



# 2022-2023 CATALOG

WOODLAND CAMPUS



LAKE COUNTY CAMPUS



COLUSA COUNTY CAMPUS



***Your College, Your Future  
Tu Colegio, Tu Futuro***

***A Federally Designated Hispanic Serving Institution***







***Three campuses. One college.***



**WOODLAND COMMUNITY COLLEGE**

2300 East Gibson Road  
Woodland, CA 95776

(530) 661-5700  
(530) 661-5786 TTY

[wcc.yccd.edu/woodland](http://wcc.yccd.edu/woodland)



**LAKE COUNTY CAMPUS**

15880 Dam Road Extension  
Clearlake, CA 95422

(707) 995-7900

[wcc.yccd.edu/lake](http://wcc.yccd.edu/lake)



**COLUSA COUNTY CAMPUS**

99 Ella Street  
Williams, CA 95987

(530) 668-2500

[wcc.yccd.edu/colusa](http://wcc.yccd.edu/colusa)



**YUBA COMMUNITY COLLEGE DISTRICT**

425 Plumas Blvd., Suite 200, Yuba City, CA 95991 — [yccd.edu](http://yccd.edu)







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## How to use this catalog

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This catalog is published for informational purposes and students should use the catalog to help them be successful college students. 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 assumes 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 District. The District reserves the right to change any provision or requirement at any time. The District 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.

# ***PRESIDENT'S WELCOME***

On behalf of our students, faculty, professional staff, and college leadership, I want to welcome you to Woodland Community College. Whether you are attending the Woodland, Colusa County, or Lake County Campus, we are delighted you have chosen our college to further your education. You are truly the reason we are all here and you will find that our professional support staff and faculty are committed to ensuring that you have a rewarding experience at our college.



Our goals remain the same: to offer high quality student services and academic programs that will make it easier to complete your educational and career goals. For that purpose, we strive to offer high-quality student support services that will provide a seamless matriculation process and access to life-long learning opportunities that will serve as the foundation for career exploration and academic options.

Woodland Community College offers many transfer degrees and certificate programs. Whether your educational goal is to earn an associate degree and transfer to a four-year institution or to earn a specialized certificate, Woodland Community College has a program with your needs in mind.

In addition to our academic programs and services, our college offers a variety of student activities and student organizations that offer an opportunity to expand your experience outside of the classroom. I invite you to [visit our website](#) or our Student Services building to learn more about our campus life and opportunities to get engaged.

Again, it's a pleasure and honor to welcome you to WCC. Stay safe and healthy

Sincerely,

**Art Pimentel, Ed.D.**

*President, Woodland Community College*

# 2022–2023 DISTRICT CALENDAR

## Summer 2022

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*\*Dates with an asterisk apply to six-week classes; other classes will vary.*

<b>June 13</b>	<b>Summer Session 2022 commences for regular six-week summer classes</b>
June 15	Last day to add a class/register for classes
June 20	*Refund deadline for six-week classes
June 20	*Last day to drop class(es) to prevent “W” grade(s) on permanent record for sixweek classes
June 20	*Census date for six-week classes
July 4	Academic and administrative holiday – <b>Independence Day</b> (Monday)
July 5	Deadline to apply for summer 2022 graduation
July 7	*Last day to drop a class with a “W” for six-week classes
<b>July 21</b>	<b>Regular six-week classes end</b>
<b>August 4</b>	<b>Eight-week classes end</b>

## Fall 2022

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*\*\*Dates with a double asterisk apply to full-semester classes; short-term class dates will vary.*

August 10	CONVOCATION – CAMPUS CLOSED
August 11–12	Professional Development Days (optional flex activities) – NO CLASSES
<b>August 15</b>	<b>INSTRUCTION BEGINS FOR FALL SEMESTER</b>
August 19	** Last day to add courses or register without special permission
August 26	** Last day to be eligible for refund of enrollment, parking, student health fee, and non-resident tuition
September 2	Cal Grant deadline
September 2	Instructors are to drop No Shows for Census Roster Clearance
September 2	** Last day to drop class(es) to prevent “W” grade(s) on permanent record
September 5	Academic and administrative holiday – <b>Labor Day</b> (Monday)
September 6	Census date for full-term classes (Tuesday)
September 16	<b>Constitution Day</b> (observance) – activities to be announced
September 16	** Last day to elect Pass/No Pass grading option
September 28	Professional Development Day (optional flex activities) – NO CLASSES
October 25	Professional Development Day (optional flex activities) – NO CLASSES
November 10	** Last day to drop class(es) with a “W” grade on permanent record (Thursday)
November 11	Academic and administrative holiday – <b>Veterans Day</b> observed (Friday)
November 14	Priority registration begins for spring 2023
November 15	Deadline to apply for fall 2022 graduation
November 15	Closing date for International Student Applications for spring 2023
November 24–25	Academic and administrative holiday – <b>Thanksgiving</b> (Thursday – Friday)
December 5–16	Limited extracurricular student activities
<b>December 12–16</b>	<b>Final examination period</b>
<b>December 16</b>	<b>Conclusion of fall semester</b>
December 21	Grades from instructors are due for fall 2022 semester
Dec 23–Jan 2	<b>Winter recess</b> – all offices CLOSED



## Spring 2023

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***\*\*Dates with a double asterisk apply to full-semester classes; short-term class dates will vary.***

January 16	Academic and administrative holiday–Martin Luther King Day observance (Monday)
January 17-20	Professional Development Days (optional flex activities) – NO CLASSES
<b>January 23</b>	<b>INSTRUCTION BEGINS FOR SPRING SEMESTER</b>
January 27	**Last day to add courses or register without special permission
February 3	**Last day to be eligible for refund of enrollment, parking, student health fee, and non-resident tuition
February 3	Instructors are to drop No Shows for Census Roster Clearance
February 3	**Last day to drop class(es) without a “W” grade on permanent record
February 6	Census date for full-term classes
February 17	Academic and administrative holiday – Lincoln’s Birthday observance (Friday)
February 20	Academic and administrative holiday– Washington’s Birthday observance (Monday)
February 24	**Last day to elect Pass/No Pass grading option
March 2	Cal Grant deadline – Free Application for <a href="#">Federal Student Aid (FAFSA)</a> completed and submitted to the federal government to determine Cal Grant eligibility and federal aid priority funding
March 27-31	Spring recess; academic holidays (Monday-Friday)
March 29-31	Administrative holiday (Wednesday-Friday)
April 15	Deadline to apply for spring 2023 graduation
April 28	**Last day to drop class(es) with a “W” grade on permanent record
May 1	Priority registration begins for summer and fall 2023
May 15-26	Limited extracurricular student activities
May 19	Si Se Puede Graduation celebration for Latinx students
<b>May 22-26</b>	<b>Final examination period</b>
May 26	Commencement ceremonies
<b>May 26</b>	<b>Conclusion of spring semester</b>
May 29	Academic and administrative holiday – Memorial Day observance (Monday)
June 1	Grades from instructors are due for spring 2023 semester
June 15	Closing date for International Student Applications for fall 2023

## Summer 2023

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***\*\*Dates with a double asterisk apply to full-semester classes; short-term class dates will vary.***

<b>June 12</b>	<b>Summer Session 2023 commences</b> (regular 6-week summer classes will end on July 20; other classes have different dates)
July 3	Deadline to apply for summer 2023 graduation
July 4	Academic and administrative holiday – Independence Day observed (Tuesday)

# DISTRICT ORGANIZATION

## Yuba Community College District

The Yuba Community College District was founded in 1927 as a single-college district on a 160-acre site outside of Marysville. In December 1965, the District was reorganized to include Colusa, Sutter, and Yuba counties. Later, in 1974–75, the District was expanded to include 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 Coastal Range, and covers 4,192 square miles. The Yuba Community College District transitioned to a multi-college district in 2008 upon accreditation of Woodland Community College as the 110th community college in the California Community College System. The District comprises Woodland Community College with campuses in Woodland, Clearlake and Williams, and Yuba College with campuses in Marysville and Yuba City.

## Governing Board

Trustee Area 1, Browns Valley .....	Richard Teagarden (Clerk)
Trustee Area 2, Plumas Lake .....	Dennise Burbank (President)
Trustee Area 3, Browns Valley .....	David Wheeler
Trustee Area 4, Yuba City .....	Juan Delgado (Vice President)
Trustee Area 5, Woodland .....	Jesse Ortiz
Trustee Area 6, Woodland/Colusa .....	Susan Alves
Trustee Area 7, Clearlake .....	Doug Harris
Student Trustee, Woodland Community College .....	Vacant
Student Trustee, Yuba College .....	Maria Ornelas

## District Offices

Interim Chancellor .....	Dr. James Houpis
Vice Chancellor, Educational Planning & Services .....	Dr. Sonja Lolland
Vice Chancellor, Administrative Services .....	Kuldeep Kaur
Associate Vice Chancellor of Human Resources .....	Jake Hurley
District Registrar .....	Sonya Horn

## Woodland Community College Leadership

President .....	Dr. Art Pimentel
Vice President, Instruction .....	Kasey Gardner
Vice President, Student Services .....	Dr. Lisceth Brazil-Cruz
Dean of Career & Technical Education/Workforce Development .....	Dr. Sandra Fowler
Dean of Arts & Sciences .....	Dr. Shannon Reed
Dean of the Lake County Campus .....	Dr. Cirilo Cortez
Interim Dean of Student Success and Institutional Effectiveness .....	Irma Rodriguez

# COLLEGE ORGANIZATION



## President

President.....Dr. Art Pimentel

## Instruction

Vice President, Instruction.....Kasey Gardner



## Arts & Sciences

**Dr. Shannon Reed**  
Dean of Arts & Sciences



### Fine Arts/Language Arts/ Humanities

Art, English, English for Speakers of Other Languages (ESOL), Foreign Languages, Humanities, Music, Philosophy, Sign Language, Speech/Communication Studies, Theatre Arts

### Mathematics and Science

Mathematics, Nutrition, Life Sciences, Physical Sciences, Statistics

### Social Sciences

Anthropology, Ethnic Studies, History, Political Science, Psychology, Sociology

## Career Education

**Dr. Sandra Fowler**  
Dean of Career & Technical Education/  
Workforce Development



### Career Education

Accounting, Agriculture, Administration of Justice, Business, Culinary Arts, Early Childhood Education, Economics, Emergency Medical Technician, Environmental Technology, Health, Human Services, Physical Education, Welding

### Dual Enrollment

### Learning Resources

Library, Makerspace

### Colusa County Campus

## Student Services

**Dr. Lisceth Brazil-Cruz**  
Vice President, Student Services



Admissions & Records, CalWORKs, CARE, Career Center, Cooperative Work Experience, Counseling, Department of Supportive Programs & Services (DSPS), Dream Center, Extended Opportunity Programs and Services (EOPS), Financial Aid, Foster & Kinship Care, Matriculation, MESA, Multicultural Center, Outreach Services, Pantry, Placement, Retention, Student Life, Student Government (ASWCC), Student Health Services, Transfer Services, TRiO Programs, Student Support Services, Student Support Services-ESOL, Veterans Services

## Student Success

**Irma Rodriguez**  
Interim Dean of Student Success &  
Institutional Effectiveness



## Lake County Campus

**Dr. Cirilo Cortez**  
Dean of Lake County Campus  
  
Director of Special Programs,  
Lake County Campus ..... Patricia Barba





# CAMPUS INFORMATION

## Woodland Community College

Woodland Community College (WCC) was first established in leased facilities as an outreach center of Yuba College in 1975. The demand for college programs and services in Yolo County grew rapidly, and by 1977, plans for a permanent location emerged. In 1981, the outreach site was officially designated as an Educational Center by the California Postsecondary Commission, and in 1985, the Yuba Community College Board of Trustees secured a 120-acre site. Groundbreaking on the permanent facilities began in 1987 and the Center opened at the present-day site in 1990. The college has continued to develop and expand with the addition of a Science building in 2005 and a 72,000 Sq. Ft. Learning Resources Center in 2007. Local voters made further growth possible by their support of the Measure J Bond initiative in 2006 that provided funding for building renovations and infrastructure upgrades as well as

establishing an outreach facility in Colusa County. Woodland Community College was accredited as the second college within the Yuba Community College District in 2008.

WCC offers General Education coursework, Associate Degrees for Transfer, Career Education (CE) Associate Degrees and Certificates of Achievement, skill-building courses, and other life-long learning opportunities. Our faculty, staff, and administration are committed to supporting student success through quality instruction and a wide range of support services.



## 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 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 coursework, the Campus offers career technical education programs in Accounting, Business

Administration, Chemical Dependency Counseling, Culinary Arts, Early Childhood Education, Drinking Water/Waste Water and Welding are also offered. The Campus also provides a wide range of student services, Basic Needs Center, developmental courses, MESA program, and a Child Development Center. For many years, the Lake County Campus has been an outreach center of Yuba College. As of July 1, 2016, the campus has re-aligned with Woodland and is now known as the Lake County Campus of Woodland Community College.



## Colusa County Campus

The Colusa County Campus of Woodland Community College, located at 99 Ella Street in Williams, opened in January 2011. Course offerings include a variety of general education transfer courses, English for Speakers of Other Languages (ESOL), and Career Education (CE) programs of study. Student services are also available at the campus, including the college's TRiO programs.



# COLLEGE GOALS & PHILOSOPHY

## WCC Mission

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The mission of Woodland Community College is to provide quality degrees, career certificates, transfer programs, and life-long skills.

## Advantages of WCC

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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 risk that a student may become confused and lost in the hurry and bustle of college life and emphasizes the importance of the individual. Furthermore, WCC bridges the gap between high school and university, facilitating the adjustment to postsecondary education.

The years of college education offered by WCC are an important budgetary consideration, especially since there is an increasing tendency for professional preparation to require more than four years of college study. WCC enables students and their families to conserve their resources for a longer period of study required for professional training.

WCC provides students with such services and activities as individualized counseling, social and cultural activities, and physical recreation to meet the needs and patterns of all students. Whether the goal is career training to enter the job market, developing new skills to use an existing profession, or planning for transfer—Woodland Community College is an excellent choice.

The Board of Trustees is committed to equity, values the diversity of the District's students, faculty, staff, and people with whom it does business, and believes in the importance of a multicultural education to prepare students for a global society.

The Board, in its commitment to diversity, has adopted the following: Definition of Diversity, Diversity Statement, Principles of Community, and Diversity Framework for Institutional Transformation and Cultural Competency.



## Diversity Statement

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The Yuba Community College District service area has a richly diverse population, spanning eight counties (Yuba, Sutter, Colusa, Lake, Yolo, and portions of Butte, Glenn and Placer) and nearly 4,200 square miles of territory in rural Northern California. The District recognizes, embraces, and celebrates the wide array of personal experiences and values that arise from differences of culture and circumstances within its vast educational borders.

The District has a compelling interest in fostering the multicultural knowledge, awareness, and skills necessary for its student body and workforce to contribute to its vision. The awareness that the District's campuses are accessible to students from all groups, and thus serve all parts of the community equitably, helps sustain the academic and social fabric of the District.

Diversity is an integral part of Woodland Community College's academic mission as it enriches the educational experiences and scholarly environment for all students. An interactive classroom that enhances diversity of thought and critical thinking across the curriculum will effectively prepare students for the complex and pluralistic world. WCC strives to foster an open exchange of ideas in an environment that provides role models and exemplifies the values of integrity, civility, mutual respect, and social justice in all of its activities.

The Yuba Community College District is committed to providing fair and equitable opportunities to students, employees, and the community through its recruitment, admission, and retention.

## Principles of Community

The Yuba Community College District is committed to promoting and ensuring an environment that values and supports every person in an atmosphere of civility, honesty, cooperation, professionalism, and fairness. Diversity is essential to the creativity and innovation that we seek on our campuses, throughout the District, and in the communities.

**The Yuba Community College District expects that every campus member will practice these Principles of Community:**

- ✓ We value intellectual and cultural diversity, open communication, collegiality, collaboration, mutual respect, personal integrity, and responsible citizenship.
- ✓ We affirm the dignity of all individuals and strive to uphold a just community in which actions of discrimination and hate are not tolerated.
- ✓ We affirm the right of freedom of expression within our community and also affirm our commitment to the highest standards of civility and decency towards all.
- ✓ We acknowledge that our society carries historical and divisive biases; therefore, we will endeavor to foster mutual understanding and appreciation among individuals and groups. We promote awareness through education and constructive strategies for resolving conflicts.
- ✓ We confront and reject all manifestations of discrimination, including those based on ethnicity, gender, age, disability, sexual orientation, religious or political beliefs, status within or outside of the District, or any of the other differences among people which have been excuses for misunderstanding, dissension, or hatred.
- ✓ We recognize and cherish the richness contributed to our lives by our diversity. We take pride in our various achievements and we celebrate our differences.

## Colors and Mascot

The official college colors are green, silver and black. The WCC mascot is the Eagle.



## Woodland Community College Institutional Student Learning Outcomes (iSLO's)

**Because individual WCC courses contribute to one or more areas of the eight institutional goals, students completing an associate degree at WCC will be able to achieve the following:**

INSTITUTIONAL GOAL	STUDENT LEARNING OUTCOME
<b>Communication</b>	Effectively use language and non-verbal communication consistent with and appropriate for the audience and purpose.
<b>Computation</b>	Use appropriate mathematical concepts and methods to understand, analyze, and communicate issues in quantitative terms.
<b>Critical Thinking</b>	Analyze data and information in addressing and evaluating problems and issues in making decisions.
<b>Global Awareness</b>	Articulate similarities and differences among cultures, times, and environments, demonstrating an understanding of cultural pluralism and knowledge of global issues.
<b>Information Competency</b>	Conduct, present, and use research necessary to achieve educational, professional, and personal objectives.
<b>Personal and Social Responsibility</b>	Interact with others by demonstrating respect for opinions, feelings, and values.
<b>Technological Awareness</b>	Select and use appropriate technological tools for personal, academic, and career tasks.
<b>Scientific Awareness</b>	Understand the purpose of scientific inquiry and the implications and applications of basic scientific principles.



