Study of communication theory in small group situations. Emphasis will be placed on researching, organizing, and delivering oral presentations. Investigation of the role of communication in various group processes, problem solving, leadership, team building, effective decision making and conflict. (L)		
SPECH 7	Interpersonal Communication	3 units
<i>54 lecture hours</i> <i>Transferable to CSU/UC</i> <i>C-ID COMM 130</i> Study of communication skills associated with establishing and maintaining satisfying interpersonal relationships. Various approaches to effective communication in multiple interpersonal contexts will be discussed. Factors influencing interpersonal communication are analyzed, such as: language, perception, non-verbal, and communication climate. (L)		

SPECH 8 Intercultural Communication 3 units

54 lecture hours
Transferable to CSU/UC
C-ID COMM 150
The study of intercultural communication theory relates to perception, context, language, verbal, nonverbal messages and adaptation. Emphasis will be placed on developing effective intercultural communication skills. Students will demonstrate effective intercultural communications skills by oral presentations, and group/interpersonal interactions. (L)

SPECH 12 Multicultural Communication v.5-1 unit

9-18 lecture hours
Transferable to CSU
By attending the events organized/sponsored by Crossing Borders and Building Bridges, participants are expected to acquire effective intercultural communication skills by valuing differences through their acknowledgment and respect for diversity and multiculturalism. Grades are P/NP.

Statistics

STAT 1 Introduction to Statistical Methods 4 units

63 lecture hours, 27 lab hours
Prerequisite: MATH 52 or satisfactory score on Mathematics placement test.
Transferable to CSU/UC
C-ID SOCI 125 and MATH 110

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 science, and education. Grades are P/NP option. (L)

STAT 100 Algebra Support for Elementary Statistics 2 units

36 lecture hours
Corequisite: Current enrollment or satisfactory completion of: STAT 1
A review of prerequisite skills, competencies, and concepts needed in statistics. Intended for students who are concurrently enrolled in STAT 1 Introduction to Statistical Methods, at Yuba College. Topics include concepts from elementary and intermediate algebra that are needed to understand the basics of college-level statistics. Concepts are taught in the context of statistical analysis. Grades are P/NP only.

Theatre Arts

Classes with “R” can be taken a total of four times but are subject to Family of Classes restrictions on page 205.

The Theatre Arts Department provides a safe and inclusive environment for students to explore performance, and prepare them to succeed in their academic, career, and lifelong learning goals. Course offerings include introductory classes in theatre and film, which satisfy general education and transfer requirements, as well as advanced classes to prepare them for transfer and an opportunity to earn an AA transfer degree in Theatre. Courses are integrated around the central ideas of collaboration, individual responsibility, student-centered learning, open and respectful dialogue, and practical application of theory and skills. Work in acting technique, design, costuming, makeup, lighting, technical production, and other crafts are taught in theory and practice resulting in public performances of a variety of plays and musicals.

THEATRE ARTS (Associate in Arts for Transfer)

- Students who complete this program should be able to:
1. Effectively use language, communicate their ideas, and creatively express themselves through the application of theatrical skills.
 2. Identify theatrical challenges, production needs, and potential problems; research, formulate, and construct creative solutions; and execute an achievable plan using appropriate tools, theories, and techniques.
 3. Select appropriate acting techniques and apply technical skills, imagination, and script analysis toward the creation of a live or recorded performance.
 4. Demonstrate the ability to work as an ensemble member of a theatre company by meeting expectations, following safe production practices, and respecting the opinions, feelings, and values of others.
 5. Identify similarities and differences among cultures, times, and environments expressed through dramatic texts, films, and live performances.
 6. Analyze and evaluate dramatic texts and performances in terms of their technical skills, artistic objectives, and their historical and cultural significance.

Required Courses (9 Units Required)	Units
THART 10 Introduction to Theatre.....	3
THART 11A Introduction to Acting I	3
THART 29R College Theatre or	1-3
THART 30 Technical Theatre in Production.....	3

A minimum of nine units from List A course Selection:
THART 11B Introduction to Acting II or.....3
THART 45A Stagecraft 1 or3
THART 45B Production and Technical Theatre I or3
THART 45C Production and Technical Theatre II or....3
THART 30 Technical Theatre in Production or3
THART 29R College Theatre1-3
Total units required for degree major18
Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC (CSU version), all courses in the major with “C” or better grades, and achieve a minimum transferable cumulative GPA of 2.0.

THEATRE ARTS (Associate in Arts)

- Students who complete this program should be able to:
1. Effectively use language, written and oral, and non-verbal communication in performances, critiques, and technical collaboration to facilitate theatre productions and group projects.
 2. Apply research to the creative and professional process.
 3. Demonstrate understanding and application of skills related to theater arts in the following areas: performance, scenography, theatre production, and theatre studies
 4. Demonstrate the ability to work as an ensemble member of a theatre company by meeting professional expectations, following safe production practices, and being respectful of the opinions, feelings, and values of others.
 5. Analyze global issues, moral dilemmas, cultural competencies, and social systems as encountered through work in Theatre Arts.
 6. Analyze scripts and other production materials while addressing and evaluating problems and issues in making creative choices.

Required Courses	Units
THART 10 Introduction to Theatre.....	3
THART 11A Introduction to Acting	3
THART 29 College Theatre	3
THART 12A Advanced Studies in Acting	3
Plus 6 units from the following:	
THART 11B, 12B, 29R, 34, 45A, 45B;	
SPECH 1, 4R, MCOMM 2, 4; ENGL 2	
Total units required for degree major	18

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

THART 10 Introduction to Theatre 3 units

54 lecture hours
Transferable to CSU/UC
C-ID THRT 111

This course introduces students to theatre arts, including the production process, play writing, acting, directing, producing, design, criticism and the relations between theatre and society. Students survey different periods, styles, genres, and theatre practice through play reading, discussion, films, and viewing and critiquing live theatre performance to develop an understanding of theatre as a collaborative art form. Further, the course explores the relationship of theatre to various cultures, to TV and film, and to other arts and humanities. Grades are P/NP option. (L)

THART 11A Introduction to Acting I 3 units

45 lecture hours, 27 lab hours
Transferable to CSU/UC
C-ID THTR 151

This course prepares students to apply basic acting theory to performance and develops the skills of interpretation of drama through acting. Special attention is paid to skills for performance, such as memorization, stage movement, vocal production, diction, improvisational technique, characterization, scene study, and interpretation of text. Several monologues and scenes will be developed and presented in class.

Programs and Courses

THART 11B	Introduction to Acting II	3 units
45 lecture hours, 27 lab hours		
<i>Prerequisite:</i> Satisfactory completion of: THART 11A		
<i>Transferable to CSU/UC</i>		
<i>C-ID THTR 152</i>		
<p>This course continues Introduction to Acting I (Thart 11A), further developing the students' understanding of theories and techniques used in the interpretation of drama through acting. The emphasis will be placed on deepening the understanding of the acting process through character analysis, monologues, scenes, pantomime, stage movement, imagination, improvisation, and verse study. Increased emphasis is also placed on acting in more complex scenes and plays. Students will engage in in-depth scenic analysis of classical plays. Grades are P/NP option.</p>		
THART 12A	Intermediate Studies in Acting I	3 units
45 lecture hours, 27 lab hours		
<i>Prerequisite:</i> Satisfactory completion of: THART 11A or THART 26 or THART 29R or audition based prerequisite challenge is allowed. Students who have the skills and experience through previous stage performance may audition/interview with instructor and with dean's approval may enter the class.		
<i>Transferable to CSU/UC</i>		
<p>This course covers the application of intermediate acting theories and techniques. It includes analyzing and performing scripts from realistic and stylized drama, audition monologues, scenes, and complex acting exercises. Intermediate development of acting skills including improvisation, craft, vocal production, interpretation, auditioning, stage movement, and character analysis. Participation in an acting showcase, one-act play, or full-length play at end of semester is required. Field trips and/or attendance of live performances may be required. Grades are P/NP option.</p>		
THART 12B	Intermediate Studies in Acting II	3 units
45 lecture hours, 27 lab hours		
<i>Prerequisite:</i> Satisfactory completion of: THART 12A		
<i>Transferable to CSU/UC</i>		
<p>Thart 12B furthers mastery of intermediate acting theories and techniques. Students will analyze and perform realistic, stylized and classical texts as well as devised theatre. Students will prepare a capstone audition portfolio to prepare them for auditions. Students will work on more complex scenes and further refine their skills through higher level acting exercises. The course covers intermediate methods, improvisation, craft, vocal production, interpretation, auditioning, stage movement and character analysis. Participation in an actor showcase, one-act, or full-length play at the end of the semester is required. Field trips and/or attendance of live performances may be required. Grades are P/NP option.</p>		