## Accreditation

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Woodland Community College is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges, 331 J Street, Suite 200 | Sacramento, CA 95814, (415) 506-0234 — [accjc@accjc.org](mailto:accjc@accjc.org). The Accrediting Commission is an institutional accrediting body recognized by the Council for Higher Education Accreditation and the U.S. Department of Education Association of Junior Colleges.

## Academic Freedom

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*Reference: Title 5, Section 51023; Accreditation Standard IIA.7*

Academic employees must be free to teach and the students free to learn. Both students and faculty must have access to a 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 judgments, 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.

## Accessibility

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The College recognizes its obligation to provide overall program accessibility throughout the College for handicapped persons. Contact the Section 504 Coordinator to obtain information as to the existence and location of services, activities, and facilities that are accessible to and usable by handicapped persons. Inquiries regarding Federal laws and regulations about nondiscrimination in education or the District's compliance with those provisions may also be directed to the Office for Civil Rights, San Francisco Office, U.S. Department of Education, 50 United Nations Plaza, Room 239, San Francisco, CA 94102-4102.

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.

## Nondiscrimination Statement

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The Yuba Community College District 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, including vocational education.

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 in accordance with guidelines set forth by the Equal Employment Opportunity Commission (EEOC) and the Office of Civil Rights (OCR), the below individual is named as the District's Section 504 Coordinator:

Chief Human Resources Officer  
(530) 741-6876

In addition, the YCCD Board adopted BP/AP 5141-Academic Accommodations. Both documents are posted to the Yuba Community College District website:

Policies and Procedures:  
[www.yccd.edu/board/policies](http://www.yccd.edu/board/policies)

Diversity and Equity:  
[www.yccd.edu/diversity](http://www.yccd.edu/diversity)

# COLLEGE PROGRAMS & SERVICES

## Admissions and Records

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**WOODLAND CAMPUS:** (530) 661-5720, Building 700, Lobby

**COLUSA COUNTY CAMPUS:** (530) 668-2500

**LAKE COUNTY CAMPUS:** (707) 995-7926, Room 122

[WCC.YCCD.EDU/ADMISSIONS](http://WCC.YCCD.EDU/ADMISSIONS)

Students can obtain information regarding admission, enrollment, classes, grade information, parking, petitions, payment of fees, graduation and various other processes are available.

### Student Learning Outcomes

- ✓ Students will demonstrate an increased understanding of various registration processes.
- ✓ Students will be able to utilize registration tools available to them through the web component.

## A.S.W.C.C. Student Government

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**WOODLAND CAMPUS:** (530) 661-5785, Building 700, Room 719

[WCC.YCCD.EDU/ASWCC](http://WCC.YCCD.EDU/ASWCC)

The Associated Students of Woodland Community College (A.S.W.C.C.) controls student affairs, under the guidance of the Vice President of Student Services. The Student Council is the governing body of the ASWCC and provides services and social activities for students. They also represent students' views to the administration and Board of Trustees through participation on college committees.

## Bookstore

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**WOODLAND CAMPUS:** (530) 661-5790, Building 200

**TOLL-FREE:** (800) 434-1443

[WCC.YCCD.EDU/BOOKSTORE](http://WCC.YCCD.EDU/BOOKSTORE)

In addition to making available for purchase the required books for each class, the bookstore also has classroom and course supplies, such as binders, pens, paper, snacks, drinks, etc. They also have a book rental program for students. Students from all campuses can order books online at [wcc.yccd.edu/bookstore](http://wcc.yccd.edu/bookstore).

## CalWORKs (*California Works Opportunity and Responsibility to Kids*)

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**WOODLAND CAMPUS:** (530) 668-3681, Building 700, Room 711

**COLUSA COUNTY CAMPUS:** (530) 668-2500

**LAKE COUNTY CAMPUS:** (707) 995-4176, Room 602

[WCC.YCCD.EDU/CALWORKS](http://WCC.YCCD.EDU/CALWORKS)

The WCC CalWORKs program provides services to students receiving monetary assistance through Temporary Assistance to Needy Families (TANF). The CalWORKs Program offers services for eligible students in the following areas: Counseling, Job Placement, CalWORKs Work-Study and Childcare. Contact the CalWORKs office for further information.

### Student Learning Outcomes

- ✓ The CalWORKs student will develop a Student Educational Plan (SEP) with the CalWORKs Counselor that is consistent with their welfare-to-work activity contract.
- ✓ The CalWORKs students will be familiar with how to access on/off campus resources to help them become successful students.

## Career and Transfer Center

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**WOODLAND CAMPUS:** (530) 661-5777, Building 700, Room 744

**LAKE COUNTY CAMPUS:** (707) 995-7322, Room 129

[WCC.YCCD.EDU/CAREER-CENTER](http://WCC.YCCD.EDU/CAREER-CENTER)

[WCC.YCCD.EDU/TRANSFER-CENTER](http://WCC.YCCD.EDU/TRANSFER-CENTER)

The Career/Transfer Center provides exploration and job search services utilizing industry career assessments, a library of occupation specific references and resources, career and job search workshops, community job talks/fairs and one-on-one career counseling by appointment.

Transfer services include transfer counseling, university representative visits, a library of college catalogs, and workshops about the transfer process.

### Student Learning Outcomes

- ✓ Students will be able to identify their individual personality, interest and skills as it relates to selecting a career or major.
- ✓ As a result of discussing transfer with a counselor, a student will be able to identify online resources that they can utilize to facilitate their transfer process.
- ✓ Students will be able to identify courses needed for transfer through the development of an educational plan with a counselor.

## Child Development Center

**WOODLAND CAMPUS:** (530) 661-5773, Building 1000

**LAKE COUNTY CAMPUS:** (707) 995-7909, Room 801

[WCC.YCCD.EDU/CDC](http://WCC.YCCD.EDU/CDC)

The Child Development Center is open for the convenience of the students. Children must be three years through kindergarten age and must be toilet trained. Priority is given to children of parents carrying 12 or more units. Children must be signed up for at least a half-day session. Fees for the Child Development Center vary based on the session for which each child is registered. The Center offers a pre-school program of planned learning experiences following a regular daily schedule. Facilities are available for outdoor/indoor play, learning activities, and naps.

## Cooperative Agencies Resources For Education (CARE)

**WOODLAND CAMPUS:** (530) 661-5728, Building 700, Room 735

**LAKE COUNTY CAMPUS:** (707) 995-7912, Room 124

[WCC.YCCD.EDU/CARE](http://WCC.YCCD.EDU/CARE)

The Cooperative Agencies Resources for Education (CARE) is a state-funded program which was developed to provide education opportunities for persons receiving TANF benefits. CARE is designed to provide support for students' retention and academic success, as well as assist eligible students in their academic and/or vocational objectives. The program provides counseling, financial assistance, book grants, supplies, transportation, tutoring, and peer

counseling. For further qualifications and information, contact the program directly.

### Student Learning Outcomes

- ✓ At the end of one year in the CARE program, students will be able to identify and understand the various educational options available to students to help them successfully complete the requirements needed for their academic goals.
- ✓ With the CARE counselor, the student will develop a six-semester Student Educational Plan (SEP) that will identify and outline the coursework needed to be consistent with their academic goal.
- ✓ As a result of participating in the CARE orientation, the student will be able to identify and understand the requirements needed to be in compliance with the CARE program.

## Cooperative Work Experience Education

**WOODLAND CAMPUS:** (530) 668-3696, Building 700, Room 745

**LAKE COUNTY CAMPUS:** (707) 995-7910

[WCC.YCCD.EDU/CWEE](http://WCC.YCCD.EDU/CWEE)

Cooperative Work Experience Education (CWEE) is a class designed to recognize learning that occurs on the job. In order to qualify, a student must: (1) be concurrently enrolled in a minimum of seven units which can include units earned in CWEE (enrollment in one other class during summer session); and (2) develop specific learning objectives approved by the employer and the college. A complete description of Cooperative Work Experience Education is found in the "Programs and Courses" section of this catalog.





## Counseling Center

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**WOODLAND CAMPUS:** (530) 661-5703, Building 700, Room 746

**COLUSA COUNTY CAMPUS:** (530) 668-2500

**LAKE COUNTY CAMPUS:** (707) 995-7900, Room 127

[WCC.YCCD.EDU/COUNSELING](http://WCC.YCCD.EDU/COUNSELING)

Counseling Services (free of charge) are designed to assist students in educational planning, career assessment, and personal growth and development. Counselors are available by appointment Monday-Friday with limited walk-in hours. Appointments are strongly recommended for developing an educational plan to ensure that students are taking the right courses to transfer or to meet specific educational goals. Counselors are ready to assist with any concerns that may affect a student's successful participation in the college experience.

### Student Learning Outcomes

- ✓ Students will be able to identify available educational resources.
- ✓ Students will be able to identify their educational goal.
- ✓ Students will be able formulate a plan of courses in which to enroll.

## Department of Supportive Programs & Services (DSPS)

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**WOODLAND CAMPUS:** (530) 661-5797, Building 700, Room 764

**LAKE COUNTY CAMPUS:** (707) 995-7910, Room 141

[WCC.YCCD.EDU/DSPS](http://WCC.YCCD.EDU/DSPS)

Department of Supportive Program and Services (DSPS) offer eligible students access to a variety of individualized special support services. These services are intended to assist college students with disabilities in successfully participating at the postsecondary level. For additional information, please contact DSPS.

In accordance with guidelines set forth by the Equal Employment Opportunity Commission (EEOC) and the Office of Civil Rights (OCR), the below individual is named as the District's Section 504 Coordinator:

Chief Human Resources Officer  
(530) 741-6876

In addition, the YCCD Board adopted  
BP/AP 5141-Academic Accommodations.  
Both documents are posted online:

Policies and Procedures:  
[www.yccd.edu/board/policies](http://www.yccd.edu/board/policies)

Diversity and Equity:  
[www.yccd.edu/diversity](http://www.yccd.edu/diversity)

### Student Learning Outcomes

- ✓ Students will communicate their needs to help facilitate equal access at the postsecondary level.
- ✓ Students will be aware of information to help facilitate success at the postsecondary level.
- ✓ Evaluate information, draw reasonable conclusions, and apply these conclusions to personal, community and academic environments as needed.

## Extended Opportunity Programs and Services (EOPS)

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**WOODLAND CAMPUS:** (530) 661-5728, Building 700, Room 735

**LAKE COUNTY CAMPUS:** (707) 995-7912, Room 124

[WCC.YCCD.EDU/EOPS](http://WCC.YCCD.EDU/EOPS)

EOPS supports students in their journey to successfully completing academic goals by providing above and beyond services. EOPS encourage access, retention, and transfer outcomes of students who are facing language, social, economic, and educational disadvantages through supportive services to support their academic and career goals. EOPS offers above and beyond services including academic and career counseling, financial grants, textbook assistance, progress reports, tutoring services, access to school supplies, printing, and peer mentoring. In order to empower our students and lead them to academic success, EOPS provides an atmosphere of positive encouragement, timely information, and financial assistance.

### Student Learning Outcomes

- ✓ At the end of one year in the EOPS program, students will be able to identify and understand the various educational options offered at WCC available to them to successfully complete the requirements needed for their academic goal.
- ✓ The student will work with an EOPS counselor to develop a six-semester Student Educational Plan (SEP) that will identify and outline the coursework needed to be consistent with their academic goal.
- ✓ As a result of participating in the EOPS orientation, the student will be able to identify and understand the requirements needed to be in compliance with the EOPS Program.

## Financial Aid

**WOODLAND CAMPUS:** (530) 661-5725, Building 700, Lobby

**LAKE COUNTY CAMPUS:** (707) 995-7923, Room 117

[WCC.YCCD.EDU/FINANCIALAID](http://WCC.YCCD.EDU/FINANCIALAID)

Woodland Community College has a financial aid program that includes grants, scholarships, work study, student loans, and other aid designed to help students who need financial assistance to further their educational goals. To provide assistance in bridging the gap between a student's own resources and the cost of attending college, students can get assistance from Financial Aid staff with completing a student aid application.

Federally subsidized PELL grants are available to students by applying for the Free Application for Federal Student Aid (FAFSA) which is available online at [studentaid.gov](http://studentaid.gov). Students not eligible to complete the FAFSA may apply for state aid by using the California Dream Act Application (CADAA), which is available online at [dream.csac.ca.gov](http://dream.csac.ca.gov).

After completing the FAFSA or CADAA online, students will receive an email confirming submission and receipt of the application. Once the college receives a student's application, the school will notify students of any further documentation that may be required. Financial Aid staff are available to help students through the rest of the awarding process.

The FAFSA or CADAA should be completed as soon as possible. Applications for the academic year 2022-2023 are available as of October 1, 2021.

### Student Learning Outcomes

- ✓ Students will be able to know and adhere to deadlines and priority dates, properly and accurately complete all necessary forms for financial aid using technology, i.e. apply through the web.
- ✓ Students will understand government philosophy of financial aid and learn the application process by submitting a complete and accurate package of requested information and/or documentation in a timely manner.



## Foster & Kinship Care Education (FKCE)

**WOODLAND CAMPUS:** (530) 661-5772 or (530) 574-1964, Building 100, Room 109

The WCC Foster & Kinship Care Education (FKCE) program provides services to foster and kinship parents (relative caregivers), prospective foster parents, and families that have adopted children from the foster care system. The FKCE also connects caring professionals with children placed into out-of-home care and their families. Specialized educational classes and workshops are open to the general public and college credit is offered under Early Childhood Education (ECE). For more information, contact Cherie Schroeder, M.S., Instructional Specialist/Program Director.

## Library/Media Services/Makerspace

### WOODLAND CAMPUS:

Library – (530) 661-5740, Building 800

Media Services – (530) 661-5723

### LAKE COUNTY CAMPUS:

Library – (707) 995-7915, Room 156

[WCC.YCCD.EDU/LIBRARY](http://WCC.YCCD.EDU/LIBRARY)

The library offers a collection of books, periodicals, newspapers, DVDs, and electronic resources of various formats, such as scholarly peer reviewed journals, accessible in the library or online through the library's website & portal pages. Books include topics for college-level research in addition to personal development, a small collection of children's books, young adult literature, and adult easy readers (great for ESOL students or others wanting to improve their reading skills).

The library's collections can be searched through the library's catalog from the website. The website can also be used to access various subscription databases and the electronic book collection. Students can obtain assistance with research and library resources at the Library Reference Office. A library card may be obtained at the library circulation desk for free.

The library also provides resources for students to create and learn in the Library Makerspace. Equipment such as 3D printers, sewing machines, and hydroponics may be used to complete coursework or personal development. See the [library's web page](#) for additional equipment, availability, and details.

The library provides instruction through research workshops and sessions in the college maker space as part of the *Academic Success Workshop Series*. A current schedule of the workshops can be found on the library's website. The library also provides instruction through course integrated library sessions and one-to-one research assistance with students at the Reference Office.

Library facilities include quiet study areas, comfortable chairs and group study rooms. An Open Media Lab (OML) is available for computing and the library has multimedia stations for viewing DVDs, VHS, and other multimedia resources. The library's primary responsibility is to serve the needs of students enrolled at Woodland Community College, Lake County Campus, and Colusa County Campus. Members of the public are also welcome to use the facilities any time the library is open. The library is open weekdays, evenings, and Saturdays.

### Student Learning Outcomes

- ✓ To make a positive contribution to student learning through improving information competency.

✓

## Student Health Services

**WOODLAND CAMPUS:** (530) 358-2701, Building 700, Room 770

[WCC.YCCD.EDU/HEALTH-CENTER](http://WCC.YCCD.EDU/HEALTH-CENTER)

Woodland Community College and CommuniCare Health Centers provide services for currently enrolled Woodland Community College students through the Student Services fee and the County of Yolo. Services are provided by appointment; however, walk-in appointments are welcome. Services are confidential and include behavioral health, physical exams, blood pressure checks, testing for anemia and diabetes.

Student health services include the diagnosis and treatment of minor illnesses, such as:

- Ear pain
- Sore throat
- Coughs/colds
- Sinus problems
- Headaches
- Rashes
- Urinary tract infections
- Pap smear testing, Birth Control methods
- Pregnancy testing and counseling services
- STD Counseling, testing, treatment, and referral

A Behavioral Health Specialist is also available to serve students who may be having a difficult time juggling the demands of college and challenges that arise in their personal lives.

### The college offers short-term assistance in the following areas:

- Stress management
- Depression
- Anxiety
- Personal/social problems
- Family problems
- Eating disorders
- Concerns with domestic violence or abuse
- Sexual harassment or rape
- Post-traumatic stress disorder
- Substance abuse counseling and referral

Contact Student Health Services for further information.

## Student Outreach and Retention (SOAR)

**WOODLAND CAMPUS:** (530) 668-2595, Building 700, Room 757

**LAKE COUNTY CAMPUS:** (707) 995-7349, Room 121

[WCC.YCCD.EDU/OUTREACH](http://WCC.YCCD.EDU/OUTREACH)

Student Outreach and Retention (SOAR) aims to promote student engagement and retention while reaching out to the community and local K-12 institutions. The Student Engagement and Outreach Specialists coordinate with local high school counselors and partners to provide on-site matriculation workshops to successfully and seamlessly transition graduating seniors into WCC. SOAR also participates in other community events such as career fairs, high school college nights, conferences at CSU Sacramento and UC Davis, and the Yolo County Fair. The SOAR staff provides campus tours and oversees the Eagle's Perch Student Lounge. Throughout the year, SOAR hosts several engagement and cultural awareness events at the Eagle's Perch Student Lounge.



# Student Success Center

**WOODLAND CAMPUS:** (530) 661-5733 Building 800, Room 814

**COLUSA CAMPUS:** (530) 661-5733, Room 115

**LAKE COUNTY CAMPUS:** (707) 995-7322, Room 129

[WCC.YCCD.EDU/SUCCESS](http://WCC.YCCD.EDU/SUCCESS)

The Student Success Center (SSC) offers free math and writing tutoring to all Woodland Community College students. Trained and friendly peer tutors are available to help students with subject content as well as reading and writing for any course. Students are welcome at any stage of the writing process, whether they need help understanding an assignment, getting started on a draft, organizing or developing ideas, or polishing sentences. Through a collaborative and supportive learning environment, the SSC strives to help develop active and independent learners.