THART 26 162 lab hours	Musical Theatre Workshop	3 units
<p><i>Conditions of Enrollment:</i> Audition; THART 26 is an intensive course designed to prepare Music and Theatre Arts majors for careers in acting, musical performance, and/or performance production. In order to be fully successful in this course, students should already possess some knowledge of theatre performance and production.</p> <p><i>Transferable to CSU</i></p> <p>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. Grades are P/NP option.</p>		
THART 29R 54-162 lab hours	College Theatre	v1-3 units
<p><i>Conditions of Enrollment:</i> Audition; THART 29 is an intensive course designed to prepare Theatre Arts majors for careers in acting and/or performance production. In order to be fully successful in this course, students should already possess some knowledge of theatre performance and production.</p> <p><i>Transferable to CSU/UC</i></p> <p><i>C-ID THTR 191</i></p> <p>This course provides instruction and supervised participation in theatre rehearsal and performance including acting, directing, design, and technical work, culminating in a theatre production. Plays will be selected from various periods and styles. Other: Repeatable three times only. Grades are P/NP option.</p>		
THART 30 162 lab hours	Technical Theatre in Production	3 units
<p><i>Conditions of Enrollment:</i> Audition/interview required.</p> <p><i>Transferable to CSU</i></p> <p><i>C-ID THTR 192</i></p> <p>Practical experience in the application of production responsibilities in the following: stage management, construction, scenery, properties, lighting, sound and running crews. Grades are P/NP option.</p>		
THART 32 54 lecture hours	Film Studies: Focus on ...	3 units
<p><i>Transferable to CSU/UC</i></p> <p>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. Grades are P/NP option. (L)</p>		
THART 33 54 lecture hours	History of Film	3 units
<p><i>Transferable to CSU/UC</i></p> <p>Survey of the motion picture history; traces the development of the art, technology, and social importance of film during the last 125 years; screenings of significant and representative documentary and experimental films from the silent to the modern era. Not open to students with credit in ENGL 33 or HUM 33. Grades are P/NP option.</p>		

Programs and Courses

MUSICAL THEATRE: *Family of Classes*

(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)

THART 26—Musical Theatre Workshop

THART 11B—Introduction to Acting II

THART 12A—Intermediate Studies in Acting I

THART 12B—Intermediate Studies in Acting II

THEATRE: *Family of Classes*

(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)

THART 29R—College Theatre

THEATRE PRODUCTION:
Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)

THART 45A—Stagecraft 1

THART 45B—Production and Technical Theatre I

THART 45C—Production and Technical Theatre II

THART 34	Introduction to Film	3 units
<i>54 lecture hours</i>		
<i>Transferable to CSU/UC</i>		
Study of film as art and its influence on society, including interpretation, criticism, and technical developments; students view and discuss full-length feature films. Not open for credit to students with credit in ENGL 34 or HUMAN 34. (L)		
THART 45A	Stagecraft 1	3 units
<i>36 lecture hours, 54 lab hours</i>		
<i>Transferable to CSU/UC</i>		
<i>C-ID THTR 171</i>		
Practices, terminology, and organization of contemporary theatre technology; exercises in construction and implementation of all technical aspects of production (sets, lighting, sound, costumes, properties, stage management, make-up). Integrated with Yuba College theatre productions.		
THART 45B	Production and Technical Theatre I	3 units
<i>36 lecture hours, 54 lab hours</i>		
<i>Transferable to CSU/UC</i>		
<i>C-ID THTR 172</i>		
Students will be offered a survey of scenery, lighting, sound, costumes, makeup, properties, theatrical equipment and construction techniques through demonstration and laboratory experience. Information is applicable to all formal theatrical applications. The course will introduce best practices for, terminology, and organization of contemporary theatre technology. Students will participate in exercises in construction and implementation of all technical aspects of production (sets, lighting, sound, costumes, properties, stage management, make-up). Grades are P/NP option.		
THART 45C	Production and Technical Theatre II	3 units
<i>36 lecture hours, 54 lab hours</i>		
<i>Transferable to CSU</i>		
<i>C-ID THTR 173</i>		
This course involves the study and execution of stagecraft with a focus on stage lighting and emphasis on equipment, control, color and their relationship to design. Grades are P/NP option.		

FOUNDATIONS OF ACTING: *Family of Classes*

(No more than four classes can be attempted within each family of classes listed below. See page 51 for details.)

THART 11A—Introduction to Acting

THART 11B—Introduction to Acting II

THART 12A—Intermediate Studies in Acting I

THART 12B—Intermediate Studies in Acting II

Veterinary Technology

Accredited by the American Veterinary Medical Association, Yuba College offers an Associate of Science Degree Program in Veterinary Technology. The Program is a full-time course of study that can be completed in two years or extended by completing the General Education, Science and other graduation requirements prior to admission into the veterinary technology sequence. The latter format is highly recommended. Graduates of the Veterinary Technology Program are eligible to take the California State and National licensing examinations to become a Registered Veterinary Technician. Additionally, the Veterinary Technology Program offers two on-line

Certificate of Achievement programs in Veterinary Assisting/ Receptionist and Veterinary Public Health and Food Safety; plus three on-line Certificate of Training programs in Shelter Medicine, Laboratory Animal Medicine, and Large Animal Care and Management.

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 entrance in the subsequent fall semester. The Program starts a new class each fall semester. The Veterinary Technology Program application may be printed from the Program's website: http://www.yccd.edu/yuba/vettech/vt_application.pdf. General application to or 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 a 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 dexterity requirements that the Veterinary Technology Program student can expect to encounter (<http://vettech.yccd.edu/orientation.aspx>).

Costs: In addition to the expenses of regularly enrolled students (e.g., living costs, activity fees, books, tuition), Veterinary Technology Program students have the additional requirements of uniforms, drug screening, E*Value™ student informatics system, and radiation 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 in excess to required individual course hours. Travel will be required of all students.

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 verifiable 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 MCOMM/ EDUC 40, "Introduction to Online Learning" course be completed prior to Program admission to insure 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 portion of the Program, requiring some degree of travel of all students while pursuing their veterinary technology education.

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 own 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 clinic 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.
- **Laboratory Diagnostics Option:** Completion of VETT 4 Clinical Laboratory Techniques, VETT 52 Human Animal Bond, VETT 57 Animals and Society, completion and submission of an original laboratory diagnostics research project, and at least 4 units of VETT 5 as a laboratory diagnostics 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.
- **Shelter Medicine Option:** Completion of VETT 52 Human Animal Bond, VETT 56 Shelter Medicine, VETT 57 Animals and Society, completion and submission of an original shelter medicine research project, and at least 4 units of VETT 5 as a shelter medicine internship.

VETERINARY TECHNOLOGY (Associate in Science)

<http://vettech.yccd.edu/as-degree.aspx>

Additional Graduation requirements are needed for the degree -- See graduation information.

Students who complete this program should be able to:
1. Apply critical thinking skills when confronted with issues and problems in veterinary medical practice.
2. Display behavior consistent with the highest professional ethics to foster personal growth and civic responsibility.
3. Demonstrate competence in the husbandry, restraint, and handling of animals to include knowledge of normal and abnormal life processes and the diagnostic, medical, and surgical techniques needed to enhance and preserve human and animal health.

Required Courses	Units
First Semester (fall)	Units
VETT 1 Introduction to Veterinary Technology	3 units
VETT 4 Clinical Laboratory Techniques	3 units
VETT 7 Veterinary Business Management	3 units
VETT 16 Professional Development Seminar	1 unit
VETT 55 Veterinary Medical Terminology	3 units

Second Semester (spring)	
VETT 2 Veterinary Physiology and Anatomy	3 units
VETT 2L Veterinary Anatomy Laboratory	2 units
VETT 3 Pharmacology for Veterinary Technicians	3 units
VETT 5 Veterinary Technology Internship	2 units
VETT 56 Shelter Medicine.....	3 units

Third Semester (summer)	
VETT 5 Veterinary Technology Internship	2 units
VETT 11 Veterinary Emergency and Critical Care	3 units
VETT 12 Introduction to Veterinary Medical Math	2 units

Fourth Semester (fall)	
VETT 5 Veterinary Technology Internship	2 units
VETT 6 Veterinary Workplace Safety	3 units
VETT 8 Large Animal Medicine and Nursing	3 units
VETT 53A Veterinary Surgical Nursing and Anesthesia	4 units
VETT 53B Veterinary Diagnostic Imaging	2 units

Fifth Semester (spring)	
VETT 5 Veterinary Technology Internship	2 units
VETT 9 Laboratory Animal Medicine	2 units
VETT 53C Advanced Veterinary Nursing Techniques	4 units
VETT 53D Principles of Veterinary Dentistry	2 units
VETT 54 Public Health & Infectious Disease	3 units
VETT 59 Veterinary Technology Board Review	2 units
Minimum units for degree major.....	62

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.