## THE STUDENT SUCCESS CENTER OFFERS ASSISTANCE IN THE FOLLOWING AREAS:

### **Mathematics, Engineering, and Science Achievement (MESA)**

The MESA program is for students who have declared a major in Mathematics, Engineering, or Science. Additionally, this program is for qualifying low-income students who are the first in their family to attend college (first-generation college students). MESA is designed to help students within STEM fields excel academically, build community, participate in internships, capitalize on scholarship opportunities, and transfer to a four-year university.

### **Reading and Writing Center (RAWC)**

The Reading and Writing Center offers students one-on-one assistance with reading and writing strategies in ANY discipline. Our RAWC tutors are trained to assist students with any phase of the writing process for all courses and will help with reading skills for any textbook or literary form. We recognize that reading and writing skills are important across many curricular areas and are equipped to help students at any stage of preparedness.

### **Supplemental Instruction (SI)**

Supplemental Instruction (SI) is an interactive academic program that incorporates hands-on learning activities for students enrolled in specific courses. Courses that are affiliated with SI will offer ongoing, weekly SI sessions that deliver course material in fun and engaging ways.

Statistically, those who regularly attend SI sessions see an increase in course achievement. SI session days and times will be determined by students' availability in the course and will be geared to individual student needs.

### **Tutoring Center**

The Tutoring Center provides one-on-one and group tutoring assistance for any math or science course. Tutors use independent learning strategies to help students better understand course concepts. Tutors will not complete a student's work, but will guide students through the material for a more holistic understanding.

## TRiO Programs

**WOODLAND CAMPUS:** (530) 661-2285, Building 800, Room 850

**COLUSA COUNTY CAMPUS:** (530) 668-2500

[WCC.YCCD.EDU/TRIO](http://WCC.YCCD.EDU/TRIO)

# TRiO

The TRiO programs are for first-generation and/or students who meet the Federal Department of Education income guidelines. The programs work with junior/high school students and college students.

### Pre-College Programs:

- Educational Talent Search (ETS) for 6th to 12th grade students
- Upward Bound (UB) for high school students

The goal of ETS and UB is to motivate and support students to enroll in postsecondary education. The programs help motivate, support, encourage and expose students to experiences that will enhance their potential to succeed on the secondary level and in a higher education institution of their choice.

### College Programs:

- Student Support Services (SSS)
- Student Support Services - English as a Second Language (SSS-ESL)

### Student Support Services (SSS)

Student Support Services (SSS) assists income-qualifying first-generation college students. The goal of SSS programs is to increase the college retention and graduation/transfer rates of participants. The program provides participants with: counseling services; academic tutoring; advice and assistance in postsecondary course selection; information on financial aid; and guidance as they research, apply, and transition to four-year institutions.

### Student Support Services for ESL students (SSS-ESL)

Includes all the same benefits as SSS above but with additional English language support and workshops for students who are speakers of other languages (ESL/ESOL).

### Student Learning Outcomes

- ✓ Students in the TRiO programs will identify their educational goals and design a plan to achieve these goals.
- ✓ Students will demonstrate effective leadership skills.
- ✓ Students will apply effective interpersonal communication skills in their interactions.

## Veterans Resource Center (VRC)

**WOODLAND CAMPUS:** (530) 661-5704, Building 700, Room 775

[WCC.YCCD.EDU/VETERANS](http://WCC.YCCD.EDU/VETERANS)

Woodland Community College is approved for the training of veterans and dependents under various laws of the United States and California.

The Veterans Resource Center (VRC) assists veterans, reservists, and dependents of service disabled or deceased veterans with their educational

benefits. The VRC also acts as a liaison with the U.S.

Department of Veterans Affairs. Woodland Community College requires that all veterans and/or dependents who wish to collect education benefits contact the Woodland Community College VRC start a file. The VRC 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 their current class schedule to the Woodland Community College VRC each semester.

Regional VA processing can take 4 to 6 weeks. Any student receiving veterans' educational benefits will have their benefits.

### Student Learning Outcomes

- ✓ Students will be able to receive VA educational benefits for a determined length of time.
- ✓ Students will be informed of any additional benefits to assist students, offer additional awareness of program availability, and access



# YUBA COMMUNITY COLLEGE DISTRICT FOUNDATION

(530) 749-3868

[YCCDFFOUNDATION.ORG](http://YCCDFFOUNDATION.ORG)

The YCCD Foundation provides increased opportunities and support for student success by seeking, managing and administering funds for the betterment of student-centered programming and services.

# FOUNDATION

YUBA COMMUNITY COLLEGE DISTRICT

## Woodland Community College Fund:

**MAKE A GIFT IN SUPPORT OF WOODLAND STUDENT  
SCHOLARSHIPS & PROGRAMS AT**

[YCCDFFOUNDATION.ORG/WOODLAND-FUND](http://YCCDFFOUNDATION.ORG/WOODLAND-FUND)

The Woodland Community College Fund of the Yuba Community College District Foundation is a charitable support organization for Woodland Community College. The WCC Fund is focused on securing financial, volunteer and community resources to increase opportunities for students, and support their academic success.

WCC Fund is an auxiliary of the YCCD Foundation, a tax-exempt 501(c)(3) not-for-profit organization and is overseen by a committee of local community volunteers. As an auxiliary of the YCCD Foundation contributions to the WCC Fund are tax-deductible.

## Lake County Campus Fund:

**MAKE A GIFT IN SUPPORT OF LCC STUDENT  
SCHOLARSHIPS & PROGRAMS AT**

[YCCDFFOUNDATION.ORG/LAKE-CAMPUS-FUND](http://YCCDFFOUNDATION.ORG/LAKE-CAMPUS-FUND)

At the Lake County Campus of Woodland Community College, we believe there is value in offering wider doors of opportunity for our students. Thanks to generous support of individuals and community members, the Lake County Campus provides more than 15 privately funded scholarships each year. LCC scholarship recipients are contributing members of our local communities. Every day you will see our graduates in a wide range of vocations from health care, law enforcement, culinary arts, education, welding and so much more. Your gift to support LCC scholarships will make a lasting impact in the life of a student and the community.

## Scholarships & Programs

**VISIT FINANCIAL AID TO LEARN HOW YOU MIGHT QUALIFY  
FOR THESE SCHOLARSHIPS OR PROGRAM FUNDS AT:**

[WCC.YCCD.EDU/SCHOLARSHIPS](http://WCC.YCCD.EDU/SCHOLARSHIPS)

### WCC Scholarship Accounts

- Agriculture Scholarship Fund
- Alfred Konuwa Scholarship
- Bayer Crop Science Scholarship
- Office Natalie Corona Scholarship
- Rick Browning DSPS Scholarship
- Terry Turner Scholarship
- Town & Country Club Scholarship
- Dare to Soar Scholarship
- Osher Scholarship
- Huckins Memorial Scholarship
- Ernest & Irma Wettstein Family Scholarship
- Betty Gray Scholarship
- Elmer & Clemmie Stohlman Scholarship
- American Association of University Women Scholarship
- Harold Sawtell Scholarship
- American Legion Auxiliary Post 77 Scholarship

### WCC Program Funds

- Agriculture Fund
- Foster & Kinship Care Program Fund
- Beeghly-Merritt Memorial Endowment
- General Library & Book Reserve Fund
- Bigelow Endowment
- Landscaping & Quad Fund
- Chicana/o Studies
- Outreach & Engagement
- Cultural Events Fund
- Pre-School Parent Advisory Progress Fund
- Disabled Students Progress Fund
- Si Se Puede
- Ethnic Studies Cross Cultural Series
- Stay Well
- Dorothy Minges Student Emergency Fund
- TRIO
- Food Pantry
- Veteran's Operation Fund



# ADMISSIONS

*The Yuba Community College District 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; however, State law requires an additional tuition charge (see “Residency Requirements” below).*

## Open Enrollment Policy

All courses, regardless of location, 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 within the district (Radiologic Technology, Veterinary Technology, ADN, Psychiatric Technician, etc.);
- Courses closed by maximum enrollment of students by the “priority registration” policies;
- Courses with academic requisites that restrict enrollment of academically unqualified students; and
- Courses with content that would be a repeat of a course of equivalent or more advanced coursework previously taken by the student (exceptions require counselor recommendation and Vice President of Student Services approval).

Applicants may apply for admission online by going to our website at [wcc.yccd.edu/admissions/apply](http://wcc.yccd.edu/admissions/apply).

## Residency Requirements

California state law mandates that each student who applies for admission must provide residency information and evidence as deemed necessary by the Admissions & Records Office in order to determine the student’s residence classification. The following rules regarding residency determination are not a complete explanation. For further information, contact 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. To determine this date, students must be physically present in the state a year and a day prior to the beginning of the term in which they wish to enroll.

### 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 student’s 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 they are residing. If the student lives with neither parent, residency is derived from the parent with whom they last lived. (The Residence of an unmarried minor who has a parent living cannot be changed by their own act, by appointment of a legal guardian, or by relinquishment of a parent’s right of control.)
3. Active duty military personnel stationed in California are entitled to resident classification. Specific veteran classifications are entitled to residency classification for purposes of tuition.
4. A dependent child or spouse of an active duty military person stationed in California is entitled to residency 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 may be exempt from 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 card” for one year or more may be eligible to establish residence in accordance with the “Criteria For Residency” section.
7. Nonresidents and noncitizens who have attended a California high school for at least three years and who graduated from a California high school may be eligible for exemption of the non-resident tuition. See the California Non-Resident Tuition Exemption (AB 540) form for more information or ask at [Admissions and Records](#).

A student who is seeking reclassification must show financial independence in the current or preceding calendar year. This factor alone does not constitute residency.

## 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 District. 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 include the following:

- W-2 form
- California State Income Tax payment
- California Identification Card
- California Driver’s License
- Motor vehicle ownership and registration
- Purchase of property
- Lease 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.

## Steps for Applying to WCC

All entering students must complete the following matriculation steps:

- Complete the online CCCApply admissions application
- 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 components of matriculation if they meet certain criteria. Students seeking an exemption must submit a Matriculation Exemption form. Students who meet the exemption criteria are able to

register without meeting any requirements other than the basic legal admission requirement and will be classified as non-matriculants which will:

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

## Dual Enrollment of High School Students

[WCC.YCCD.EDU/DUALENROLLMENT](http://WCC.YCCD.EDU/DUALENROLLMENT)

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/designee and the parent/guardian’s permission:

- Enroll in only college-level courses (courses numbered 1-99)
- No Physical Education (PE)/Kinesiology courses may be taken;
- Students must have met course prerequisite requirements;
- Students are required to fulfill the minimum day requirement at their high school, or, for charter/homeschooled students, the parent has to verify that the proposed college coursework will not interfere with the student’s basic high school coursework;
- Charter/homeschooled students must present a grade equivalency certification documenting the grade level the student has achieved;
- Charter/homeschooled 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;
- Students must be certified to be eligible for advanced scholastic or vocational coursework. Contact the high school administrator/designee 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 will be waived for eligible students.

### Steps for Dual Enrollment Application

1. Complete college application through CCCApply.

2. Meet with your high school counselor to discuss Dual Enrollment courses available at your high school and/or recommended courses offered through WCC campuses.
3. Complete and submit the High School Recommendation Form.

## Registration Steps

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Continuing students should meet regularly with a counselor to discuss educational plans and select appropriate courses for registration. All other applicants are required to complete the matriculation steps prior to being eligible for registration.

Continuing students should schedule a counseling appointment for advising on and completion of an educational plan. All other applicants should complete an Admission [Application online](#), orientation, and have high school and/or college transcripts sent to the Admissions and Records Office. Applicants should also meet with a counselor to discuss educational plans and select appropriate courses for registration.

## Student Responsibility Regarding Registration

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Students should acquaint themselves with District policies and procedures, study the Catalog and the Schedule of Classes, consider the curricula carefully, and plan the courses needed/required for their majors and graduation before enrolling in courses.

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 and meet with a counselor to work on an educational plan.

Course placement services include counselor appraisal of previous college and/or high school work (transcripts should be sent to the college) as well as other information such as number of hours working that may have an effect on student goals.

### 10 Days to Pay Policy

Students have ten days to pay for their classes from the time of registration. Students who have not paid their fees within ten days may be dropped for non-payment. To avoid being dropped from classes, take one of the following steps:

1. Pay for classes in full; OR

2. Complete a California College Promise Grant (formerly known as the Board of Governors Fee Waiver) with Financial Aid **prior** to registration; OR
3. Sign up for a payment plan online through [Self-Service](#). Students are responsible for making payment arrangements. Those who do not make payments may be dropped from one or more classes. Once registered, students will be able to see their status in [Self-Service](#) and through NelNet's website: [mycollegepaymentplan.com/woodland](http://mycollegepaymentplan.com/woodland)

**Important:** *Students are responsible for any fees incurred and grades received. It is the student's responsibility to drop classes by the state-mandated refund deadline to avoid fee obligations and they must be aware of all other published deadlines. Once classes begin, non-attendance or non-payment does not release the student from their responsibility and may result in student fee debt and failing grades being awarded.*

## Change in Enrollment

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Students wishing to change their course enrollment may add or drop classes using [Self-Service](#) or by submitting the appropriate forms to the Admissions and Records Office by the stated deadlines.

Enrollment fees for classes that are dropped on or before the refund deadline (end of second week of instruction for full-semester classes or ten percent of a short-term class) are credited to the student's account. ([See "Refunds" on page 29](#))

If a class is dropped prior to the Census Date (20% of the term for short-term courses), no notation of the course will be entered on the academic record. If a class is dropped after that time but prior to the end of the thirteenth week of a regular semester (75% of term for short-term courses), a "W" will be entered on the academic record. 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's 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 [Self-Service](#), it is the student's responsibility to check that drops (or adds) were correctly processed.**



## Maximum Unit Load

The average student load is 12 to 16 units per semester. The maximum load allowed during a regular term is 19 units, or 16 units for a student on probation. A unit load above 18 is allowed only for the most urgent reasons and requires counselor approval. 8 units is the maximum in which a student may register during a summer term without counselor approval.

## English/Math Placement

As one of the mandates of Assembly Bill (AB 705) passed in Fall of 2017, WCC has implemented a new process for placing students in their first English or Math course. Multiple measures include a combination of high school course information and a student's cumulative GPA. Placement will be determined upon the completion of the college application. If a student's placement requires adjustment, please meet with a Woodland Community College counselor.

It is recommended that students bring their high school transcript (if available) or transcript information when meeting with a Counselor in order to complete the MMAP (Multiple Measures Assessment Program) form. For any questions, call WCC Counseling at (530) 661-5703.

**\*Note:** *It is helpful for students to know their level of performance in the English and math areas before planning a course of study at Woodland Community College. The counselor will guide them towards the appropriate English and math courses. Please call the WCC Counseling Office at (530) 661-5703 for an appointment.*

If students have completed the equivalent prerequisite course at another college or university, they must submit official transcripts to the Admissions and Records Office. Students may clear prerequisites by scheduling an appointment with the Counseling Department.

**For any questions regarding this process, please call the Admission and Records Office at (530) 661-5700.**

ENGLISH		
Criteria	Test Placement	YCCD Course Placement
HSGPA $\geq 2.6$	1105	English 1A
HSGPA $\geq 1.9$ 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 $\geq 3.5$ AND Pre-Calculus	B- or above	2109	Math 1 A
HSGPA $\geq 3.0$ AND Calculus	C- or above		
HSGPA $\geq 3.2$ AND Algebra 2 or Integrated 3	B- or above	2108	Math 8, 20, 21
HSGPA $\geq 3.0$ AND Pre-Calculus	C- or above		
All Other Students	N/A	2105	Math 52, 59

MATH (FOR LIBERAL ARTS PROGRAMS)		
Criteria	Test Placement	YCCD Course Placement
HSGPA $\geq 3.0$	2113	Stat I
HSGPA $\geq 2.3$ AND Pre-Calculus		
HSGPA $\geq 2.3$ but $< 3.0$	2112	Stat I with Stat 100 (Recommended)
HSGPA $< 2.3$	2111	Stat I with Stat 100 (Strongly Recommended)

ENGLISH SPEAKERS OF OTHER LANGUAGES (ESOL) PLACEMENT	
The ESOL department uses guided self-placement to help students find the best class to take. It's a quick and easy process that can even be done at home.	
Please visit <a href="http://wcc.yccd.edu/esolplacement">wcc.yccd.edu/esolplacement</a> to get started.	

## Advisory Placement Levels For Courses Requiring College-Level Skills

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Many “entry-level courses” that are numbered 1-99 carry credit/ units that apply toward an Associate’s Degree and require college-level language and/or computation skills for successful participation. It is recommended that students meet the language and/or math requirements if they plan to enroll in any course with a description that includes an “L” and/or “M.”

- “L” means college-level language skills are recommended
- “M” means college-level computation skills are recommended.

### THESE REQUISITES ARE ADVISORY ONLY:

#### (L) Designation

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:

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

#### (M) Designation

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:

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

#### (C) Designation

The (C) designation means that the content of the course is such that the student must have college-level computer skills to successfully participate in the course.

Students may meet the requirements for (C) courses by:

1. Achieving a grade of “C” or better in AG 12, BCA 15, 60, 62, 41, 22, 33, 26, 37, or COMSC 10L .
2. Possessing credit in an equivalent high school or college course.

3. Achieving a score of 50 or higher on the CLEP Information Systems and Computer Applications exam.

## Schedule of Classes

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The [Schedule of Classes](#) is published online each semester along with the Academic Calendar, registration procedures, and deadlines.

## Unit of Academic Credit

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

## Fees and Expenses

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All fees are those known at the time this catalog went to press and are subject to change.

### State-Mandated Enrollment Fee

All students are to pay an enrollment fee unless at the time of registration they qualify for an exemption under state mandates. 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.

### California College Promise Grant (CCPG)

*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.