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

- **Small Animal Emergency and Critical Care Option:** Completion of VETT 11 Veterinary Emergency and Critical Care, VETT 52 Human Animal Bond, VETT 57 Animals and Society, completion and submission of an original emergency and critical care research project, and at least 4 units of VETT 5 as an emergency or critical care internship.

Veterinary Assistant/Receptionist Certificate

The Veterinary Assistant course of study is a fully on-line Certificate of Achievement that provides the course work, direction and work experience necessary to prepare students or augment existing skills to develop knowledge and self confidence working with animals as a veterinary assistant, receptionist, pet shop, kennel, animal control or animal shelter worker. Students learn effective communication techniques, veterinary terminology, procedures for medical records and admitting/discharging patients, animal behavior basics, inventory management and ordering techniques, how to deal with difficult clients, book keeping skills, animal restraint, animal grooming, administration of medication and veterinary medical assisting.

Valuable members of the veterinary medical team, the veterinary assistant works under the supervision of the Registered Veterinary Technician and veterinarian to facilitate the delivery of quality medical care to their animal patients. Students will learn via the Internet, on-line discussion groups, videotaped presentations and textbooks. This convenient distance learning program is ideal for the working professional and allows for more flexibility than a traditional college curriculum and is designed to allow students to complete the Certificate of Achievement in just one year. In addition to providing the necessary information to upgrade current job skills for those already employed in 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)

Students who complete this program should be able to:
1. Apply critical thinking skills when confronted with issues and problems in veterinary medical practice.
2. Display behavior consistent with the highest professional ethics to foster personal growth and civic responsibility.
3. Demonstrate competence in the husbandry, restraint, and handling of animals to include knowledge of normal and abnormal life processes and the common medical procedures performed in veterinary medical practice.

Required Core Courses	Units
VETT 5 Veterinary Technology Internship	2 units
VETT 6 Veterinary Workplace Safety	3 units
VETT 7 Veterinary Business Applications	3 units
VETT 55 Veterinary Medical Terminology	3 units
VETT 91 Veterinary Assisting	3 units

Plus three units from the following:	
AG 11 Agricultural Accounting	3 units
AG 44 Horse Production.....	3 units
AG 45 Principles of Animal Science	3 units
AG 45L Principles of Animal Science	3 units
BIOL 10 General Biology OR	3 units
BIOL 10L General Biology	4 units
GNBUS 52 Business English	3 units
VETT 8 Large Animal Medicine and Nursing.....	3 units
VETT 9 Laboratory Animal Medicine	2 units
VETT 10 Exotic and Wildlife Medicine.....	3 units
VETT 12 Introduction to Veterinary Medical Math	1 units
VETT 14 Veterinary Management of Equine Reproduction	3 units
VETT 52 Human Animal Bond.....	3 units
VETT 54 Public Health & Infectious Disease	3 units
VETT 56 Shelter Medicine.....	3 units
VETT 57 Veterinary Technology Board Review.....	2 units
Total units required	17
*Additional certificate requirements: VETT 5 internship will be held at an approved animal care facility.	

VETT 1	Introduction to Veterinary Technology	3 units
54 lecture hours		
Other: Admission to the Veterinary Technology Program. This is the introductory course to the Veterinary Technology Program. Students must submit an application and be formally accepted into the VT Program prior to beginning this introductory course.		
Transferable to CSU		
This course introduces the first year Veterinary Technology student to the diverse field of veterinary technology. Emphasis on career paths, legal requirements, ethics, animal breeds, patient exams, and medical records. Multiple species will be covered and students will engage in hands-on care of all VT Program animals on a repeating basis throughout the semester (L,M,C)		

VETT 2	Veterinary Physiology and Anatomy	3 units
54 lecture hours		
Prerequisite: Satisfactory completion of: VETT 4		
Transferable to CSU		

Gross anatomy and physiology of domestic animals. Includes the study of body systems such as skeletal, muscular, integumentary, respiratory, nervous, circulatory, excretory, reproductive, endocrine and digestive. Also includes physiologic principles of certain pathological problems and surgical conditions. Application of normal physiology as it pertains to anatomy, animal health and disease. (L,M,C)

VETT 2A	Veterinary Anatomy	2 units
18 lecture hours, 54 lab hours		
Prerequisite: Satisfactory completion of: VETT 1 and VETT 4		
Transferable to CSU		

Gross anatomy of domestic animals. This laboratory course will introduce the veterinary technology student to basic anatomy of domestic animals. Topics include anatomical and directional terms common to veterinary medical practice as well as coverage of the skeletal, integumentary, muscular, cardiopulmonary, digestive, urogenital, endocrine, and nervous systems and the special sense organs. The structure and function of the animal body as well as discussion of the similarities and differences among domestic animal species is included. (L,C)

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 Conditions: Admission to VET TECH Program.		
Transferable to CSU		

Studies of the laboratory techniques and procedures employed in evaluating clinical diagnostic samples. Emphasis will be placed on procedures common to veterinary medicine including hematology, serum chemistry, urinalysis, cytology, immunology, parasitology and microbiology. 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 5A	Veterinary Technology Internship A	v1-4 units
54-216 lab hours		
Prerequisite: Satisfactory completion of: VETT 91		
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,C)

VETT 5B	Veterinary Technology Internship B	v1-4 units
54-216 lab hours		
Prerequisite: Satisfactory completion of: VETT 91		
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 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,C)

VETT 5C	Veterinary Technology Internship C	v1-4 units
54-216 lab hours		
Prerequisite: Satisfactory completion of: VETT 91		
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: Satisfactory completion of: VETT 91		
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 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)

Programs and Courses

VETT 6	Veterinary Workplace Safety	3 units	VETT 11	Veterinary Emergency and Critical Care	3 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> This course will introduce the student to fundamental concepts of occupational health and safety including the science behind OSHA regulations, effective hazard assessment, and components of an effective safety program. Specific safety issues unique to veterinary medicine will be covered. (L)			<i>54 lecture hours</i> <i>Transferable to CSU</i> 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 7	Veterinary Business Management	3 units	VETT 12	Intro to Veterinary Medical Math	2 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> 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)			<i>36 lecture hours</i> <i>Transferable to CSU</i> Applied mathematics as a fundamental communication and technical skill. Review of calculations involving decimals, ratios, fractions and unit conversions as utilized in medical practice for dosage determinations, administration of drugs, prescriptions and intravenous fluid infusion. Course includes analysis of written word problems and real-world case scenarios relevant to veterinary medical practice. (L,M,C)		
VETT 8	Large Animal Care and Nursing	3 units	VETT 16	Professional Development Seminar	1 unit
<i>54 lecture hours</i> <i>Transferable to CSU</i> Principles of large animal medicine, surgical nursing and equine field service including performance of a complete physical examination, acquisition of a medical history, animal restraint, clinical aspects of reproductive management, knowledge of various diagnostic and therapeutic procedures, laboratory sample collection, bandaging, and emergency treatment. Additionally, surgical and obstetrical procedures and instruments, herd health, economics, and lameness topics for equine and livestock will be covered.. (C,L,M)			<i>18 lecture hours</i> <i>Transferable to CSU</i> 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 resumé construction, how to locate jobs, and how to interview successfully. Grades are P/NP only. (L)		
VETT 9	Laboratory Animal Medicine	3 units	VETT 18	Food Safety and Security	3 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> Introduction to laboratory animal medicine. Survey of feeding, common management practices, and care of laboratory animals in a clinical setting. Appropriate methods of animal handling, restraint, management practices, research techniques, husbandry, nursing, care and observation of laboratory species will be emphasized. Students will learn about guidelines, regulations, and legislation governing the use of animals in research. This course will provide information and handling skills which will help the student prepare for AALAS certification. (L,C)			<i>54 lecture hours</i> <i>Transferable to CSU</i> Food safety is an important component of public health. This course presents the basic principles and practice of food safety. Topics include food microbiology, sanitation, hazard analysis and critical control points (HACCP), toxins, allergens and food defense. Aligned with International HACCP Alliance requirements, students who complete this course will be prepared for entry-level HACCP certification. (L)		
VETT 10	Exotic and Wildlife Medicine	3 units	VETT 52	Human-Animal Bond	3 units
<i>54 lecture hours</i> <i>Transferable to CSU</i> An overview of fundamentals of avian, exotic and wildlife husbandry, physiology, management,and medicine; includes appropriate methods of animal handling, restraint, husbandry, care and observation of exotic and wild species. (L)			<i>54 lecture hours</i> Using both anthropological and sociological perspectives, the course explores the unique social relationship humans share with other animals. Students explore the mutual impact humans and animals have on each other over time and across cultures. Learners will critically evaluate the social construction of attitudes towards animals and how these values influence human-nonhuman animal interactions. (L)		