### Nonresident/Noncitizen Tuition

Students who have not established California residency in accordance with state regulations ([See "Residency Requirements" on page 24](#)), will be required to pay the nonresident tuition fee of \$280 per unit. In addition to other enrollment fees, students who are both citizens and residents of a foreign country are required to pay \$280 per unit plus the established per unit enrollment fee and student health fee.

### 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 Vice President of Student Services office for the exemption.

### Student Representation Fee

Per AB 1504, students have the option to support their associated student government by accepting a \$2 Student Representation fee. This fee is accepted through the Required Agreements in Self-Service prior to registering each semester.

### Textbooks & Other Costs

All students should be prepared to purchase their own books, which are available through the campus bookstore. Direct school expenses for the entire year, including books, can average \$600 to \$700; textbook costs for pre-professional students (such as engineering and medicine) may be higher.

Woodland Community College offers some courses with zero-cost textbooks. These course sections are identified with the Zero Textbook Cost (ZTC) icon in Self-Service.



Students in some Career Education programs (such as Administration of Justice, Nursing, Psychiatric Technician, 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 (CCPG, formerly known as BOGW) enrollment fee waiver does not cover these charges.

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).

### Parking Fee

Students and staff who drive vehicles on campus will pay a parking fee and be issued a permit. 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 permit. The parking fee covers day and evening campus attendance. All non-student, seasonal, and short-term employees may park in the General Parking lots and must display either a valid semester parking permit or a \$2 parking pass. Students who have a fee waiver can purchase their parking permits for \$20 per semester depending on their eligibility. All semester parking permits are available for purchase through [Self-Service](#).

Students who withdraw from classes before the thirteenth day of the semester (dates vary for short-term classes) may apply for a refund of the parking fee. The parking permit must be returned to qualify for the refund.

## Refunds

**All enrollment fee refunds are subject to a \$10 processing fee.** This fee will be charged only once per semester of enrollment. Any refund processed for less than \$10 will not be assessed an additional fee.

### Book Refunds

Full refunds will be made, at the college bookstore, for books purchased for the current semester up to two weeks after the start of that semester; one week for summer session. Receipts are required for all refunds and new books must be unmarked and in new condition.

### Student Services Fees and Nonresident Tuition

Students are eligible for a refund of Student Services fees if the steps below are followed:

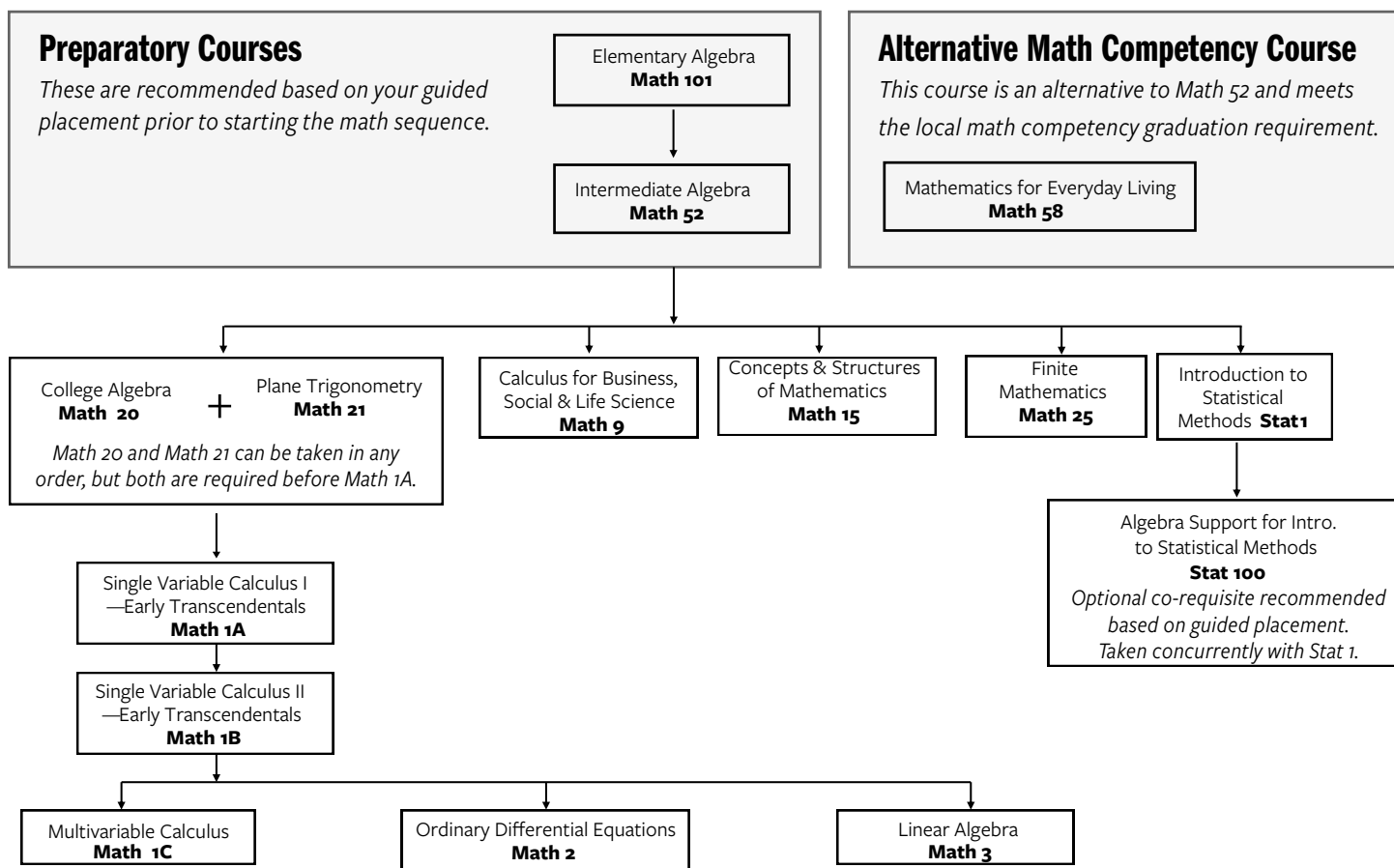


1. The student officially drops the class on or before the refund deadline (end of second week of instruction); and
2. The drop(s) reduces the student's currently enrolled unit load; and
3. A refund request form is filed through [Self-Service](#). When students request a fee refund, they should be aware of the following:
4. Students must request to receive a refund of fees through Self-Service. All enrollment fee refunds are subject to a once-a-semester \$10 processing fee.
5. If fees were paid by check, there will be a waiting period until that check clears through the student's bank before refunds can be processed.

For refunds, a student must complete a Request for Refund through Self-Service and a check will be mailed. Official drops may be submitted through [Self-Service](#), or in person at Admissions and Records. It is the student's responsibility to ensure all drops are processed.

**Parking Fees:** Students who withdraw from classes before the thirteenth day of the semester (dates vary for short-term classes) may apply for a refund of the parking fee. The parking permit must be returned to qualify for the refund.

# Mathematics & Statistics Course Sequencing



## Online Math Resources

### Algebra

- [www.algebrahelp.com](http://www.algebrahelp.com)
- [www.purplemath.com](http://www.purplemath.com)
- [www.myalgebra.com/algebra\\_solver.aspx](http://www.myalgebra.com/algebra_solver.aspx)

### Trigonometry

- [www.khanacademy.org/math/trigonometry/basic-trigonometry](http://www.khanacademy.org/math/trigonometry/basic-trigonometry)
- [www.sosmath.com/trig/trig.html](http://www.sosmath.com/trig/trig.html)

### Calculus

- [www.calculus-help.com](http://www.calculus-help.com)
- [www.sosmath.com/calculus/calculus.html](http://www.sosmath.com/calculus/calculus.html)

### Other Math Resources

- [www.mathtv.com](http://www.mathtv.com)
- [www.interactmath.com](http://www.interactmath.com)

# FINANCIAL AID

*The goal of the Financial Aid office is to assist students in bridging the gap between their own resources and the cost of attending college while pursuing an eligible educational goal. We offer assistance with completing applications and providing information about the requirements of the various financial aid programs. Financial aid consists of federal grants, work study, state grants, fee waivers, scholarships, and loans.*

## Criteria and Procedures for Financial Aid

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In order to treat all students equitably, standardized budgets are established and are applied to all applicants. Typical expenses for an academic year for a California resident living with parents to attend Woodland Community College are: State-mandated Enrollment Fee, \$46 per unit; Student Health Fee, \$20; Room/Board, \$9,360; Books/Supplies, \$1,152; Personal expenses, \$3,348; Transportation expenses, \$1,026

The application form to be used for most financial aid programs is the Free Application for Federal Student Aid Program (FAFSA) at [www.fafsa.gov](http://www.fafsa.gov). 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 FAFSA application form and forwarded to the central processor for further processing. Supporting documentation may be required by the Financial Aid office. A student who is ineligible for FAFSA aid may complete the California Dream Act Application at [dream.csac.ca.gov](http://dream.csac.ca.gov).

### Deadline for Filing Financial Aid Applications

Applications for each academic year are available October 1st and are processed on a first-come, first-served basis. Eligible students with completed files will receive the highest award.

### Satisfactory Academic Progress

Students awarded financial aid funds are required, by federal law and Woodland Community College policy, to make satisfactory academic progress towards their educational goal. Satisfactory of financial aid probation status is necessary in order to continue receiving funds.

**The specific requirements are available in the Financial Aid Guide on the Financial Aid web page at [wcc.yccd.edu/financialaid](http://wcc.yccd.edu/financialaid)**

### Return to Title IV (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 Woodland Community College or to the Department of Education, per federal regulations.

## Types of Aid Available to Woodland Community College Students

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### Scholarships

Many scholarships are available to help students to meet the cost of education. These scholarships become available through private support from individuals and organizations in the Woodland Community 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 online at [wcc.yccd.edu/scholarships](http://wcc.yccd.edu/scholarships)**

### Grants

Federal, state, and institutional grant programs are available to eligible Woodland Community College students. These funds are based on financial need criteria. Included are: Federal Pell Grant; Federal SEOG (Supplemental Educational Opportunity Grant); California College Promise Grant (CCPG); EOPS (Extended Opportunity Program & Services) Grant; CARE (Cooperative Agency Resources & Education) Grant; Chafee Grant; Cal Grants B and C; Student Success Completion Grant (SSCG); and Promise Award.



## Work-Study

The Federal Work Study program provides jobs for eligible students awarded FWS funds as part of their financial aid package. An award offer is not a job guarantee. The Financial Aid office helps eligible students locate employment. College units may also be available for this job experience; contact a counselor for more information. This popular program provides invaluable work experience and a flexible work schedule for students attending Woodland Community College. The CalWORKs Work-Study Program coordinates with the Federal Work Study Program on a student-by-student basis.

## Federal Direct Loans

Effective Spring 2019, WCC reinstated the federal loan program for students. The U.S. Department of Education offers eligible students at participating schools **Direct Subsidized Loans and Direct Unsubsidized Loans**. (Some people refer to these loans as Stafford Loans or Direct Stafford Loans.) **Federal Direct Stafford student loans** are a long-term financial obligation. Getting a loan means students are responsible for repaying the borrowed money, including interest and fees. **Repayment** of a student loan is necessary six months after any one of the following occur: 1) graduation, 2) dropping below half time enrollment status, or 3) completely withdrawing from classes.

**For additional information regarding Federal Direct Loans, visit the Federal Student Aid website at [studentaid.gov/understand-aid/types/loans](https://studentaid.gov/understand-aid/types/loans)**

This site contains important information that students will be responsible for understanding as part of the loan obligations as federal student loan borrowers.

**NOTE:** *To any student borrower or parent borrower of a student who enters into an agreement regarding a Title IV, HEA loan (Federal Direct Stafford and/or Federal Direct PLUS loans): your loan information will be submitted to the National Student Loan Data System (NSLDS) and such information will be accessible by authorized agencies, lenders, and institutions, per the Higher Education Act of 1965, as amended (HEOA 489 amended HEA Sec. 485B). Inquire with the WCC Financial Aid office for application and requirements.*

## American Opportunity Tax Credit (AOTC)

The American opportunity tax credit (AOTC) is a credit for qualified education expenses paid for an eligible student for the first four years of higher education. Students can get a maximum annual credit of \$2,500 per eligible student. If the credit brings the amount of tax you owe to zero, you can

have 40 percent of any remaining amount of the credit (up to \$1,000) refunded to you.

The amount of the credit is 100 percent of the first \$2,000 of qualified education expenses you paid for each eligible student and 25 percent of the next \$2,000 of qualified education expenses you paid for that student. The full credit is available to individuals, whose modified adjusted gross income is \$80,000 or less, or \$160,000 or less for married couples filing a joint return. You receive a reduced amount of the credit if your MAGI is over \$80,000 but less than \$90,000 (over \$160,000 but less than \$180,000 for married filing jointly). You cannot claim the credit if your MAGI is over \$90,000 (\$180,000 for joint filers).

## Lifetime Learning Credit (LLC)

The lifetime learning credit (LLC) is for qualified tuition and related expenses paid for eligible students enrolled in an eligible educational institution. This credit can help pay for undergraduate, graduate and professional degree courses—including courses to acquire or improve job skills. There is no limit on the number of years you can claim the credit. It is worth up to \$2,000 per tax return. For tax year 2020, the amount of your LLC is gradually reduced (phased out) if your modified adjusted gross income (MAGI) is between \$59,000 and \$69,000 (\$118,000 and \$138,000 if you file a joint return). You can't claim the credit if your MAGI is \$69,000 or more (\$138,000 or more if you file a joint return).

The amount of the credit is 20 percent of the first \$10,000 of qualified education expenses or a maximum of \$2,000 per return. The LLC is not refundable. You can use the credit to pay any tax you owe, but you won't receive any of the credit back as a refund.

**Visit the [ETIC website](#) for comparison of AOTC and LLC**

## 1098-T Forms

At the end of each calendar year, the Yuba Community College District will make available a statement (Form 1098-T) for students who meet the required criteria and who paid for the enrollment/tuition fees (does not apply if fees were waived or paid by another agency). The Form 1098-T will be available in [Self-Service](#).

**For more information about education-related tax benefits, please visit the [IRS Tax Benefits for Education: Information Center at the IRS newsroom](#)**

# CAMPUS LIFE

## Student Activities

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WCC believes that a variety of extracurricular activities outside the classes will give students an opportunity to develop their personalities and broaden their social lives under wholesome conditions. The college offers a carefully planned, faculty-sponsored activities program on campus. Clubs, Associated Students of WCC, class and departmental organizations, publications, music and drama activities, and traditional events offer a wide and interesting field for student participation. Those opportunities stimulate social and individual development comprise one of the advantages of campus life at WCC. Every student is urged to engage in activities insofar as academic responsibilities permit.

## Student Code of Conduct

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### Violations & Sanctions

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:

- **Admonition.** An oral statement to a student that he or she is violating or has violated District rules or legal statutes.
- **Warning.** Notice, orally or in writing, that continuation or repetition of conduct found wrongful, within a period of time stated in the Warning, may be cause for more severe disciplinary action.
- **Censure.** A written reprimand for violation of specified regulations, including the possibility of more severe disciplinary sanctions in the event of the finding in a violation of any District regulation or legal statute within a stated period of time.
- **Disciplinary Probation.** Exclusion from participation in the Financial Aid Program and/or in privileged or extracurricular District activities as set forth in the notice for a period of time not exceeding one school year; withholding of grades and/or transcripts, if on Disciplinary Probation due to refusal to meet financial obligation to the college, including a parking fine.

## Clubs and Organizations

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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 by calling our Student Engagement & Outreach Office at (530) 668-3691 or visiting the [Student Organizations](#) web page or the [SOAR Team](#). Students are encouraged to start and participate in clubs. Below is a list of clubs that have been chartered by ASWCC in recent years:

- Club United
- Future Business Leaders of America (FBLA)
- Mesa Club
- Martial Arts Club
- Psychology Club

- **Restitution.** Reimbursement for damage to or misappropriation of property. This may take the form of requiring appropriate service or other compensation.
- **Suspension.** Exclusion from classes and other privileges or activities, including Financial Aid, as set forth in the notice for a definite period of time not to exceed two years; may include "Withdrawal of Consent for Student to Remain on Campus."
- **Expulsion.** Termination of student status for an indefinite period. The conditions of readmission, if any, shall be stated in the Order of Expulsion. A copy of the Woodland Community College Code of Conduct for Students may be obtained from the Office of the Vice President of Student Services.

### Dress Regulations

WCC students are expected to demonstrate maturity by exercising good judgment and taste in everyday attire. Within these expectations of student judgement, every individual is required to wear shoes or bona fide street sandals in all campus buildings. Instructors in charge of field trips and/or social events have authority to enforce additional dress regulations which they deem are required for the occasion.

## Drug-Free School Policy

The District recognizes that substance abuse is a major health problem throughout the United States. 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.

You can view the college's Drug and Alcohol Abuse Prevention Plan on [Page 38](#) or on the website at [wcc.yccd.edu/student/financialaid/daapp](http://wcc.yccd.edu/student/financialaid/daapp)

***The Yuba Community College District has a “zero tolerance” policy; all campuses and centers are to be alcohol and drug free.***

It is the stated policy of the Yuba Community College District to implement a comprehensive substance abuse strategy that will work more effectively in combating potential drug use and use of drugs by students. The policy sets forth procedures that not only educates and informs students 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, 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 WCC Campus Police Department and the WCC Campus Student Health Services.
- Educational materials regarding health risks associated with the use of illicit drugs and the abuse of alcohol are made available to all students through Student Health Services. 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 Student Health Services.
- The Vice President of Student Services Office will keep records of all disciplinary actions and evaluate consistency of all enforcement.

## Smoking Policy

In the interest of public health, Woodland Community College became a tobacco-free campus effective August 18, 2003.

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

1. On all grounds and in all buildings of the Woodland Community College Campus, the Lake County Campus, and the Colusa County Campus.
2. In or on any space, building, or classroom leased or rented by the college.
3. In all vehicles owned or leased by the college.
4. This policy and these regulations apply to employees, students, visitors, and other persons who enter any Woodland Community College facility as described in paragraph one.