Programs and Courses

VETT 53A	Vet Surgical Nursing and Anesthesia	4 units	VETT 54	Public Health and Infectious Disease	3 units
<i>36 lecture hours, 108 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: VETT 1 or VETT 4; VETT 2 and VETT 2L Principles and techniques involving surgery and anesthesia. Includes preparation and identification of surgical instruments and equipment, routine surgical procedures, anesthesia induction and monitoring, post-surgical care, clean up and surgical record keeping. 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)			<i>54 lecture hours</i> 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 53B	Veterinary Diagnostic Imaging	2 units	VETT 55	Veterinary Medical Terminology	3 units
<i>18 lecture hours, 54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: VETT 1 or VETT 4; VETT 2 and VETT 2L Principles and techniques of radiographic imaging. Includes the production of x-rays, radiographic equipment, safety management, and radiographic quality. Also includes diagnostic radiographs and ultrasounds, positioning of patients, darkroom techniques and x-ray processing.			<i>54 lecture hours</i> This course guides learners through the process of reading, writing, and comprehending medical terminology used in the veterinary medical field including analysis and origin of word roots, prefixes and suffixes. Additionally word construction, definitions, and use of words related to the body systems are covered. Topics include the pronunciation, spelling and definition of word parts and vocabulary terms unique to the anatomy, clinical pathology, and treatment of animals. Lectures demonstrate the importance of proper vocabulary usage in patient records. (L,C)		
VETT 53C	Advanced Veterinary Nursing Techniques	4 units	VETT 56	Shelter Medicine	3 units
<i>36 lecture hours, 108 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: VETT 53A and 53B Principles and techniques involving veterinary nursing. Emphasis on venipuncture, catheterization, fluid therapy preparation, nursing care and behavior of large and small animals, preventive medicine, nutrition, record keeping and medical procedures. Also includes mentoring techniques, teamwork, communications and health problem assessment involving kennel management. 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 is required. (L,M,C)			<i>54 lecture hours</i> This course explores the origin of animal shelters as well as pet population dynamics. Students will analyze data about animal shelter systems and operations, devising solutions for identified health and welfare concerns. Topics include: behavioral assessment, infectious disease prevention and control, medical and emergency care. (L,C)		
VETT 53D	Principles of Veterinary Dentistry	2 units	VETT 57	Animals and Society	3 units
<i>18 lecture hours, 54 lab hours</i> <i>Prerequisite:</i> Satisfactory completion of: VETT 1 Principles and techniques involving veterinary dentistry. Includes preparation and identification of dental instruments and equipment, routine dental procedures, dental charting, the oral examination, oral radiography, orthodontics, pathophysiology and dental emergencies. This lecture/ laboratory course defines the role of the Registered Veterinary Technician (RVT) in veterinary dentistry. The laboratory portion of the course utilizes demonstrations, laboratory exercises, group activities, online case studies and lectures to illustrate the principles presented in lecture. (L,M)			<i>54 lecture hours</i> 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 (anthrozoology), animal social construction, and the moral relationship of animals in human society. 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	2 units			
<i>36 lecture hours</i> Review of pertinent subject matter in preparation for the National Board and California State Veterinary Technician Examinations. Includes a review of the California Statutes and Administrative Rules pertaining to veterinary medicine and content review of all pertinent medical subjects as well as question analysis strategies. Also includes test taking skills, test anxiety reduction techniques and practice board exams; includes information on exam application processes. (C,L,M)					

VETT 91 **Veterinary Assisting** **3 units**
54 lecture hours
Concepts of veterinary medicine needed to function effectively as a veterinary assistant, veterinary receptionist, kennel staff or animal shelter worker. This course does not lead to the AS Degree in Veterinary Technology but can be used as a step towards entry into that program. (L)

VOCATIONAL NURSING (see Nursing)

Welding Technologies

The Welding Program teaches curriculum that is designed to meet the minimum skill standards established by the American Welding Society (AWS) for entry-level welders. Our comprehensive program develops a student's skills in metals cutting and joining processes. Training is given in both theory and practical skills in the various phases of welding and cutting. This includes introductory to advanced methods plasma and air carbon arc cutting, oxyacetylene cutting, SMAW (stick), GTAW (TIG) welding, SMAW (MIG) welding, and FCA (flux core), welding inspecting, testing principles and fabrication techniques, and other processes. Our classes are conducted in laboratories outfitted with modern industrial welding, cutting, CNC plasma, forming, fixturing, tube and pipe shaping and other fabrication equipment. Entry-level welders are employed in a wide range of industries that use welding and welding-related tasks as project managers, supply salespeople, and teachers, or possible puruse a higher degree.

WELDING TECHNOLOGIES (Associate in Science)
Students who complete this program should be able to:
1. Demonstrate appropriate workplace safety policies and procedures during welding and fabrication operations.
2. Demonstrate minimum competency in major welding processes used in industry
3. Recognize and interpret technical drawings in planning and fabrication projects.

REQUIRED COURSES	Units
DRAFT 20 Blueprint and Specifications Reading.....	3
MFGT 20 Principles of Machine Shop.....	3
WELD 10 Introduction to Shielded Metal Arc Welding	4
WELD 12 Intermediate Shielded Metal Arc Welding	4
WELD 20 Introduction to Gas Metal Arc Welding.....	4
WELD 22 Intermediate Gas Metal Arc Welding.....	4
WELD 40 Introduction to Gas Tungsten Arc Welding.....	4
WELD 50 Introduction to Structural Steel and Flux Cored Arc Welding	4
WELD 85 Structural Design and Fabrication.....	4

Plus 3 units from the following courses:
AUTO 22 Hydraulics (Fluid Power)3
CWEE 45A Occupational Work Experience-Volunteer.....1-4
CWEE 45B Occupational Work Experience-Paid.....1-4
MFGT 21 Intermediate Machine Shop3
WELD 52 Intermediate Structural Steel and Flux Cored Arc Welding.....4
WELD 64 Advanced Pipe Welding4
Total units required for degree major.....37
Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

ADVANCED WELDING TECHNOLOGIES (Certificate of Achievement)
Students who complete this program should be able to:
1. Demonstrate appropriate workplace safety policies and procedures during welding and fabrication operations.
2. Demonstrate minimum competency in major welding processes used in industry
3. Recognize and interpret technical drawings in planning and fabrication projects.

Required Courses	Units
DRAFT20 Blueprint and Specifications Reading.....	3
MFGT 20 Principles of Machine Shop.....	3
WELD 10 Introduction to Shielded Metal Arc Welding	4
WELD 12 Intermediate Shielded Metal Arc Welding	4
WELD 20 Introduction to Gas Metal Arc Welding.....	4
WELD 22 Intermediate Gas Metal Arc Welding.....	4
WELD 40 Introduction to Gas Tungsten Arc Welding.....	4
WELD 50 Introduction to Structural Steel and Flux Cored Arc Welding	4
WELD 85 Structure Design and Fabrication.....	4
Total units required	34

ADVANCED WELDING TECHNOLOGIES (Certificate of Achievement with 30-59.5 units)
Students who complete this program should be able to:
1. Demonstrate appropriate workplace safety policies and procedures during welding and fabrication operations.
2. Demonstrate minimum competency in major welding processes used in industry
3. Recognize and interpret technical drawings in planning and fabrication projects.