Smoking, or other use of tobacco, is prohibited within all Yuba Community College District buildings, including restrooms, dining areas, classrooms, laboratories, library, gymnasium, offices, and the theatre, along with any other interior building area, including quads.

## 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 high school students enrolled concurrently in the class. Children of students are prohibited from attending classes. Classes are limited in size and no disruptions will be allowed in the classroom. Additionally, the college assumes no liability for injuries that may occur to the child.

# Student Rights and Grievances

*Reference: Title IX, Education Amendments of 1972;  
Education Code Section 76224(a)*

The purpose of this procedure is to provide a prompt and equitable means of resolving student grievances. These procedures shall be available to any student who reasonably believes a college decision or action has adversely affected his or her status, rights, or privileges as a student. The procedures shall include, but are not 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. This procedure does not apply to: Student disciplinary actions, which are covered under separate board policies and administrative procedures. Police citations (i.e., “tickets”); complaints about citations must be directed to the county courthouse in the same way as any traffic violation.

## Definitions:

- **Party.** The student or any persons claimed to have been responsible for the student’s alleged grievance, together with their representatives. “Party” shall not include the Grievance Hearing Committee or the College Grievance Officer.
- **President.** The President or a designated representative of the President.
- **Student.** The student is a person that is currently enrolled, a person who has filed an application for admission to the college, or a former student.
- **Respondent.** Any person claimed by a grievant to be responsible for the alleged grievance.

A grievance by an applicant shall be limited to a complaint regarding denial of admission. Former students shall be limited to grievances relating to course grades to the extent permitted by Education Code Section 76224(a). Informal Resolution:

Each student who has a grievance shall make a reasonable effort to resolve the matter on an informal basis prior to requesting a grievance hearing, and shall attempt to solve the problem with the person with whom the student has the grievance, that person’s immediate supervisor, or the local college administration. Any student who believes they have a grievance shall file a Statement of Grievance with the Grievance Officer within 15 working days of the incident on which the grievance is based or fifteen working days after the student learns the basis for the grievance,

whichever is later. The Statement of Grievance must be filed whether or not the student has already initiated efforts at informal resolution, if the student wishes the grievance to become official. Within five days following receipt of the Statement of Grievance Form, the Grievance Officer shall advise the student of their rights and responsibilities under these procedures and assist the student, if necessary, in the final preparation of the Statement of Grievance form. If at the end of five working days following the student’s first meeting with the Grievance Officer, there is no informal resolution of the complaint that is satisfactory to the student, the student shall have the right to request a grievance hearing.

## Grievance Hearing Committee:

A Grievance Hearing Committee shall be constituted in accordance with the following: It shall include one student, two instructors, one college administrator, and one classified selected from the panel described above. If the President feels that sufficient grounds for removal of a member of the committee has been presented, the President shall remove the challenged member or members and substitute a member or members from the panel described above. The determination is subject to appeal as defined below.

The Grievance Officer shall sit with the Grievance Hearing Committee as Chair of the Committee but shall not serve as a member nor vote. The Grievance Officer shall coordinate all scheduling of hearings, serve to assist all parties and the Hearing Committee to facilitate a full, fair and efficient resolution of the grievance, and avoid an adversary role.

## Request for Grievance Hearing:

Any request for a grievance hearing shall be filed on a Request for a Grievance Hearing within ten working days after filing the Statement of Grievance as described above.

## Hearing Procedure:

The decision of the Grievance Hearing Committee chair shall be final on all matters relating to the conduct of the hearing unless there is a vote of a majority of the other members of the panel to the contrary. The members of the Grievance Hearing Committee shall be provided with a copy of the grievance and any written response provided by the respondent before the hearing begins. Hearings shall be closed and confidential unless all parties request that it be open to the public. Any such request must be made no less than five working days prior to the date of the hearing. Within five working days following receipt of the Grievance



Hearing Committee's decision and recommendations), the President shall send to all parties his or her written decision.

The decision of the President shall be final, subject only to appeal as provided below.

### **Appeal:**

Any appeal relating to a Grievance Hearing Committee decision that the Statement of Grievance does not present a grievance as defined in these procedures shall be made in writing to the President within five working days of

that decision. The President shall review the Statement of Grievance and Request for Grievance Hearing in accordance with the requirements for a grievance provided in these procedures, but shall not consider any other matters. The President's decision whether or not to grant a grievance hearing shall be final and not subject to further appeal.

For more information see [AP 5530](#) on the Yuba Community College District Board Policies at: [www.yccd.edu/board/policies](http://www.yccd.edu/board/policies)

## **Woodland Campus Police Department**

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### **Mission Statement:**

The Yuba Community College District Police Department is dedicated to developing partnerships with the community we serve, including students, staff, and faculty in order to support the goal of providing quality higher education in a safe and secure atmosphere. The college will closely interact with the community and local government agencies and engage in crime prevention, criminal apprehension, and other activities which reduce concerns in the community. We will commit ourselves and our resources in partnership with the community to promote a safe and secure learning environment.

### **Campus information:**

The Campus Police Department is located in Building 300 on campus. The telephone number is (530) 661-5722. Yellow emergency call boxes, which immediately summon an on-duty officer, are located at both the East (middle section) and West (by the parking permit dispenser) parking lots and on light posts outside of Buildings 600 and 700.

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 campuses in five different personal counties. The police department provides professional law enforcement services at all five campuses. These campuses include Yuba Community College, Woodland Community College, Lake County Campus, Colusa County Campus, and the Sutter County Center.

A copy of the annual security report, also known as The Jeanne Clery Disclosure of Campus Security Policy, is a report published by colleges and universities that contain campus crime and fire safety statistics and certain campus security policy statements.

This annual security report is available online on both the public website as well as each campus's individual website at:

[www.yccd.edu/central-services/campus-safety/jeanne-clery-report](http://www.yccd.edu/central-services/campus-safety/jeanne-clery-report)

# DRUG & ALCOHOL-FREE WORKPLACE & COLLEGE PREMISES

## District Drug & Alcohol Policies

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**1.1** The following program has been adopted to implement YCCD Board Policy 3550/3560 adopted on 12/3/2019. (Reference: Board Document 3550/3560):

The Student Code of Conduct, supported by Education Code Section 60041, prohibits the unlawful possession, use, or distribution of illicit drugs and/or alcohol by students on its property or as part of any college sponsored 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 District Police Department.

Educational materials regarding the health risks associated with the use of illicit drugs and the abuse of alcohol are made available to all students through the District Counseling Services. Information regarding resources for drug or alcohol counseling and treatment are also available through the District Counseling Services.

The VP of Student Services will keep records of all disciplinary actions and evaluate the consistency of all enforcement.

Reference: Drug Free Schools and Communities Act Amendment, 1989; Federal Drug-Free Workplace Act, 1988

**1.2** The unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in all facilities under the control and use of the District. Any student or employee who violates this policy will be subject to disciplinary action by the college and/or local, state, or federal law. Disciplinary actions may include referral to an appropriate rehabilitation program, suspension, demotion, expulsion or dismissal. The Superintendent/President shall assure that the District distributes annually to each student and employee the information required by the Drug Free Schools and Communities Act Amendments of 1989 and complies with other requirements of the Act. (Board Document 3550/3560)

**1.3** Woodland Community College is committed to preventing drug/alcohol abuse on any YCCD campus and in adherence to state and federal laws. Please read below the causes or damages that substance abuse can cause.

Use or misuse of controlled substances can lead to overdose, sudden death, liver disease, psychological disorders, and brain damage. Long-term alcohol abuse can cause ulcers, gastritis, pancreatitis, liver disease, cancer, loss of coordination, heart disease, stroke, emotional distress, sexual dysfunction, and other health problems. Occasional misuse may cause:

- Impaired learning ability due to drowsiness, memory loss, and indifference to academic achievement
- Impaired judgment leading to physical accidents, unwanted pregnancy, sexually transmitted diseases, violent behavior, and financial problem
- Any drug used intravenously can spread AIDS or hepatitis

**1.4** [See "Drug Prevention Resources" on page 40](#)

### 1.5 Legal Sanctions

The Yuba Community College District Code of Conduct prohibits the use, sale, or possession on campus of, or presence on campus under the influence of, any controlled substance. Controlled substances include cocaine, marijuana, LSD, heroin, methadone, mescaline, peyote, and methaqualone, among others.

If a student abuses drugs or alcohol on campus, or appears on campus or at a college-sponsored function under the influence of drugs or alcohol, they can be suspended, expelled, and/or criminally prosecuted. The penalties for the more common offenses are:

- Possession or use of alcohol: year in jail and/or fine
- Possession of marijuana: criminal citation and fine
- Possession of cocaine: imprisonment in a state prison
- Sales of any illegal drug: imprisonment in a state prison
- Possession or use of alcohol by a minor: one year in jail and/or fine
- Student employees may be terminated
- Ineligibility for financial aid

(Board Document 3550)

## **2.0 Implementation:**

**2.1** The District will notify students and employees that the unlawful manufacture, distribution, dispensing, possession or use of illicit drugs and alcohol is prohibited in the workplace and college premises. The notice will include the actions that will be taken for violation of such prohibitions.

**2.2** A drug and alcohol awareness program will be established to inform students and employees about the dangers of drug and alcohol abuse and the District's policy of maintaining drug and alcohol-free workplace and college premises. Information will be provided regarding drug and alcohol counseling and rehabilitation programs and the penalties that may be imposed upon students and employees for violations occurring in the workplace and colleges.

**2.3** Each employee will be given a copy of the policy statement annually regarding the drug and alcohol-free workplace and college premises.

**2.3.1** Employees will be notified that, as a condition of employment under any federal or state contract/grant to the District, the employee will abide by the terms of the policy. The employee shall notify the District of any criminal drug statute conviction for a violation occurring in the workplace no later than five days after such conviction.

**2.3.2** Within ten (10) days after receiving notice from an employee or otherwise receiving actual notice of conviction, the District will notify the contracting agency in accordance with the Drug-Free Workplace Act.

**2.3.3** Within thirty (30) days of receiving notice with respect to any employee who is convicted, the District will take appropriate personnel action against such employee, which may include termination; or require such employee to participate satisfactorily in a drug or alcohol abuse assistance or rehabilitation program approved for such purposes by a federal, state, or local health, law enforcement, or other appropriate agency.

**2.4** Each student will be given a copy of the policy statement annually regarding the drug and alcohol-free workplace and college premises. Violation of this policy by students shall result in disciplinary sanctions up to and including expulsion, and may include the completion of an appropriate rehabilitation program.

**2.5** In addition to disciplinary sanctions, violators may be prosecuted under applicable state or federal law.

**2.6** Students and employees will be informed of the health risks associated with the use of illicit drugs and the abuse of alcohol, and will be advised of the availability of drug or alcohol counseling, treatment or rehabilitation programs.

## **3.0 Review Process**

**3.1** A biennial review process will be led by the Woodland Community College Chief Student Services Officer in conjunction with the Office of Institutional Effectiveness. The review will also be conducted in collaboration with the college's health care provider and Yuba Community College District Office.

## **4.0 Smoking Policy**

YCCD Board Policy 3570 Smoking and Use of Tobacco Products: smoking, vaping, and the use of tobacco is prohibited on all district/college property. Smoking is defined as inhaling, exhaling, burning, or carrying any lighted or heated cigar, cigarette, pipe, or any other lighted or heated tobacco or other product intended for inhalation, in any matter or in any form. Smoking also includes the use of e-cigarettes. An e-cigarette is any oral device that provides a vapor of nicotine or any other substance for inhalation. E-cigarettes do not include products approved by the United States Department of Food and Drug Administration for medical treatment.

For individuals interested in quitting smoking or smokeless tobacco use please call the California Smokers' Helpline at 1(800) NO-BUTTS or visit: [www.nobutts.org](http://www.nobutts.org).

# DRUG PREVENTION RESOURCES

## Woodland Campus

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### On Campus

**Student Health Center/ CommuniCare**

Located in Building 700

(530) 358-2701

[wcc.yccd.edu/health-center](http://wcc.yccd.edu/health-center)

**Physical Health**

Mon & Thurs 9:00am to 1:00 pm

**Behavioral Health**

Mon & Thurs—8:30am to 5:00pm

Tues & Wed—10:30am to 7:00pm

**WCC Counseling**

Located in Building 700

(530) 661-5703

[wcc.yccd.edu/counseling](http://wcc.yccd.edu/counseling)

### Off Campus

**Tobacco Prevention Coalition**

(530) 666-8232

or for Youth (530) 666-8616

[www.yolocounty.org](http://www.yolocounty.org)

**Drug Abuse Prevention through 211–  
Yolo County**

Call 211

[211yolocounty.com](http://211yolocounty.com)

**Behavioral Health Substance Abuse  
Education Agency**

(530) 405-2815

### Other Outside Agencies

**Al-Anon Family Groups:**

(530) 376-0159

**Central California Fellowship of AA:**

(916) 454-1100

**Yolo County Mental Health Services:**

(530) 666-8630

**County of Yolo-Health and Human  
Services Agency:**

(530) 666-8645

## Lake County Campus

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### On Campus

**WCC Lake County Campus**

(707) 995-7901

Monday-Thursday—8:00am-4:30pm

Friday—8:30am-3:00pm

### Off Campus

**Lake County Alcohol and Other Drug  
Service**

(707) 994-6494

[addicted.org/lake-county.html](http://addicted.org/lake-county.html)

## Colusa County Campus

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### Off Campus

**Substance Abuse Services**

(530) 458-0520

[countyofcolusa.org/326](http://countyofcolusa.org/326)

The other resources listed above  
are also available for Colusa County  
students.

## Additional Resources

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### Nationwide Programs

**Mental Health Crisis & Access Line:**

(888) 965-6641/TDD (800) 735-2929

(Toll Free, 24 Hours, 7 Days a week)

**Behavioral Health Access & Crisis Line:**

(888) 965-6647

**Drug Abuse Support Materials**

(301) 443-1124

[drugabuse.gov](http://drugabuse.gov)

**Narcotics Anonymous:**

(800) 600-4673

**California Department of Education,  
Alcohol and Substance Abuse  
Prevention**

[cde.ca.gov/ls/he/at/preventionresguide.  
asp](http://cde.ca.gov/ls/he/at/preventionresguide.asp)





# ACADEMIC REGULATIONS AND INFORMATION

The College reserves the right to change any college rule or regulation, including the arrangement of courses; the requirements for graduation; the requirements for admission, degrees, and fees; and any other regulations affecting the student body. Such changed regulations will govern both old and new students and shall be effective whenever determined by the college. Failure to comply with established rules, regulations, policies, and/or procedures shall result in disciplinary action and may result in dismissal from the college.

**Students who feel they have extenuating circumstances which excuse them from these academic regulations should:**

- Obtain a student petition from the Admissions and Records Office or the Counseling Department.
- Seek the advice and recommendation from a counselor.
- File the completed petition with the Admissions and Records Office for action by the Vice President of Student Services.

## Academic Honor Code

As a student at Woodland Community College, students join a community of scholars committed to excellence in the process of learning and instruction. We assume that students will pursue their studies with integrity and honesty. We uphold the principle of academic integrity, whereby appropriate acknowledgement is given to the contributions of others in any work, through appropriate internal citations and references. It is an individual's responsibility to know what constitutes academic dishonesty. If students fail to maintain the standard of academic integrity as set by the college, they jeopardize their current and future standing in the classroom and as a member of this institution.

## Academic Dishonesty

Plagiarism is defined as the act of representing the work of someone else as your own and submitting it for any purpose. Cheating is the act of obtaining or attempting to obtain credit for academic work through dishonest, deceptive, or fraudulent means.

**Interpretations of academic dishonesty may differ among individuals and groups. However, as a member of the Woodland Community College community, students are expected to refrain from the following activities, which constitute academic dishonesty:**

1. Incorporating the ideas, words, sentences, paragraphs, or parts of another person's writing without giving appropriate credit.
2. Representing another's artistic or scholarly works such as musical compositions, computer programs, photographs, paintings, drawings, or sculptures as your own.
3. Copying, in part or in whole, from someone else's work.
4. Submitting work presented previously in another course, if contrary to the rules of either course.
5. Submitting a paper purchased or copied from any research or essay service, including online services.

**Academic dishonesty also includes the following:**

1. Purposefully allowing another student to copy from your paper during an examination.
2. Consulting with others, using electronic equipment such as cell phones.
3. Using materials not authorized by the instructor during an examination.
4. Giving your homework, essay, or other academic work to another student to plagiarize.
5. Letting another person submit any work in your name.
6. Lying to an instructor or college official to improve your grade.
7. Altering a graded work after it has been returned without instructor consent, then submitting the work for re-grading.
8. Forging signatures on college documents.
9. Altering electronic documents provided by college for student use.

Academic and/or administrative sanctions may be applied in cases of academic dishonesty.

**Academic consequences may include:**

1. Receiving a failing grade on the test paper or exam
2. Having your course grade lowered
3. Receiving an F in the course

**Administrative consequences may include:**

1. Verbal or written reprimand
2. Disciplinary probation
3. Disciplinary suspension
4. Expulsion

Woodland Community College shall maintain a permanent record of students who have engaged in academic dishonesty. This information is used to identify and discipline students who have been reported for academic dishonesty more than once.

**A copy of the Woodland Community College Academic Honor Code and disciplinary procedures are printed in the course catalog, student handbook, and online at [wcc.yccd.edu/student/policies](http://wcc.yccd.edu/student/policies)**

## Academic Renewal without Course Repetition

The Yuba Community College District Governing Board, 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 academic record so they may successfully accomplish an academic goal.

**Academic Renewal is subject to the following conditions:**

- The maximum amount of coursework 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 coursework to be alleviated was recorded.
- The student must have completed at least 12 units in residence in the Yuba Community College District.

- Under no circumstances may coursework 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.
- Coursework granted Academic Renewal status may be counted, if appropriate, toward fulfillment of prerequisites.
- The student’s academic record 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 Vice President of Student Services. 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.

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

## Transfer of Credit

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

All such college transcripts will be evaluated. Only lower-division courses determined to be associate degree level will be accepted for transfer credit. Credit is also allowed for college-level USAFI courses (but not for USAFI GED tests). Credit will also be given for the College-Level Examination Program (CLEP). ([See “Credit for Prior Learning” on page 53](#) for test information)

## Auditing Class

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The Governing Board of the Yuba Community College District 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.
- Auditing is authorized in accordance with AP 4070.
- 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 the 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.
- 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 for on campus courses.
- 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 cancelling classes.
- No transfer from audit to credit status or the reverse will be permitted within the term.
- Audited classes do not count toward units for any purpose, e.g., financial aid, veteran's benefits, full-time student status.

## Catalog Rights

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Students maintaining attendance 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 or in the year they graduate from WCC. 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 is met.

While catalog rights hold degree requirements (except for multicultural and health/PE), they do not apply to changes in prerequisites required in a given course. Prerequisite requirements are those stated in the "Course Descriptions" section of the current catalog. Catalog rights do not apply to the multicultural graduation requirement ([See "Graduation Requirements" on page 62](#)). Classes used to meet the multicultural graduation requirement must have been approved to satisfy the multicultural requirement at the time the class was taken.

## Authority of Instructors

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Every student is to attend class regularly and learn the varying points of view, as given by the instructor, which the coursework may contain to perform in a systematic manner. Faculty may consult with college counselors on students regarding classroom issues, attendance or other academic concerns. 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 Student Code of Conduct, an instructor may remove a student from her or his class for the day of the removal and the next class meeting. The instructor shall immediately report the removal to the President. The President or designee shall initiate a review process to determine whether or not there are sufficient grounds to remove the student permanently from the class.

## Basic Skills Pre-Collegiate Course Limitation

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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 ESOL (English for Speakers of Other Languages) courses AND for students identified by the district 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 WCC in pre-collegiate courses. Consult with a counselor if you are approaching this limit.



## Computer and Network Usage Policy

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The Board of Trustees, in granting access to District computers and networks, expects that employees and students, in their use of these systems, will adhere to legal and ethical standards consistent with the District's mission. The Board hereby directs the administration to develop regulations and procedures setting forth the specific responsibilities and obligations related to use of District 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 employees and students.

## Credit for Prior Learning

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Credit for prior learning may be earned for eligible courses approved by the District for students who satisfactorily pass an authorized assessment. Authorized assessments may include the evaluation of approved external standardized examinations, military service/ training, the evaluation of industry recognized credentials and certifications, student-created portfolios, and credit by examination. Details and petition for CPL may be found on the website at [wcc.yccd.edu/admissions/credit-for-prior-learning/](http://wcc.yccd.edu/admissions/credit-for-prior-learning/) and within Administrative Procedure 4235.

[See "Credit for Prior Learning" on page 53](#)

## Directory Information

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Any currently enrolled or former student of the Yuba Community College District has a right of access to any and all student records relating to his or her student record 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 including weight and height of athletic team members, degrees and awards received by students, including but not limited to; honors, scholarship awards, athletic awards and Dean's List recognition. See Board Policy 5040.

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 may file a request with the Admissions and Records Office.

## Examinations

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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 through the appropriate Dean. Such exceptions will be allowed only in the case of extreme emergency.

## Exemption from Academic Regulations

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A student wishing to claim exemption from any academic regulation of the District must file a written Student Petition with the Student Success Committee.

## Family Educational Rights and Privacy Act (FERPA)

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**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 Community College District (YCCD) receives a request for access.
2. If a student wishes to do so, they should see a counselor to start the process. The student record 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.
3. If this step does not cover the types of records requested, the student should submit to the Vice President of Student Services, a written request that identifies the record(s) they wish to inspect. The Vice President of Student Services 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 the

Vice President of Student Services, the Vice President of Student Services shall advise the student of the correct official to whom the request should be addressed.

4. The right to request the amendment of the student's education records that the student believes are inaccurate or misleading.
5. 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 District discloses educational records without consent to officials of another school in which a student seeks or intends to enroll.
6. Other than the permanent academic Yuba Community College District record, data is kept only as long as it is pertinent.
7. The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.
8. The right to file a complaint with the U.S. Department of Education concerning alleged failures by WCC 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 20202-5920

## Financial Obligations

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Student records will be withheld and all student/alumni privileges canceled in the case of a student failing to meet financial obligations to the District, including failure to pay transcripts, Enrollment Fees, Tuition, Child Care charges; return library materials/pay library fines; return or pay for athletic equipment; meet loan or scholarship fund obligations; return/replace any District equipment for which responsible. Students will not be able to register until all outstanding debts are paid to the District.

## Grades

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Semester grades are permanent and are not changed unless extenuating circumstances are involved. Students who believe there is an error concerning their grade should contact the instructor. If the instructor agrees there is an error in the grade, the instructor will submit a "Change of Grade" to the Admissions and Records Office. If the

instructor does not agree there is an error in the grade and the student wishes to pursue the matter further, the student should meet with the Dean concerning the appeal process. The request for a grade change should be initiated within the semester following the posting of a disputed grade. 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 to the appropriate Vice President of Instruction. Grade appeals shall be made within a two-year period upon completion of the course.

**The Grade Appeal Form is located at:**  
[wcc.yccd.edu/student/student-grievance](http://wcc.yccd.edu/student/student-grievance)

**Students can obtain their grades through Self-Service at:**  
[wcc.yccd.edu/self-service](http://wcc.yccd.edu/self-service)

### Pass/No Pass Grading

In accordance with Title 5 regulations, some courses are offered on a Pass-No Pass 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 for failure to do so. The P/ NP grading is indicated in the course description section of this Catalog, the Schedule of Classes and on [Self-Service](#).

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 "P/NP" option. The student must file the appropriate form with 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. After this date, the grading mode will be final.

The "P" grade symbol will be awarded for work completed at "C" (satisfactory) or better level. Units earned for satisfactory achievement shall be counted in the satisfaction of degree requirements. A grade of "D" or "F" work will result in an "NP" 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.

## Grading System

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	Failed-Withdrawal	0

**FW—Failed-Withdrawal:** A student who has both ceased participating in a course sometime after the last day to withdraw from the course without having achieved a final passing grade, and who has not received district authorization to withdraw from the course due to extenuating circumstances may be assigned an “FW”. Students who receive Financial Aid and receive an “FW” may be subject to a Return to Title IV calculation.

## Other Notations

**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 that 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 Census Date or 30% of term (whichever is less) or 30% deadline of the course for short-term classes.

Full-semester courses officially dropped after the Census Date (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 Admissions and Records Office 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. Students are responsible for processing appropriate official forms prior to the deadlines.

**MW—Military Withdrawal:** Special exemption—requires documentation.

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, contact the Veteran’s Resource Center at (530) 661-5704.

## Temporary Notations

**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 coursework 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.

**Note: 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.

### Grade Point Average (GPA) Computing

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

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 System” on page 47](#) for grade point values).

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

## Honors List

The Honors List, produced at the end of each semester (except Summer Session), 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 P/NP grades). Honors achievement may be noted on the student’s academic record.

## Notification of 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 contact instructors upon returning to make up missed coursework. Call the

Counseling Office for the WCC campus to request the Notification of Emergency Absence.

## Prerequisites/Corequisites

“Prerequisite” means the preparation or previous coursework 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 coursework 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.

“Corequisites” A student may enroll in the corequisite prior to enrolling in the target course or simultaneously with the target course, unless otherwise noted. Corequisites provide the necessary skill or supplementary body of knowledge or laboratory time during the course to help assure success in the course. Concerns about requisites are best resolved with a college counselor or the course instructor prior to the first day of Class. **It is the student’s responsibility to be aware of and comply with the prerequisite regulations.**

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

Students are not allowed to register for any course that has a prerequisite/corequisite without meeting one or more of the following requirements:

- Successful completion of the prerequisite course.
- Appropriate placement score on the Yuba Community College District Placement Examination.
- Requisite Equivalency form with an official grade report or transcript from another college/school showing grade of “C” or better in the prerequisite course attached.
- Requisite Equivalency form with an “In Progress” status under the condition that students will provide a transcript with final grade of “C” or better the Thursday prior to the term start or they will be dropped from the course.



## Policy for Prerequisite Challenge

Course placement is determined by a process in which the student and counselor review all assessment criteria available. Students who wish to petition their recommended placement or the waiver of a prerequisite should be prepared to give evidence or justification why the exemption should be granted. Reasons for seeking a prerequisite challenge may include one or more of the following:

- 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, or
- Prerequisite has not been validated, or
- Prerequisite course is not available.

Check with a counselor or the Admissions and Records Office to obtain the required forms.

Challenges to prerequisites/corequisites should be on the approved form and filed with the Admissions and Records Office.

## Course Repetition

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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.

### (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, ensuring a true and complete academic history.

### (B) Course Repetition without a Substandard Grade:

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

- The college finds there are extenuating circumstances. Extenuating circumstances are verified cases of accidents, illness, or other circumstances beyond the student's control. This is a one-time exception.
- A student may repeat a course because there has been a significant lapse of time since the student previously took the course (no less than three years) when the District has properly established a recency prerequisite for a course or program or another institution of higher education to which the student seeks to transfer has established a recency requirement which the student will not be able to satisfy without repeating the course in question. Grades awarded for courses repeated under this circumstance shall not be counted when calculating a student's grade point average. This is a one-time exception.
- Courses for which repetition is necessary to meet the major requirements of CSU or UC for completion of a bachelor's degree. The District will retain supporting documentation that verifies that the repetition is necessary to meet the major requirements. This is a one-time exception.
- Students may repeat courses listed in the college catalog to meet a legally mandated training requirement as a condition of continued paid or volunteer employment. These repetitions are not limited and are granted based on the college's verification of established legal mandates. Such courses may be repeated for credit, and the grade and units shall be included for purposes of calculating the student's grade point average. The district may claim apportionment each time the student repeats the course.
- Course repetition for disabled students is subject to the course repetition limitation; however, additional repeats may be individually authorized through the 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.

### **(C) Repeatable Courses:**

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

Courses designated as repeatable:

- Intercollegiate athletics where enrollment in the course is limited to no more than four times;
- Cooperative Work Experience courses up to a maximum of 16 units in any combination of Work Experience Occupational/General) and Internship enrollments;
- The course is a portion of a variable unit open entry/open exit course up to the maximum number of units allowed
- Enrollment limitations in courses related in content: Students may not enroll more than four times in any combination of active participatory courses that are related in content. The colleges designate 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, 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.

### **Exceptions:**

In special circumstances, the student may submit a petition for an additional repeat. No state funding (FTES) may be claimed for this additional repeat.

## **Selective Service Registration**

By law, all male citizens must register for selective military service at age 18. The Selective Service Registration Program allows the government to keep an accurate list of names and addresses for young men, 18 through 25 years old. In a national emergency requiring expansion of our Armed Forces, the list would be used to call men for possible military service. By registering all young men, the Selective Service System makes sure a future draft will be fair. If individuals 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 a local post office or online at [www.sss.gov](http://www.sss.gov).

## **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 5 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 Vice President of Student Services prior to invoking action.

### **Academic Probation**

A student who has attempted at least 12 semester units of Yuba Community College District classes as shown by the student's transcript shall be placed on Academic Probation when they have earned a cumulative grade point average of less than 2.0, including only grades earned in this College. Part-time students become subject to these Probation regulations after they have enrolled in an accumulated total of 12 semester units of Yuba Community College District classes.

### **Progress Probation**

A student who has enrolled, beginning fall 1981, in a total of at least 12 semester units of Yuba Community College District 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 Yuba Community College District 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 enrollment as shown on the student’s transcript.

**Procedures And Regulations:** While on the first semester of Academic and/or Progress Probation, the maximum number of units for which a student may register is 16. The counselor may, and often will, reduce this maximum. The maximum is reduced to 12 units for a student who is on a second semester of probation. If, after the end of the semester, it becomes necessary to place the student on Academic or Progress Dismissal, the student will be notified by the Dean of Student Services. An interview must then be scheduled by the student with a counselor. Regulations governing activities of students on Academic or Progress Probation are determined and enforced by the Student Success Committee. For those on Disciplinary Probation, see the provisions of the Yuba Community College District Code of Conduct for Students.

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

A student who feels they have extenuating circumstances with regard to these regulations should see a Counselor and file a petition with the Student Success Committee. The committee may conditionally reinstate a student when the circumstances are justifiable. Justifiable circumstances include accidents, illnesses, changes in working conditions, and other reasons beyond the student’s control.

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

**Note:** *Students receiving financial aid must refer to the current Financial Aid Handbook concerning Probation Status. Students receiving veterans benefits should contact the Veteran 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.*

## Veterans Standard of Progress

A veteran student, who is receiving veteran benefits, and is placed on academic probation, that probation must be reported to the Veterans Administration prior to the commencement of the next semester. In accordance with Woodland Community College’s 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, the college is required to report a termination of benefits directly to the Veterans Administration due to unsatisfactory progress. The Woodland Community College Certifying Official cannot certify a veteran for any class beyond that point. Until the GPA is above a 2.0.

Once the veteran’s 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 veteran’s Certifying Official for assurance that all procedures and requirements have been met.

For more information, contact the Veteran Service Office at (530) 661-5704, Fax: (530) 661-5736.

## Student Definitions

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### 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 (less than 4 units in summer session).
- **Special Part-time Student:** dual enrolled 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 Associate in Arts or Associate in Science, or any higher degree.

### III. Student Definitions

- **Continuing Student:** A student who was enrolled in the previous semester (excluding summer session).
- **New Student:** A student who has never attended any college.
- **Returning Student:** A student who attended YCCD previously, but not during the previous semester (excluding summer session).
- **Transfer Student:** A student who attended another institution prior to applying to YCCD.
- **Returning Transfer Student:** A student who attended a YCCD class, then attended another institution, and plans to attend a YCCD class again.

## Transcripts

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A student may apply for a 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 charged for at the rate of five (\$5) dollars each. Transcripts requested “over the counter” will require a \$10.00 “Rush” fee. Fee subject to change.

Students may print out their own free “unofficial” copy of their transcript through [Self-Service](#) and follow the instructions.

Academic transcripts are not generated for students who withdraw from the College during the first four weeks of a semester or during the first week of summer session or for students enrolled in noncredit or fee courses. When requesting transcripts students should include ID number, name, birth date, name attended under, address, last year in attendance and signature. This can be completed on the Transcript Request form in the Admissions and Records Office or the downloaded form on the [Admissions web page](#).

Transcripts will not be released for students who have holds placed on records for outstanding transcript fees to the College. There is a processing time for all transcript requests. Please see form for more details.



# CREDIT FOR PRIOR LEARNING

Credit for prior learning may be earned for eligible courses approved by the District for students who satisfactorily pass an authorized assessment. Authorized assessments may include the evaluation of approved external standardized examinations, military service/ training, the evaluation of industry recognized credentials and certifications, student-created portfolios, and credit by examination. Details and petition for CPL may be found at [wcc.yccd.edu/admissions/credit-for-prior-learning/](http://wcc.yccd.edu/admissions/credit-for-prior-learning/) and within Administrative Procedure 4235.

## Overview of Assessment Methods

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Students may demonstrate proficiency in a course eligible for Credit for Prior Learning and receive college credit through the approved alternative methods for awarding credit listed below:

- Achievement of a satisfactory score on a high-level International Baccalaureate (IB) examination
- Achievement of a satisfactory score on the College Level Examination Program (CLEP)
- Evaluation of military service/Joint Service Transcripts (JST)
- Evaluation of industry recognized credential documentation
- Evaluation of student-created portfolios
- Satisfactory completion of an institutional examination, known as Credit by Examination, administered by the college in lieu of completion of an active course listed in the current college catalog.

## Eligibility for Credit for Prior Learning

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- The student must be currently enrolled in the semester in which the petition is submitted.
- The student must be in good academic standing in the District.
- The student has earned less than 15 units through credit by examination.
- The course is listed in the current Woodland Community College Catalog
- The student is not currently enrolled in the course to be challenged.
- The student is not currently enrolled in nor received credit for a more advanced course in the same subject.

- Credit by Examination: The student is registered in the District and not currently enrolled in nor received credit for a more advanced course in the same subject (may be waived by department)
- Credits acquired by examination are not applicable to meeting of such unit load requirements as Selective Service deferment, Veterans, or Social Security benefits.
- Credits acquired by examination shall not be counted in determining the 12 semester hours of credit in residence (YCCD) required for an Associate degree.
- Student must have completed at least 12 units from the Yuba Community College District with a GPA 2.0 or higher.
- Student must have approval from the dean and recommendation from the instructor teaching the course to be challenged.

## Approved Assessment Methods

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### College Board Advanced Placement (AP)

The California Community College System, the CSU System, and the UC System all award credit for Advanced Placement (AP) Exams. Yuba Community College District grants credit toward its Associate degrees and CSU GE and IGETC certification patterns to high school students who attain scores of 3, 4, or 5 on the Advanced Placement Examinations of the College Board in accordance with AB 1985.

Students may earn a minimum of 3 semester units of credit for each AP exam satisfactorily passed. The Advanced Placement Program Guide can be found in the Woodland Community College Catalog and will identify how AP exam credit can be applied. See a counselor for specific information regarding AP exam placement and credit awarded. Students intending to transfer to a four-year institution should consult a counselor or the individual university regarding its AP credit policy.

To receive credit, students must submit an official AP transcript to the Admission and Records Office. For information on obtaining a transcript, contact the College Board. Information is available on the web at [www.collegeboard.com](http://www.collegeboard.com).

[See "Credit awarded for Advanced Placement \(AP\) Scores" on page 57](#)

### **College Level Examination Program (CLEP)**

The Yuba Community College District welcomes students from a wide variety of backgrounds and experiences. It is recognized that many students bring with them a depth of knowledge in certain subjects and honor that knowledge by accepting the College-Level Examination Program (CLEP) examinations for credit in appropriate classes. Assuming that an acceptable score is achieved on a CLEP examination, WCC grants credit in the appropriate course(s) or each examination. To receive credit, students must submit an official CLEP transcript to the Admissions and Records Office.