Required Courses	Units
DRAFT 20 Blueprint and Specifications Reading.....	3
MFGT 20 Principles of Machine Shop.....	3
WELD 10 Introduction to Shielded Metal Arc Welding	4
WELD 12 Intermediate Shielded Metal Arc Welding	4
WELD 20 Introduction to Gas Metal Arc Welding.....	4
WELD 22 Intermediate Gas Metal Arc Welding.....	4
WELD 40 Introduction to Gas Tungsten Arc Welding.....	4
WELD 50 Introduction to Structural Steel and Flux Cored Arc Welding	4
WELD 85 Structure Design and Fabrication.....	4
Total units required	34

FABRICATION AND MANUFACTURING METHODS (Certificate of Achievement)
Students who complete this program should be able to:
1. Demonstrate appropriate workplace safety policies and procedures during welding and fabrication operations.
2. Demonstrate minimum competency in major welding processes used in industry
3. Recognize and interpret technical drawings in planning and fabrication projects.

Required Courses	Units
WELD 83 GMAW/GTAW Production Welding	4
WELD 84 Applied Fabrication Welding.....	4
WELD 85 Structure Design and Fabrication.....	4
WELD 88 Welding Technical Problems	4
MFGT 20 Principles of Machine Shop.....	3
MFGT 34 Computer Numerical Control.....	4
MFGT 35 Computer Aided Manufacturing.....	3
MFGT 60 Problems in Manufacturing Technology	3
DRAFT20 Blueprint and Specifications Reading.....	3
Total units required	32

INTRODUCTORY WELDING TECHNOLOGIES (Certificate of Achievement)
Students who complete this program should be able to:
1. Demonstrate appropriate workplace safety policies and procedures during welding and fabrication operations.
2. Demonstrate minimum competency in major welding processes used in industry
3. Recognize and interpret technical drawings in planning and fabrication projects.

Required Courses	Units
WELD 10 Introduction to Shielded Metal Arc Welding	4
WELD 20 Introduction to Gas Metal Arc Welding.....	4
WELD 40 Introduction to Gas Tungsten Arc Welding.....	4
WELD 50 Introduction to Structural Steel and Flux Cored Arc Welding.....	4
Total units required	16

WELD 10 Introduction to Shielded Metal Arc Welding (SMAW) 4 units
54 lecture hours, 54 lab hours
Transferable to CSU
This course advances beginning arc welding skills with an emphasis on Shielded Metal Arc Welding (SMAW). Power sources, electrode identification, weldability of metals, joint design, air arc, oxyacetylene cutting, and introduction to other welding processes are covered. Activities include learning to weld stringer and weave beads, and producing butt and fillet welds in the flat and horizontal positions. Welds will be performed to the AWS welding standards. Grades are P/NP option.

Programs and Courses

WELD 12	Intermediate Shielded Metal Arc Welding (SMAW)-	4 units
<i>54 lecture hours, 54 lab hours</i>		
<i>Prerequisite:</i> Satisfactory completion of: WELD 10		
<i>Transferable to CSU</i>		
This course covers intermediate arc welding skills with emphasis on vertical and overhead welding with the Shielded Metal Arc Welding (SMAW) process. Course activities prepare the student for weld certification, pipe welding and advanced arc welding classes. Weld symbols, joint preparation, weld codes, AWS standards and weld alloys are covered.		
WELD 14	Advanced Shielded Metal Arc Welding (SMAW)	2 units
<i>18 lecture hours, 54 lab hours</i>		
<i>Prerequisite:</i> Satisfactory completion of: WELD 12		
<i>Transferable to CSU</i>		
This is an advanced course designed to prepare students to pass structural steel certification in vertical and overhead positions. The Shielded Metal Arc Welding (SMAW) process will be used. The goal of this class is to pass the AWS D1.1 Welding Certificate Test. Strict adherence to the testing procedures will be followed. Completion of the class does not guarantee AWS certification unless welding procedure qualification tests are passed. Grades are P/NP.		
WELD 20	Introduction to Gas Metal Arc Welding (GMAW)	4 units
<i>54 lecture hours, 54 lab hours</i>		
<i>Transferable to CSU</i>		
Emphasizes developing skills on light gauge steel, aluminum, and stainless steel. Related instruction will include ferrous and nonferrous metal identification and their welding characteristics, MIG welding applications and variable, inert shielding gases and mixtures, trouble shooting MIG equipment and welds and spot welding.		
WELD 22	Intermediate Gas Metal Arc Welding (GMAW)	4 units
<i>54 lecture hours, 54 lab hours</i>		
<i>Prerequisite:</i> Satisfactory completion of: WELD 20		
<i>Transferable to CSU</i>		
This is an intermediate course with an emphasis on vertical and overhead welding. Designed for the student interested in improving upon the Gas Metal Arc Welding (GMAW) skills learned in Weld 20. This course emphasizes skills needed for entry into the work force as a GMAW (also known as MIG) welder. Grades are P/NP option.		
WELD 24	Advanced Gas Metal Arc Welding (GMAW)	2 units
<i>18 lecture hours, 54 lab hours</i>		
<i>Prerequisite:</i> Satisfactory completion of: WELD 22		
<i>Transferable to CSU</i>		
This is an advanced course with an emphasis on out of position Gas Metal Arc Welding (GMAW) welding. This course is designed for those who wish to improve their skills and prepare for entry into the workforce as a GMAW (also known as MIG) welder. Grades are P/NP option.		

WELD 40	Introduction to Gas Tungsten Arc Welding (GTAW)	4 units
<i>54 lecture hours, 54 lab hours</i>		
<i>Transferable to CSU</i>		
This course is an introduction to the Gas Tungsten Arc Welding (GTAW) process. The course covers welding techniques for welding mild steel, aluminum and stainless steel. The course will stress welding applications on flat and pipe stock in all positions to develop GTAW (also known as TIG) welding skills. Course content will include metal identification and welding symbols. Grades are P/NP option.		
WELD 42	Intermediate Gas Tungsten Arc Welding (GTAW)	4 units
<i>54 lecture hours, 54 lab hours</i>		
<i>Prerequisite:</i> Satisfactory completion of: WELD 40		
<i>Transferable to CSU</i>		
This is an intermediate course with an emphasis on vertical and overhead Gas Tungsten Arc Welding (GTAW). 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 GTAW (also known as TIG) welder. Grades are P/ NP option.		
WELD 44	Advanced Gas Tungsten Arc Welding (GTAW)	2 units
<i>18 lecture hours, 54 lab hours</i>		
<i>Prerequisite:</i> Satisfactory completion of: WELD 42		
<i>Transferable to CSU</i>		
This is an advanced laboratory course further emphasizing out of position Gas Tungsten Arc Welding (GTAW). This course is designed for those who wish to improve their skills to a level that will make them marketable in the workforce as a GTAW (also known as TIG) welder. Grades are P/NP option.		
WELD 50	Introduction to Structural Steel and Flux Cored Arc Weld (FCAW)	4 units
<i>54 lecture hours, 54 lab hours</i>		
This course emphasizes developing skills on structural steel and Flux Cored Arc Welding (FCAW) practices. Related instruction will include ferrous metal identification and welding characteristics, FCAW welding applications and variable, dual shield inert shielding gases and mixtures. Students will troubleshoot FCAW equipment and welds completed in all positions. Grades are P/NP option.		
WELD 52	Intermediate Structural Steel and Flux Cored Arc Welding (FCAW)	4 units
<i>54 lecture hours, 54 lab hours</i>		
<i>Prerequisite:</i> Satisfactory completion of: WELD 50		
This course emphasizes improving skills in structural steel and flux cored arc welding (FCAW) practices. Related instruction will include: ferrous metal identification and welding characteristics, FCAW welding applications and variables, dual shield inert shielding gases and mixtures, troubleshooting FCAW equipment, and welding in all positions. Grades are P/ NP option.		