Visit [College Board's College Level Examination Program](#) web page to learn more.

CLEP scores are not accepted for transfer to the University of California and do not apply toward IGETC requirements. Students should be aware that other colleges and universities have the right to accept, modify, or reject the use of CLEP scores towards their graduation requirements. Check with your counselor to determine whether these test results will be accepted at the transfer institution of your choice.

[See "Credit awarded for CLEP Exam Scores" on page 56](#)

### **Military Service/Joint Service Transcripts**

Woodland Community College may award credit for schools and training completed while in the military. Typically, credit awarded is applied only toward the Associate degree, usually as elective units. However, completion of Basic/Recruit Training will meet the Health and Fitness requirement for the Associate degree and will meet Area E requirements for both Associate Degree General Education (GE) and CSU GE. Service members should submit documentation to the Admissions and Records Office for evaluation of credit, have spent at least four months in active service and have a discharge other than dishonorable.

Students may earn semester units for military schooling and training. Credit is awarded for work satisfactorily completed at the lower division baccalaureate and associate degree levels only. Students intending to transfer to a four-year institution should consult with the individual university regarding its military credit policy.

To receive credit, students must submit an official transcript to the Admissions and Records Office. These may include the following: Joint Services Transcript (JST); Sailor/Marine American Council on Education Registry Transcript (SMART); Army and American Council on Education Registry Transcript Service (AARTS); Community College of the Air Force (CCAF) transcript; Coast Guard Institute (CGI) transcript; official transcripts from DANTES/USAFI; Defense Language Institute Foreign language Transcripts (DLIFLC); Defense Manpower Data Center (DMDC) DLPT Examinee Results; DA Form 330 Language Proficiency recorded grade Questionnaire; or verified copies of DD214 or DD295 military records.

### **Industry Recognized Credentials**

Students interested in Credit for Prior Learning using industry recognized credential(s) shall receive credit as recommended by the appropriate department chair or faculty designee:

- The student shall complete the Credit for Prior Learning assessment petition available in the Counseling Department and submits to the Admissions and Records office
- The Admissions and Records office shall grant credit for industry recognized credential(s) that have already been evaluated and approved by the appropriate department chair or faculty designee.
- If an industry recognized credential(s) has not yet been evaluated and approved by the appropriate faculty the student meets with the department chair or faculty designee to receive further instructions for industry recognized credential(s) assessment
- The student submits all industry recognized credential documents to the department chair or faculty designee for assessment of prior learning.
- If the department chair or faculty designee determine the industry certification adequately measures mastery of the course content as set forth in the Course Outline of Record, the appropriate faculty shall sign the petition assigning either letter grade or pass/no pass, attach the industry recognized credential(s), and forward the completed petition and supporting documents to the Admissions and Records Office to be kept on file and recorded on the student transcript.

### **Student-Created Portfolio Assessment**

Students interested in Credit for Prior Learning using a student-created portfolio shall receive credit as recommended by the appropriate department chair or faculty designee under the following circumstances:

- A department approved portfolio assessment rubric for the course is on file.
- The student shall complete the Credit for Prior Learning assessment petition available in the Counseling Department and submit the completed form to the Admissions and Records Office
- The student meets with the department chair or faculty designee to receive further instructions for student-created portfolio assessment.
- The student submits all portfolio documents to the department chair or faculty designee for assessment of prior learning.

If the department chair or faculty designee determine the student-created portfolio adequately measures mastery of the course content as set forth in the Course Outline of Record, the appropriate faculty shall sign the petition assigning letter grade or pass/no pass and forward it to the Admissions and Records Office to be kept on file and recorded on the student transcript.

### Credit by Examination from Within the District

A current, or formerly, enrolled student may take a special examination to earn credit or to meet a prerequisite. If the course is successfully challenged for a credit, a "P" grade (pass) will be awarded. Credit by examination is not applicable to all courses. The Department chair or faculty designee shall determine whether or not a student requesting Credit by Examination is sufficiently well prepared to warrant being given this opportunity. This determination is based upon a review of previous coursework and/or experience.

Students wishing to take a course through Credit by Examination are encouraged to informally discuss the matter with the department chair or faculty designee and instructor prior to initiating the formal process. All steps must be completed in the order listed or the Petition for Credit by Examination shall not be processed. The Petition for Credit by Examination must be completed prior to the end of the current semester or session.

- Credit by Examination is not available to students who have previously received a substandard grade (D, F, FW) in the course they wish to challenge.
- International Students (F-1 Visa) petitioning for Credit by Examination must be full-time, enrolled in 12 or more units (excluding the credit by exam course).
- A course may be challenged only once unless the Dean or the Vice President of Instruction determines the existence of extenuating circumstances.

## Credit awarded for DSST Exams

DANTES Subject Standardized Tests (DSSTs) are exams traditionally offered to military personnel, but are now open to civilians as well, that allow students to earn college credit. They are like CLEP (College Level Examination Placement) exams in this regard, but the structure and offerings differ slightly. DSST exams cover a range of undergraduate-level courses.

	DANTES EXAMS	CREDITS OFFERED	WCC COURSE EQUIVALENT
<b>BUSINESS</b>	Intro to Computing	3	BCA 59
	Business Mathematics	3	GNBUS 56
	Human Resource Management	3	GNBUS 15
	Organizational Behavior	3	GNBUS 35
	Introduction to Business	3	GNBUS 10
	Principles of Finance	3	ACCT 1
<b>HUMANITIES</b>	Intro to World Religions	3	PHIL 20
	Ethics in America	3	PHIL 2
	Principles of Public Speaking	3	SPECH 1
<b>MATH</b>	Fund. College Algebra	3	MATH 52
	Principles of Statistics	3	STAT 1
<b>PHYSICAL SCIENCE</b>	Astronomy	3	ASTRO 1L
	Environmental Science	3	ENVHR 15
<b>SOCIAL SCIENCES</b>	Criminal Justice	3	AJ 10
	Lifespan Development	3	PSYCH 41

## Credit awarded for CLEP Exam Scores

The table below describes how passing CLEP scores translate into college credit at Woodland Community College, and which general education areas they may satisfy.

SUBJECT	EXAM	MINIMUM GRADE FOR CREDIT	CREDIT HOURS AWARDED	COURSE EQUIVALENT
<b>ENGLISH</b>	College Composition	50	6	ENGL 1A + 2 units elective
	College Composition Modular	50	4	ENGL 51
	American Literature	50	3	ENGL 30A
	Analysis & Interpretation of Literature	50	3	ENGL 1B
	English Literature	50	3	ENGL 46A
	Humanities	50	6	HUMAN 10, 11
<b>BUSINESS</b>	Financial Accounting	50	4	ACCT 1
	Information Systems and Computer Applications	50	3	BCA 15
	Introductory Business Law	50	3	GNBUS 18
	Principles of Management	50	3	GNBUS 11
	Principles of Marketing	50	2	GNBUS 13
<b>SCIENCE &amp; MATH</b>	Biology	50	3	BIOL 10L
	Chemistry	50	3	CHEM 10
	Natural Science	50	6	WCC GE Area A
	College Algebra	50	4	MATH 20
	College Mathematics	50	6	MATH 52 or MATH 58
	Pre-Calculus	50	4	MATH 20 + MATH 21
	Trigonometry	50	3	MATH 21
<b>HISTORY &amp; SOCIAL SCIENCE</b>	Humanities	50	6	HUMAN 10, 11
	American Government	50	3	POLSC 1
	History of the US I: Early Colonization to 1877	50	3	HIST 17A
	History of the US II: 1865 to the Present	50	3	HIST 17B
	Human Growth and Development	50	3	PSYCH 41
	Introduction to Psychology	50	3	PSYCH 1A
	Introduction to Sociology	50	3	SOCIL 1
	Principles of Macroeconomics	50	3	ECON 1A
	Principles of Microeconomics	50	3	ECON 1B
	Social Science and History	50	6	ANTHR 1 + ANTHR 2
	Western Civilization I: Ancient Near East to 1648	50	3	HIST 4A
	Western Civilization II (1648 to the Present)	50	3	HIST 4B
<b>WORLD LANGUAGES</b>	Spanish Language Level I	50	4	SPAN 1
	Spanish Language Level II	63	8	SPAN 1 + SPAN 2

Visit the [CSU CLEP web page](#) to find information on how credit is granted for admission and general education. Please note that each campus in the CSU system individually determines how it will apply external examination credit in the major. For more information about CLEP credit, consult a WCC counselor.



## Credit awarded for Advanced Placement (AP) Scores

Yuba Community College District awards credit for AP exam scores of 3 or higher (3, 4, or 5) in accordance with AB 1985:

- WCC Course Credit: credit for a specific course, when applicable (students may not enroll in a course if credit is awarded);
- WCC GE Area: credit for a General Education area;
- WCC Units Given: units of credit awarded

Credit is not awarded until the student has completed 12 units with a 2.0 GPA at Yuba Community College District.

The following table indicates WCC course equivalencies, GE areas, and units awarded for AP Exam scores of 3 or higher (3, 4, or 5). Note that other colleges and universities have different policies concerning Advanced Placement and may not honor this policy. Some specific majors may require a higher cutoff score. Please see a counselor about AP Exam credit within a specific major at four-year universities.

ADVANCED PLACEMENT EXAM	EQUIVALENT COURSE	WCC GE AREA	WCC UNITS GIVEN
Art History	ART 1A	Area C	3
Biology	BIOL 10L	Area A	4
Calculus AB	MATH 1A	Area D2	5
Calculus BC	MATH 1A + 1B	Area D2	9
Chemistry	CHEM 2A	Area A	5
Chinese Language & Culture	3 Area C GE units	Area C	3
Comparative Government & Politics	3 Area B GE units	Area B	3
AP Computer Science A	3 elective units	n/a	3
AP Computer Science B	3 elective units	n/a	3
English Language & Composition	ENGL 1A	Area D1	4
English Literature & Composition	ENGL 1A + 3 Area C GE units	Area D1 + C	7
Environmental Science	ENVHR 15	Area A	4
European History	HIST 4A + 4B	Area B or C	6
French Language & Culture	3 Area C GE units	Area C	8
German Language & Culture	3 Area C GE units	Area C	8
Human Geography	GEOG 2	Area D	3
Italian Language & Culture	3 Area C GE units	Area C	8
Japanese Language & Culture	3 Area C GE units	Area C	8
Latin	3 Area C GE units	Area C	8
Macroeconomics	ECON 1A	Area B	3
Microeconomics	ECON 1B	Area B	3
Music Theory	MUSIC 10	Area C	3
Physics 1	PHYS 1A	Area A	4
Physics 2	PHYS 1B	Area A	4
Physics C mechanics	PHYS 4A	Area A	4
Physics C electricity/magnetism	PHYS 4B	Area A	4
Psychology	PSYCH 1A	Area B	3
Spanish Language and Culture	SPAN 1 and 2	Area C	8
Spanish Literature and Culture	SPAN 20A + 20B	Area C	8
Statistics	STAT 1	Area D2	4
AP Studio Art- 2D Design	3 elective units	n/a	3
AP Studio Art- 3D Design	3 elective units	n/a	3
AP Studio Art- Drawing	ART 4A	n/a	3
U.S. Government & Politics	POLSC 1	Area B	3
U.S. History	HIST 17A + 17B	Area B	6
World History	HIST 5A + 5B	Area B	6

## Credit awarded for International Baccalaureate (IB) Exam Scores

Students may earn credit for International Baccalaureate (IB) Higher Level exams with scores of 5, 6, or 7. IB credit can be used to meet IGETC, CSU GE, and AA/AS general education (GE). Students must have the International Baccalaureate Organization send IB exam results to the Admissions Office (hand-carried copies will not be accepted) for use on the AA/AS or GE patterns.

IB EXAM SCORE EARNED			UNITS EARNED AT WCC	
IB EXAM	LEVEL	MINIMUM IB SCORE	WCC UNITS FOR GE AREA	WCC UNITS TOWARDS ASSOCIATE DEGREE
<b>Biology</b>	HL	5	Area A – Natural Sciences (3 Units)	6 units
<b>Chemistry</b>	HL	5	Area A – Natural Sciences (3 Units)	6 units
<b>Economics</b>	HL	5	Area B – Social Science (3 Units)	6 units
<b>History</b> (any region)	HL	5	Area C – Arts & Humanities or Area B Social Science (3 Units)	6 units
<b>Language A: Literature</b> (any language)	HL	5 <sup>1</sup>	Area C – Arts & Humanities (3 Units)	6 units
<b>Language A1</b> (any language) <i>Prior to F13</i>	HL	5 <sup>1</sup>		
<b>Language A: Language and Literature</b> (any language)	HL	5 <sup>1</sup>	Area C – Arts & Humanities (3 Units)	6 units
<b>Language A</b> (any language) <i>Prior to F13</i>	HL	5 <sup>1</sup>		
<b>Language A</b> (any language except English)	HL <sup>2</sup>	5 <sup>1</sup>	Area C – Arts & Humanities (3 Units)	6 units
<b>Language B</b> (any language except English)	HL <sup>2</sup>	5 <sup>1</sup>	Area C – Arts & Humanities (3 Units)	6 units
<b>Mathematics</b>	HL	5 <sup>1</sup>	Requirement 1 – Critical Thinking (3 Units) and fulfills WCC Math Competency Requirement	6 units
<b>Physics</b>	HL	5	Area A – Natural Science (3 Units)	6 units
<b>Psychology</b>	HL	5	Area B – Social Science (3 Units)	6 units
<b>Theater</b>	HL	5 <sup>1</sup>	Area C – Arts & Humanities (3 Units)	6 units

<sup>1</sup> For CSU, an IB score of 4 or higher may meet this requirement.

<sup>2</sup> The IB curriculum offers language at various levels for native and non-native speakers:

- Language B courses are offered at the intermediate level for non-natives.
- Language A1 and A2 are advanced courses in literature for native and non-native speakers, respectively.

### UNITS EARNED AT CSU AND/OR UC

CSU GE CERTIFICATION AREA UNITS	CSU UNITS TOWARDS TRANSFER	IGETC GE CERTIFICATION AREA UNITS	UC UNITS TOWARDS TRANSFER	UC LIMITATIONS TOWARDS TRANSFER UNITS
Area B2 (3 Units)	6 units	Area 5B (3 Units)	5.3 units	The units granted for IB exams are not counted toward the maximum number of credits required for declaration of a major or the maximum number of units a student may accumulate prior to graduation. Students who enter the UC with IB credit do not have to declare a major earlier than other students, nor are they required to graduate earlier.
Area B1 (3 Units)	6 units	Area 5A (3 Units)	5.3 units	
Area D (3 Units)	6 units	Area 4 (3 Units)	5.3 units	
Area C2 or D (3 Units)	6 units	Area 3B or 4 (3 Units)	5.3 units	
Area C2 (3 Units)	6 units	Area 3B (3 Units)	5.3 units	
Area C2 (3 Units)	6 units	Area 3B (3 Units)	5.3 units	
Area C2 (3 Units)	6 units	Area 3B and 6A (3 Units)	5.3 units	
No GE Area	6 units	Area 6A (3 Units)	5.3 units	
Area B4 (3 Units)	6 units	Area 2A (3 Units)	5.3 units	
Area B1 (3 Units)	6 units	Area 5A (3 Units)	5.3 units	
Area D (3 Units)	6 units	Area 4 (3 Units)	5.3 units	
Area C1 (3 Units)	6 units	Area 3A (3 Units)	5.3 units	

# INFORMATION FOR MILITARY SERVICEMEMBERS & VETERANS

## Servicemembers' Opportunity College

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

## Credit for Prior Learning

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Special academic assistance is provided and credit is granted for educational experience obtained in the Armed Services. Among the types of credit accepted are: College Examinations (CLEP), College Proficiency Examinations (CPEP), Credit for Prior Learning (CPL), United States Armed Forces Institute (USAFI) courses, and on-campus "challenge" examinations.

[See "Credit for Prior Learning" on page 53](#)

## Earning a degree

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Under a Contract for Degree agreement, developed with the College Service members' Counselor, a serviceperson may plan to earn an Associate degree from the College as a result of a variety of learning options with a minimum of only 12 units earned, in any time sequence, at the College.

Information regarding these opportunities may be obtained from any College counselor or from the Veterans Resource Center.

[See "Veterans Resource Center \(VRC\)" on page 22](#)

## Academic Regulations for Servicemembers

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### **Veterans Standard of Progress**

A veteran student, who is receiving veteran benefits, and is placed on academic probation, that probation must be reported to the Veterans Administration prior to the commencement of the next semester. In accordance with Woodland Community College's 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, the college is required to report a termination of benefits directly to the Veterans Administration due to unsatisfactory progress. The Woodland Community College Certifying Official cannot certify a veteran for any class beyond that point. Until the GPA is above a 2.0. — [See full reference on page 51](#)

### **Military Withdrawals**

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. — [See full reference on page 47](#)



# CONSUMER INFORMATION

In accordance with federal regulations set forth by The Higher Education Act of 1965, as amended, the following is a summary of consumer information that must be made available to all students at Woodland Community College. Each topic listed gives a brief description of the information that must be disclosed and explains how it can be obtained. Additional details are available on the Woodland Community College website.

- Family Education Rights and Privacy Act
- Programs and Services Available to Students with Disabilities
- Student Body Diversity
- Textbooks
- Voter Information
- Selective Service
- Accreditation, Transfer of Credit, and Articulation
- Withdrawal
- Return of Aid
- Refunds
- Academic Programs, Instructional Facilities and Laboratories, and Faculty
- Copyright and Piracy
- Constitution Day
- Financial Aid
- Student Outcomes
- Health and Safety
- Discrimination and Harassment Complaint Procedures
- Contact Information

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**FOR HELP IN GETTING ANY OF THE INFORMATION LISTED OR TO OBTAIN A PAPER COPY, PLEASE CONTACT THE [FINANCIAL AID OFFICE](#).**

# GRADUATION REQUIREMENTS

## Commencement

Woodland Community College has a formal graduation ceremony once a year at the end of the Spring semester. Students may petition to graduate in the Fall, Spring, or Summer terms. **Students must apply to graduate** prior to the posted deadlines for each term in order to be considered for graduation. Students must petition to graduate through [Self-Service](#).