Programs and Courses

WELD 54	Advanced Flux Cored Arc Welding (FCAW)	2 units
<i>18 lecture hours, 54 lab hours</i>		
<i>Prerequisite:</i> Satisfactory completion of: WELD 52		
This is an advanced laboratory course further emphasizing out-of-position flux cored arc welding (FCAW). This course is designed for those who wish to improve their skills to prepare them for entry into the workforce as a FCAW welder. Grades are P/NP option.		
WELD 62	Pipe Welding Fundamentals	4 units
<i>54 lecture hours, 54 lab hours</i>		
<i>Prerequisite:</i> Satisfactory completion of: WELD 10 or WELD 12 or WELD 20 or WELD 40		
This course covers fundamentals of pipe welding with emphasis on open groove pipe joints and pipe joint preparation using oxy-fuel cutting, plasma cutting, and proper grinding techniques. The course emphasizes shielded metal arc welding (SMAW) but will introduce students to other welding processes related to welding pipe in all positions. Grades are P/NP option.		
WELD 64	Advanced Pipe Welding	4 units
<i>54 lecture hours, 54 lab hours</i>		
<i>Prerequisite:</i> Satisfactory completion of: WELD 62		
This is an advanced pipe welding course with an emphasis on ASME, AWS and API certification. Course instruction includes pipe welding codes, and classification and identification of pipe and pipe welding procedures. Completion of the class does not guarantee certification unless welding procedure qualification tests are passed. Grades are P/NP option.		
WELD 83	GMAW/GTAW Production Welding	4 units
<i>54 lecture hours, 54 lab hours</i>		
This course is an introduction to gas tungsten arc welding (GTAW) and gas metal arc welding (GMAW). It covers plasma art cutting, application of processes, and use of a track cutter. Students will be introduced to manual and Computer Numerical Control (CNC) plasma cutting. Grades are P/NP option.		
WELD 84	Applied Fabrication Welding	4 units
<i>54 lecture hours, 54 lab hours</i>		
This course focuses on project design, metal fabrication, and fabrication methods. Students will receive instruction on designing, cutting assembling, and welding. Students will learn sheet metal design and fabrication techniques utilizing manual and automated equipment. Grades are P/NP option.		
WELD 85	Structure Design and Fabrication	4 units
<i>54 lecture hours, 54 lab hours</i>		
Structural weld design and fabrication of weldments. Safe operation and use of mechanized iron workers, tubular benders, press brakes and other fabrication equipment. Students will receive instruction on utilization of blueprints, welding symbols, cost estimation, and layout techniques, in regards to structural steel applications. Grades are P/NP option. (C)		

WELD 88	Welding Technical Problems	4 units
<i>54 lecture hours, 54 lab hours</i>		
Individualized instruction of special topics; including weld testing and certification, industry standards, A.N.S.I., A.W.S., A.P.I., A.S.M.E., research, and special welding processes and projects. Grades are P/NP option. (C)		
WELD 89	Agriculture Welding	2 units
<i>18 lecture hours, 54 lab hours</i>		
Emphasizes the development of minimum skill standards in welding. The SMAW (shielded metal arc welding), OFW (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)		

Classified Staff

Yuba College

DIANA ADAMS
Foster Care Education/ILP

RAMINDER BAINS
Administrative Secretary II
B.A., Punjab University-India

ALEJANDRA BARNES
Administrative Secretary II
A.S., Yuba College

SHARON BATISTA
Child Development Assistant
A.S., Yuba College

ERIKA BERNAL
Child Development Assistant
A.S., Yuba College

VICTORIA BISIAR
Clerical Assistant

COREY BLASCHEK-MILLER
Athletic Trainer

SHARICE BONACHEA
Student Services Technician
B.A., CSU San Francisco

QUY BUI
Instructional Associate-Math
A.S., Yuba College;
B.S., UC Davis

RONDA CAMPTON
Fiscal Support Technician

SUSIE COURPET
Science Lab Technician-Chemistry
B.S., CSU Chico

KELLY CUNNINGHAM
Instructional Associate-Language Arts
A.S., Yuba College;
B.A., Single Subject English
Credential, CSU Chico

ROSA DE LA TORRE
Clerical Assistant
A.S., Yuba College

INDERJIT DEOL
Outreach and Recruitment
Specialist

SONIA DIAZ
Financial Aid Technician
A.A., Yuba College

KRISTI DUNEHEW
Financial Aid Technician
A.S., Shasta College;
A.S., Yuba College

LINDA ELLIOTT
Cashier

MICHAEL ENOKSEN
Testing Technician
A.A., Yuba College;
B.A., Brandman University

JOANA ENRIQUEZ
Clerical Assistant

CRYSTAL FERRER
Administrative Secretary I

ANGELA FOWLER
Alternate Media Specialist
A.A., Yuba College;
B.A., CSU Sacramento

RILEY FREDERKING
MESA Specialist

GLORIA GARCIA
Administrative Secretary I
A.S., Yuba College

JESSICA GAYTAN
Clerical Assistant

SARA GAYTAN
Executive Assistant to the Vice
President

CORRINE GIL
Public Safety Administrative
Specialist
A.S., Yuba College

RYAN GOERGEN
Financial Aid Technician
A.S., Yuba College

CHOYA GUILD
Child Development Assistant

MARTIN GUTIERREZ
Director, Financial Aid
A.S., Yuba College;
B.S., CSU Chico;
M.B.A., National University

IRMA GUZMAN
Student Success Specialist
A.A., Yuba College

VICKI HAMMONDS
Child Development Assistant

ERICA HAVILAND
Child Development Assistant

ELIZABETH HEXBERG
Child Development Assistant

MILENA HMELEVA
Piano Accompanist

SUSAN JOW
Senior Student Services Technician

TONY JOW
Instructional Associate-Basic Skills

JESSICA KEEN
Student Services Technician

MELODY KEMPTON
DSPS Program Specialist-
Interpreter
A.S., Yuba College

AMBER KUYKENDALL
Veterinary Technology Specialist
A.S., Yuba College;
B.S., CSU Chico

GREGORY LOPIN
Athletic Trainer

PORYE LOR
Clerical Assistant

JOHN MARSH
Financial Aid Analyst
B.A., Chapman University

Sutter County
Center

MINERVA BARRON
Campus Operations Specialist I

STEPHANIE BONE
Instructional Associate-Basic Skills

ROY MARTIN
Director, Campus Operations

TERESA PARAS
Campus Operations Specialist II
A.A., Yuba College; B.S., St. Mary's
College; M.S., University of LaVerne

ANNIE REVELL
Campus Operations I

MENG THAO
Library/Media Specialist

ROCHELLE McCAULLEY
Foster Care Education/ILP

TONY McDANIEL
EOPS/CARE Specialist

KRISTYN MCFARLAND
Administrative Secretary I

RENEE McKENZIE
Child Development Site Supervisor
A.S., Yuba College

JULIE MILLER
Library/Media Specialist
B.A., CSU Sacramento

SILVIA NAVA
EOPS/CARE Specialist
A.A., Yuba College

APRIL NUNEZ
Library/Media Specialist

AFGHANI OBAIDI
Child Development Assistant
A.S., Yuba College

ROSA PACKARD
Administrative Secretary II

AGUSTINA RAMIREZ
Child Development Assistant

ANA RAMOS GONZALEZ
Financial Aid Technician

TAMMY ROGERS
Child Development Instructional
Specialist

MICHELLE ROSALES
EOPS/CARE Specialist

MICHELLE SILLER
Secretary
A.S., Yuba College

AMANDA SMITH
Administrative Secretary II

SHELLY SMITH
Senior Student Services Technician
A.S., Yuba College

KAREN STANIS
Director, District Child
Development Program

CAROLIE STONER
Administrative Secretary I

JOSEPH STOTTMANN
Instructional Associate-Theatre
A.A., Yuba College

SHEILA SULESKI
Curriculum and Scheduling
Specialist

GIL TERRONES
Tool Room Assistant

ANABEL TOCHE
EOPS/CARE Assistant Director
A.S., Yuba College
B.A., Humboldt State University

KAO LEE VANG
Director, Upward Bound

KRISTINA VANNUCCI
Director, Academic Excellence
B.S., UC Davis;
M.A., University of Phoenix

VIRGINIA VELASQUEZ
Child Development
Instructional Specialist
A.S., Yuba College

DENISE VILLANUEVA
Student Services Technician
A.S., Yuba College

ANITA WILKS
Administrative Secretary II
A.A., Yuba College

ZULEMA ZERMENO
Executive Assistant to the
Vice President

Academic Faculty and Administrators

Yuba College

MICHAEL BAGLEY
Dean, Science, Technology, Engineering and Math
B.S., M.S., Ph.D., UC Davis; M.A. Texas A&M

RUPINDER “RUPY” BAJWA
Counselor
B.A., CSU Sacramento; M.S., University of LaVerne

JOSEPH BAUER
Manufacturing
B.S., CSU Chico

TUESDAY BENAVIDEZ-KNIGHT
Nursing

KELLY BOREN
Counselor
A.A., College of Southern Idaho; B.A., M.S., San Diego State University

JEREMY BROWN
Dean, Student Success and Institutional Effectiveness
B.A., M.A., Azusa Pacific University

DENICE BURBACH
Early Childhood Education/Coordinator
B.S., Pacific Union College; M.A., Pacific Oaks College

SUJAN BURGESSON
Humanities/Philosophy
B.A., M.A., CSU Sacramento; Ph.D., Theological Graduate Union

ERICK BURNS
Director of Kinesiology, Health, Athletics
B.S., CSU Sacramento; M.S.S., United States Sports Academy

KOREY CHAMPE
Earth Science/Physical Science
B.A., CSU Chico; M.S. South Dakota University

TALWINDER CHETRA
Mathematics
B.S., Panjab University; B.Ed., M.S., Guru Nanak Dev University

BRIAN CONDREY
English
B.A., M.A., CSU Chico

DANIEL CONSOER
Biology
B.S., Iowa State University; M.S., Louisiana State University; Ph.D., University of Minnesota

WILLIAM COOK
English as a Second Language
B.A., Briar Cliff University; M.A., St. Michael's College

DOUGLAS CORNELIUS
Kinesiology, Health, and Athletics; Head Men's Basketball Coach
A.A., College of the Siskiyous; B.S., CSU Sacramento; M.A., St. Mary's College

LORE DOBUSCH
Counselor—EOPS/CARE
B.S., M.S., CSU Sacramento

TAWNY DOTSON
President
B.S., Washington State University; M.B.A, University of Missouri; Ed.D., Oregon State University

CASSANDRA DULIN
English
B.S., Ed.D., University of Pacific; M.A., CSU Stanislaus; Ph.D., University of Texas

ELENA FLACKS
Librarian
B.A. International University; MALS, Dartmouth College; MLIS, Wayne State University; Ed.D., Drexel University

MARC FLACKS
Sociology
B.A., Wesleyan University; M.A., Ph.D., UC Santa Cruz

SHAWN FREDERKING
English
B.A., M.A., CSU Chico; TESOL, UC Santa Barbara

JOANNA FROST
DSPS Learning Disabilities Specialist
B.A., CSU Chico; M.A., CSU Sacramento

Academic Faculty and Administrators

LYNETTE GARCIA
Nursing
A.S., A.D.N., Yuba College; B.S.N., CSU Chico; M.S.N., University of Phoenix

JAMES GILBREATH
Theatre Arts
B.A., M.A., Royal Central School of Speech and Drama

RAJAN GILL
History
A.A., Yuba College; B.A., UC Davis; M.A., UC Santa Cruz

MELISSA HA
Biology
B.S., M.S., CSU Chico

VALERIE HARRIS
Counselor
A.A., Yuba College; B.A., M.S., CSU Sacramento

PRISCILLA HERNANDEZ
Counselor—CalWORKs
B.A., Loyola Marymount; M.S., CSU Los Angeles

LI-CHIUAN “LENA” HSIEH
Political Science
B.A., National Chengchi University; M.A., University at Buffalo; Ph.D., National Taiwan University

DWAYNE HUNT
Vice President of Student Services
M.A, University of Mississippi; Ph.D., Northeastern University

GLENN HUSTED
Art
B.A., Pitzer College; M.F.A., Claremont Graduate School

LISA JENSEN-MARTIN
Psychology
A.A., Yuba College; B.A., M.A., CSU Sacramento

DOUGLAS JOKSCH
Computer Science
A.A., Arkansas State University; B.S., Southern Illinois University; B.S., M.S., West Coast University

SUZANNE JONES
Psychiatric Technology/Coordinator
A.S., A.D.N., Sierra College; B.S., Graceland University

BRIAN JUKES
English
B.A., M.A., CSU Sacramento

AMANDEEP KANDOLA
Director, Counseling
B.A., CSU Chico; M.S., CSU Sacramento

PRABHJEET KAUR
Biology
B.S., M.S., CSU Bakersfield

GREGORY KEMBLE
English
B.A., M.A., UC Irvine

KIARA KOENIG
English
B.A., M.A., M.F.A., CSU Chico

CHERYL LATIMER
Counselor
B.A., M.A., San Francisco State University; M.S., CSU Sacramento

MARK LYDON
Mathematics
B.S., CSU San Luis Obispo; Ph.D., UC Davis

KYLE MATHIS
Veterinary Technology/Coordinator
B.A., UC Santa Cruz; D.V.M., UC Davis

CARRIE MEHLERT
Nursing
A.D.N., Merced College; B.A., CSU Sacramento; M.S.N, Grand Canyon University

KYRA MELLO
English
B.A., M.A., CSU Chico

YULIANA MENDEZ
General Business
B.A., CSU Sacramento; M.A., USC Los Angeles

PHILLIP MILKS
Automotive
A.S., Fresno City College

COLLEEN MONAHAN
Nursing
A.D.N., Yuba College; B.S.N., CSU Chico; M.A. University of Phoenix

JOSE RAMON MUNOZ
Spanish
B.A., CSU Chico; M.A., CSU Sacramento

CHRISTOPHER MYERS
Business
B.S., CSU San Jose; M.B.A., National University

DYLAN NOACK
Mathematics
B.S., UC Santa Barbara; M.S., Ph.D., UC Riverside

CHRISTOPHER NOFFSINGER
Mathematics
B.A., M.S., University of Colorado; M.A., M.A., UC Santa Barbara

ERIKA NOFFSINGER
Mathematics
A.A., Marymount College; B.S., UC Santa Cruz; M.S., University of Colorado

Academic Faculty and Administrators

GEORGANNA O’KEEFE-SCHWERING
Counselor—DSPS
B.A., M.S., CSU Sacramento

ZACHERY O’NEILL
English
B.A., UC Santa Barbara; M.A., CSU Sacramento; M.F.A.,
University of South Carolina

KEVIN ORTON
Chemistry
B.A., CSU Sacramento; M.S., Ph.D., UC Riverside

DAVID PEREZ
Counselor
B.A., CSU Chico; M.S., University of LaVerne

JOSHUA PITTENGER
Biology
B.S., Ph.D., UC Davis

THEA BORDSEN POST
Kinesiology, Health, Athletics
B.A., UC Davis; M.S. California Polytechnic University

CARON QUALLS
Counseling

SIMONE RALLS
Psychiatric Technology
A.S., Sierra College; B.A., CSU Sacramento; B.S.N., Samuel
Merritt University

STEPHANIE REYNOLDS
Kinesiology, Health, Athletics
B.A., CSU Chico; M.A., Emporia State University

SUZANNE RUCKLE
Speech
B.A., M.A., CSU Chico

FATIMA RUIZ
Counselor
B.A., CSU Chico; M.S., CSU Sacramento

CRISTINA SANCHEZ
Director, EOPS/CARE/CalWORKs
A.S., Yuba College; B.A., M.A., Chapman University

NATHAN SCHEMEL
Mass Communications

LAURA SCHRETTNER
Radiologic Technology
B.S., Colorado Mesa University; M.E., Liberty University

MERIDITH SELDEN
Psychology
B.A., Pacific Lutheran University; M.S., Ph.D., Kansas State
University

MUKTA SHARMA
Mathematics
B.S., B.Ed., M.S., Guru Nanak Dev University

CLARK SMITH
Director, Allied Health/Nursing
B.A., CSU San Bernardino; B.S.N., CSU Los Angeles; M.N.,
UC Los Angeles

DONALD SMITH
Dean of Arts and Education

TRAVIS SMITH
History
B.A., San Jose State University; M.A., CSU Sacramento;
Ph.D., UC Santa Barbara

ROXANNE SNYDER
Nursing
A.D.N., Sacramento City College; B.S.N., M.S.N., CSU
Dominguez Hills; D.N.P., University of Massachusetts

HARINDER SOHAL
Nursing
M.S.N., University of Phoenix

DELMY SPENCER
Dean, Student Services
B.A., CSU Chico; M.S., CSU Sacramento; Ed.D., CSU
Sacramento

SHERRY SPINA
Accounting/Business
B.S., Sonoma State University; M.S., Golden Gate University

LINDA STAFFERO
Biology
B.A., CSU Sacramento; M.A., CSU Fresno

KARSTEN STEMMANN
Mathematics
B.A., University of Ulm; M.S., Ph.D., University of Southern
California

JOHN STEVERSON
Mathematics
B.A., M.A., CSU Sacramento

JEFFREY STOLLBERG
Biology
A.A., Diablo Valley College; B.A., M.A., M.S., CSU Chico

FAROUGH TABRIZI
Counselor
B.A., M.S., CSU Sacramento

RUTH TAMULONIS
Nursing
B.S.N., Truman State University; M.S.N., Georgia State
University

Academic Faculty and Administrators

MAHENDRA THAPA
Physics

JOHN THOO
Mathematics
A.S., Cabrillo College; A.B., UC Berkeley; M.A., Ph.D., UC
Davis

DANIEL TURNER
Welding
B.S., UC Davis; M.S., Drexel University

RONALD TURNER
Administration of Justice
A.S., Solano Community College; B.A., Golden Gate Univer-
sity; M.P.A., National University

CARLA TWEED
Executive Vice President
B.A., M.A., Chapman University; Ed.D., Brandman University

AYA UEDA
Music
B.M., M.M., University of the Pacific; M.M., Yale University;
D.M., Indiana University

PETE VILLARREAL
Dean, Applied Academics
B.A., CSU Chico; M.P.S., University of San Francisco; Ph.D.,
Columbia Pacific University

BRIAN VIZZUSI
Director, Public Safety
B.S., CSU Long Beach

MARIS WAGENER
Early Childhood Education
A.S., Cerro Coso College; M.A., Pacific Oaks College

CARRIE WASINGER
English
B.A., Pomona College; M.A., Ph.D., Northwestern

Index

Index

A

AB 540 Dream Act 33
AB 2248 Student Financial Aid:
 Cal Grant Program 34
Absence 49
Academic Faculty and Administrators 218
Academic Probation 50
Academic Regulations and Information 40
Academic Renewal 41
Academies 73
Accounting 101
Accreditation 11
Administrative Assistant 107
Admissions 24
Advanced Standing 41
Advantages of Yuba College 12
Aerospace Studies (Air Force ROTC) 14
Age Requirements 24
Agriculture and Plant Science 79
Algebra 165
Anatomy 190
Anthropology 81
Art 82
Articulation information 64
Asian American Studies 89
Associate Degree for Transfer 56
Associate in Science 53
Astronomy 89
Athletic Eligibility 41
Athletics 35
Attendance 42
Auditing Class 42
Authority of Instructors 42
Automotive Technology 91

B

Basic Skills 42
Basketball 89
Biology 97
Bookstore 14
Business 101
 Accounting 101
 Administrative Assistant 107
 General Business 103
 Office Administration 107
 Retail Management 106
 Small Business Management 106

C

CALIFORNIA COLLEGE PROMISE GRANT
 (CCPG) 30
CalWORKs (California Work Opportunity
 and Responsibility to Kids) 14
Campus Police Department 35
Catalog Rights 42
Certificate of Training 69

Chemistry 107
Child Development Center 15
Children in Class 35
C-ID Course Identification
 Numbering System 70
Clear Lake Campus 10
CLEP Exam Credit Acceptance Policy 43
CLEP Examination 43
Clubs and Organizations 36
Code of Conduct 36
College Promise Program. 32
College Success Center 15
Colusa County Outreach Services 10
Commercial Art 83
Communications 161
Community Education 16
Complaint, discrimination 13
Computer and Network Usage Policy 46
Computer Science 110
Conduct 36
Conduct and Discipline 36
Corequisites 49
Corrections 73, 74, 75, 79, 82, 83
Costs 30
Counseling 17, 114
Course “49” 115
Course “97” 115
Course Information 69
Courses
 Numbering 70
Credit 72
Credit For Military Experience 46
Criteria for Residency 25
Culinary Arts 115

D

Definition, student 52
Dining Facilities 17
Directory Information 46
Discipline 36
Discrimination Complaint 13
District Organization 8
Diversity Statement 12
Donations 23
Drafting 117
Dress Regulations 37
Drug Free School Policy 37
DSST Exams 43
Dusty’s Pantry 18

E

Ecology 125
Economics 126
Education 126
Educational Rights and Privacy Act 40
Electrical Systems - Automotive 92
Emergency Medical Technician 127
English 129
English as a Second Language 133

Enrollment
 Fees 27, 30
 Maximum Load 27
 Policy 70
Examinations 46
Exemption from Regulations 46
Expenses, educational 31
Extended Day and Outreach Programs 18

F

Family Educational Rights and Privacy Act
 (FERPA) 40
Fees 27, 30
Final Examinations 46
Financial Aid 32
Financial Obligations 46
Fire Fighter I Academy 136
Food Facilities 17
Football 89
Foundation, Yuba College 23
French 138

G

General Business 103
General Education-Breadth 57
Geography 141
Geology 142
Grade Point Average (GPA)-Computing 47
Grades 47
Grading 47
Graduation 47
Graduation Requirements 53

H

Health Clinic (Student) 19
Health Education 144
High School
 Concurrent Enrollment 24
History 145
Honors List 48
Hope Scholarship (Tax Relief) and Lifetime
 Learning Credit 34
Humanities 150
Human Services 147

I

Incomplete Grades 48
International Student Admission 25
Internship 151
Intersegmental General Education Transfer Cur-
 riculum 60

K

Kinesiology 152

L

Law Enforcement 73, 74, 75, 79, 82, 83
Learning Assistance 157
Learning Resources Center 19
Leave of Absence 49
Life Science 97

M

Management programs 103
Manufacturing Technology 159
Mass Communications 161
Mathematics 163, 164
 Competency 53
Math Tutoring Program: 16
Maximum Unit Load 27
Mechanic 91
Medical Care, Student 20
Metalworking 212
Midterm Examinations 46
Military Experience Credit 46
Military Withdrawal 48
Mission and Goals 12
Mission, YCCD 12
Multiple and Overlapping Enrollment 49
Music 168

N

Natural Science 97
Network Usage Policy 46
Nickname and Colors 36
Nondiscrimination Statement 13
Nonresident Tuition 25, 31
Notification of Absence 49
Numbering Courses 70
Nursing 181
Nutrition 122

O

Occupational Work Experience 112
Office Administration 107
Organizations and Clubs 36

P

Painting 84
Parking Fee 31
Part-time Student 52
Pass/No Pass Grading 49
Permanent Records 51, 52
Philosophy 186–187
Photographic Imaging 83
Physical Science 187
Physics 188
Piano 172
Placement/Testing 28
Police Department 35
Political Science 189
Pre-Collegiate Course Limitation 42
Prerequisites 50, 70
Probation 50
Programs and Services 14, 24
Progress Probation 50
Psychiatric Technology 190

V

Veterans Resource Center (VRC) 22
Veterans Services 22
Veterinary Technology 206
Volleyball 154

W

Welding Technologies 212
Woodland Community College 10
Workforce Innovation & Opportunity Act (WIOA) 22
Writing and Language Development Center
 (WLDC) 23

Y

Yuba College 10
Yuba College Degrees
 and Certificates 65
Yuba College Foundation 23
Yuba College Guiding Principals 12
Yuba College Mission Statement 12
Yuba Community College District 10

Psychology 192
Public Law 101-542 & 102-26 50
Public Speaking 201
PUENTE 19

R

Radiologic Technology 194
Registration
 Priority 24
 Procedures 27
 Student Responsibility 27
Regulations and Information 40
Removal from Probation 51
Requisites 70
Residency Requirements 24
Right To Know 50

S

Safe Zone 37
Schedule of Classes 29
Security, Campus 35
Selective Service Registration 20
Sign Language 197
Smoking Policy 37
Social Science 198
Sociology 199
Sophomore Student 52
Spanish 200
Speech 201
Statistics 202
Student Classification 51
Student Definitions 52
Student
 Fees and Expenses 30
 Student Learning Outcomes 13
Student Responsibility Regarding Registra-
 tion 27
Student Rights and Grievances 38
Student Right To Know 50
STUDENT SUCCESS ACT OF 2012 30
Student Success and Support
 Program 26
Sutter County Center 10

T

Table of Contents 3
Television 161
Transcripts 51, 52
Transfer
 Course Numbering 71
 Preparation 55
 Status Designation 72
Transfer Center 20, 26
Tuition 26
Tune-up and Drivability 92
Tutoring 15

U

Umoja 21
Unit Load, Maximum 27
Units of Credit 72

Yuba College CAMPUS MAP