Students completing a degree in the Fall semester may participate in commencement ceremonies the following Spring. Students completing a degree in Summer may participate in commencement ceremonies the previous Spring or subsequent Spring. The Summer students who decide to participate the prior Spring must submit their petition to graduate early by the posted deadline to have their name in the commencement program.

Students who are eligible to attend commencement will receive an email about participating in the ceremony from the Dean of Student Services Office prior to the ceremony.



Note: Students must apply to graduate if they wish to have a degree or certificate reflected on their transcripts regardless of their plans to attend the commencement ceremony.

This catalog describes the District's graduation and transfer requirements. Not all degree or transfer requirements can be met at all locations where classes are offered. Students should seek the consultation of a counselor, the schedule of classes, or [Self-Service](#) to determine the type of classes, locations, and frequency of offerings.

Transfer students must have a 2.0 grade point average (GPA) in associate degree level coursework, have a 2.0 GPA in Yuba Community College District associate degree level coursework, and have completed twelve units of associate degree level coursework from Woodland Community College in order to graduate.

Students who desire to graduate may work toward an Associate in Arts, Associate in Science, Associate in Arts for Transfer, or an Associate in Science for Transfer degree. Students who plan to continue their education at a four-year college or university should also plan on completing transfer requirements and should consult a counselor for further information.

Common to both the Associate in Arts and the Associate in Science degrees is a strong general education program which fosters the following philosophy:

General Education in the Yuba Community College District 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 educational 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.

# Degree Course Requirements

Only courses completed by deadlines may be counted toward the degree to be issued for the requested term. ([See "Course Numbering and Transfer of Credits" on page 77](#))

## 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.

#### Reading competency may be met by:

1. Passing English 1A with a "C" or better; OR
2. Passing Reading 70 with "C" or better; OR
3. Achieving a passing score on the reading placement examination; OR
4. Possession of an AA, AS, or higher degree at the time of admission to the District.

**Note:** Students seeking an AA/AS degree should complete the reading competency requirement within the first 30 units of credits earned in the YCCD district or be enrolled in a prerequisite reading course.

#### Writing competency may be met by:

Passing English 1A with "C" or better.

#### Mathematics competency may be met by a "C" or better in:

1. Any mathematics or statistics course that has Math 101 (or Math 50) as a prerequisite; or
2. 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, D2, and E below with a grade of "D" or better.

#### Area A. Natural Science (Select 3 units)

- Agriculture 45, 45L
- Astronomy 1L
- Anthropology 1
- Biology 1, 2, 3, 10L, 12, 15, 24, 25, 30
- Chemistry 2A, 10
- Ecology 10, 10L
- Environmental Horticulture 10, 15
- Geography 1
- Geology 8, 8L, 10L, 11L, 12, 20
- Nutrition 10
- Physical Science 10B, 10C
- Physics 1A, 1B, 4A, 4B,
- Plant Science 20\*, 20L, 22, 22L, 25, 33, 34

*\*This course is only offered at Yuba College*

#### Area B. Social Science (Select 3 units)

- Administration of Justice 10
- Agriculture 5
- Anthropology 2, 3
- Early Childhood Education 3, 18, 31, 42
- Economics 1A, 1B
- Education 15
- Ethnic Studies 1, 2, 6, 7, 11, 15, 17, 20, 21
- Geography 2
- History 4A, 4B, 5A, 5B, 8, 11, 17A, 17B, 29
- Political Science 1, 2, 3
- Psychology 1A, 12, 22, 31, 33, 41, 46
- Sociology 1, 2, 5, 6, 10
- Speech 6, 7, 8, 16

#### Area C. Humanities (Select 3 units)

- Administration of Justice 1
- Art 1A, 1B, 1C, 5
- Early Childhood Education 39
- English 23, 30A, 30B, 31, 36, 37, 38, 42, 46A, 46B
- Ethnic Studies 2, 5, 6, 15, 17, 20, 30
- Humanities 10, 11
- Music 3, 10, 12, 15, 16
- Philosophy 1, 2, 12, 20
- Sign Language 1, 2, 3
- Spanish 1, 2, 20A, 20B
- Speech 2
- Theatre Arts 1, 33, 34

#### Area D. Language & Rationality

##### D1. English Composition (Select 3 units)

- English 1A (met by writing competency)

##### D2. Communication & Analytical Thinking (Select 3 units)

- English 1B, 1C
- General Business 56
- Mathematics 1A, 1B, 9, 15, 20, 21, 25, 52, 58
- Philosophy 12
- Sociology 8
- Speech 1, 3, 6, 7, 8, 13, 14, 15
- 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 Course(s) listed below:
- Administration of Justice 19, 30

- Agriculture 40, 60
- Business Computer Applications 59
- Counseling 10, 25
- Education 1
- Environmental Horticulture 20, 22
- General Business 18, 25
- Health 1
- Physical Education 1 course
- Plant Science 12

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### REQUIREMENT 3:

**All students must complete the designated degree major courses with a grade of “C” or better.**

Majors are listed under [“Certificates & Degrees” on page 80](#)

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### REQUIREMENT 4:

**All students are required to successfully complete one of the following courses:**

- Administration of Justice 40
- Ethnic Studies 21
- Health 1, 13
- Nutrition 10
- Physical Education 10R, 11R

**Note:** Students are exempt from this requirement if they 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.

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

*services are exempted from this requirement.*

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### REQUIREMENT 5:

All students are required to fulfill the **multicultural graduation requirement (MGR)** by completing three or more units from the following courses or the programs listed below with a grade of “D” or better:

- Administration of Justice 19
- Anthropology 2
- Art 5
- ECE 27
- Education 1, 15
- English 36, 38
- Ethnic Studies 1, 2, 5, 6, 11, 15, 17, 20, 21, 30
- Geography 2
- History 5A, 5B
- Human Services 11
- Music 16
- Philosophy 20
- Sociology 5
- Spanish 20A, 20B
- Speech 8

Completion of the following programs also fulfills the requirement: Associate Degree Nursing; Psychiatric Technician; and Radiologic Technology.

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### 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 six 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.

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### REQUIREMENT 7:

All students are required to complete a minimum of twelve semester units with at least a 2.0 (“C”) grade point average in associate degree level classes at Woodland Community College.

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### REQUIREMENT 8:

All students wishing to graduate must file a graduation petition as a Candidate for Graduation by the deadline posted on the WCC website. Deadline dates to apply are around:

- Fall: November 15
- Spring: April 15
- Summer: July 1

For Associates Degree Transfer (ADT) degrees (AA-T or AS-T), the deadlines are as follows to Admissions and Records:

- February 15th: CSU Fall term
- September 15th: CSU Spring term



## Additional Associate Degrees

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

All requirements in a different major from that of the previous associate degree(s) must be satisfied. Students may only earn one degree in a general education major (i.e. Arts & Humanities, Natural Science and Mathematics, Natural Science, Social & Behavioral Sciences). Those students who have earned a general education degree prior to 2008 are not eligible for another general education degree.

All general education requirements go into effect at the time a new degree program begins. After meeting the above conditions, a student may petition for another degree for which they have met the graduation requirements.

Questions regarding this section should be directed to the [Admissions and Records office](#).

## Courses from Other Colleges

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All coursework from other colleges/universities should be turned in for appropriate consolidation with a student's record in a timely manner. Courses from other colleges will be checked for repeats when a student petitions for graduation. At that time, any credit awarded for repeated classes will be coded on the student's academic record.

## Petition to Graduate for Associate Degree Programs

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Students must file a graduate petition by the posted deadline during the term they wish to graduate.

### Petition deadlines are around:

- Fall—November 15
- Spring—April 15
- Summer—July 1

Petitions are to be submitted on Self-Service by the posted deadlines. Send any additional college transcripts from other colleges or universities to the Admissions and Records Office.

An Associate Degree for Transfer (ADT) also includes AA-T and AS-T degrees.

The deadlines to petition for graduation for CSU admission are:

- Fall admission: February 15th
- Spring admission: September 15th

Any student who wishes to receive an Associate degree should consult with a counselor. Counselors will assist in planning courses required to satisfy each degree and all other graduation requirements.

Students who seek a degree in the Associate in Arts or Associate in Science with a specific major are required to complete all courses listed within those majors with a "C" or better grade. After successful completion of major requirements and all graduation requirements ([See "Graduation Requirements" on page 62](#)), degrees will be posted and printed approximately two months after the end of the term in which requirements have been completed.

No coursework for majors may be waived. Equivalent coursework may be substituted with approval and by petition with counselor recommendation. Petitions will be forwarded to the Admissions and Records Office and final approval will be made by the dean.

# PREPARING FOR TRANSFER

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

## How to Find Course Articulations

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[Assist.org](https://www.assist.org) is an online information system that provides students with detailed course transfer and articulation information to help them plan their academic careers, facilitate a seamless transfer process, and reduce the number of redundant courses students may take as they move from community colleges to universities.

The ASSIST database includes all of the most current official articulation agreements that every CSU and UC campus has established with any of the 115 California Community Colleges. ASSIST also includes complete and historical information for all California community colleges, including CSU transferable courses and CSU GE-breadth certification courses.

ASSIST operates as California's official statewide source for course articulation and transfer information and is available to all students, faculty and staff online at [www.assist.org](https://www.assist.org).

## Preparation for Transfer

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### **Preparation for Advanced Standing at Four-year Universities and Colleges**

WCC offers courses similar to those offered in the lower division (first two years) of four-year universities and colleges. Since course requirements for graduation vary between colleges, it is to the student's advantage to choose the university or college to which they plan to transfer as early as possible. This helps to ensure students complete the courses at WCC which best satisfy the lower-division course requirements at their intended college or university. Lower-division course requirements typically include a set of general education courses as well as a sequence of courses in the student's chosen major or field of study.

Students interested in transferring should also be aware of critical application filing periods and procedures. Many universities require applications almost a year in advance. This information, as well as applications to most four-year institutions in California, can be obtained from the Transfer Center and from a WCC counselor.

### **Student Responsibility for Meeting Transfer Requirements**

Students are advised to review a copy of the catalog for their chosen transfer college. Counselors provide assistance, but it is up to each individual student to decide upon an educational goal, take the responsibility for devising a long-range educational plan to achieve this goal, read the college catalog of the transfer college or university of their choice, and then choose the appropriate WCC courses to satisfy the requirements for transfer to that college or university.

## Transfer to Independent Colleges and Universities

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Admission requirements to independent colleges and universities vary. Course transferability and course credit allowed at independent colleges and universities also vary. Students should consult the transfer school's catalog

for specific requirements and transferability or make an appointment with a WCC counselor to clarify admission standards.

# TRANSFER TO UC AND CSU

## Intersegmental General Education Transfer Curriculum (IGETC) for UC & CSU

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The Intersegmental General Education Transfer Curriculum (IGETC) is a general education program which community college transfer students may use to fulfill lower-division general education requirements for almost all schools in either the California State University or University of California system.

[See "Transfer Requirements for UC & CSU" on page 70](#)

Because of its generic nature and agreements between the CSU, the UC, and the community college system, completion of the IGETC to fulfill lower-division general education requirements has become a common path taken by community college students who transfer to a CSU or UC.

Completion of the IGETC, in itself, does not improve eligibility for admission to a CSU or UC or admission to a specific campus or program. The IGETC will permit a student to transfer from a community college to a campus in either the CSU or UC system without the need to take additional lower-division, general education courses to satisfy campus general education requirements. Completion of the IGETC is not a requirement for transfer to a CSU or UC campus nor is it the only way to fulfill the lower-division, general education transfer requirements to a CSU or UC campus.

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

Some students may be better served by taking courses which fulfill the CSU General Education Breadth requirements on [Page 72](#) or those of the UC campus or college to which they plan to transfer. Students pursuing majors that require extensive lower-division major preparation may not find the IGETC option to be advantageous. The IGETC is most useful for students who want to keep their options open before making a final decision about transferring to a particular CSU or UC campus. Some colleges and majors will not accept IGETC. See a counselor for assistance.

All coursework applicable to the IGETC must be completed and certified by the last California community college attended prior to transfer in order to be accepted by CSU and UC admissions offices. Except under special circumstances, certification means that the last community college attended prior to transfer to the UC or CSU campus will verify that the student has completed the IGETC. In addition to the course requirements for each subject area, full certification for the CSU must include completion of the oral communication requirement. For the UC system, oral communication is not required, but the certification must include satisfaction of the foreign language proficiency requirement. All courses must be completed with a grade of "C" or better.

# Transfer to the University of California System

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## Advanced Standing Selection Criteria to the University of California

The University of California makes every effort to provide a place on one of its campuses for all applicants who meet the minimum admission requirements and file an application during the appropriate filing period. In recent years, the number of applicants for some campuses and some majors has far exceeded the number of spaces available. When a campus cannot accept all eligible applicants, it uses standards that are more demanding than the minimum requirements to select students. These criteria are listed below.

### Academic Criteria:

1. Completion of a specified pattern or number of courses that meet general education or breadth requirements.

2. Completion of a specified pattern or number of courses that provide continuity with upper-division courses in the major.
3. GPA in all transferable courses.

### Some colleges may also consider supplemental criteria, such as:

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

# Transfer to the California State University System

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## Lower-Division Requirements

California State University requirements vary slightly from campus to campus and from major to major. Students should consult both the catalog of the state university or campus of their choice and their counselor at WCC for requirements.

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)

The California Education Code, Title 5, Section 40409 provides that up to 70 semester (105 quarter) units of credit, exclusive of any credit granted for military service, may be transferred from a community college to any state university campus. However, students must be certain to select courses at WCC appropriate in the major and to the state university campus which they have selected. When otherwise appropriately selected, all WCC courses numbered 1 through 49 are designed for transfer to a state university.

State law compels all state university campuses to require a minimum of 48 units of general education. Thirty-nine units are usually completed in lower division and the remaining nine units in upper division.

Many four-year institutions require multicultural classes for graduation. Consult a counselor for more information.

## CSU Admission Requirements

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

A considerable number of WCC students transfer to the California State University system. Admission representatives from local CSU campuses visit the Transfer Center on a regular basis. Check with the Center for more detailed information.

## Making Up Missing College Preparatory Courses

To be eligible for admission to the California State University as a freshman, students who enter college must have completed, with grades of "C" or better in:

- ✓ 4 years of high school college preparatory English
- ✓ 4 years of high school college preparatory mathematics
- ✓ 1 year of United States History
- ✓ 1 year of laboratory science
- ✓ 2 years of foreign language
- ✓ 1 year of visual or performing arts
- ✓ 3 years of electives, in addition to meeting the eligibility index.



# Associate Degrees for Transfer to CSU



## Associate Degree for Transfer

*A Degree with a Guarantee.<sup>SM</sup>*

California Community Colleges are now offering associate degrees for transfer (ADT) to the CSU. These may include Associate in Arts for Transfer (AA-T) or Associate in Science for Transfer (AS-T) degrees which are designed to provide a clear pathway to a CSU major and baccalaureate degree. California community college students who are awarded an AA-T or AS-T degree are guaranteed admission with junior standing somewhere in the CSU system and given priority admission consideration to their local CSU campus or to a program that is deemed similar to their community college major. This priority does not guarantee admission to specific majors or campuses.

Students who have been awarded an AA-T or AS-T are able to complete their remaining requirements for the 120-unit baccalaureate degree within 60 semester or 90 quarter units. To view the most current list of Woodland Community College Associate Degrees for Transfer and to find out which CSU campuses accept each degree, visit the [CSU ADT Campus Search web page](#). Current and prospective community college students are strongly encouraged to meet with a counselor to review their options for transfer and to develop an educational plan that best meets their goals and needs. Students must complete all degree applicable coursework with a grade of C or better.

### Associate in Arts for Transfer Degrees

Anthropology A.A.-T .....	<a href="#">Page 104</a>
Child & Adolescent Behavior A.A.-T .....	<a href="#">Page 193</a>
Communication Studies A.A.-T .....	<a href="#">Page 131</a>
Economics A.A.-T .....	<a href="#">Page 148</a>
English A.A.-T .....	<a href="#">Page 153</a>
History A.A.-T .....	<a href="#">Page 175</a>
Law, Public Policy, and Society A.A.-T .....	<a href="#">Page 87</a>
Political Science A.A.-T .....	<a href="#">Page 209</a>
Psychology A.A.-T .....	<a href="#">Page 211</a>
Social Justice Studies A.A.-T .....	<a href="#">Page 192</a>
Sociology A.A.-T .....	<a href="#">Page 215</a>
Spanish A.A.-T .....	<a href="#">Page 218</a>

### Associate in Science for Transfer Degrees

Administration of Justice A.S.-T .....	<a href="#">Page 86</a>
Agriculture Animal Science A.S.-T .....	<a href="#">Page 90</a>
Agriculture Business A.S.-T .....	<a href="#">Page 90</a>
Agriculture Plant Science A.S.-T .....	<a href="#">Page 99</a>
Biology A.S.-T .....	<a href="#">Page 109</a>
Business Administration 2.0 A.S.-T .....	<a href="#">Page 117</a>
Chemistry A.S.-T .....	<a href="#">Page 127</a>
Early Childhood Education A.S.-T .....	<a href="#">Page 141</a>
Geology A.S.-T .....	<a href="#">Page 171</a>
Mathematics A.S.-T .....	<a href="#">Page 197</a>
Nutrition and Dietetics A.S.-T .....	<a href="#">Page 203</a>

### ADT Submission Deadlines

Students must submit their graduation petition to Admissions & Records for CSU admission. Deadline dates are:

- Fall—February 15
- Spring—September 15

# TRANSFER REQUIREMENTS FOR UC & CSU

Last Updated for 2022–2023

## Intersegmental General Education Transfer Curriculum (IGETC)

Completion of all the requirements in the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer from a community college to a campus in either the California State University or the University of California system without the need, after transfer, to take additional lower-division, general education courses. All courses must be completed with grades of “C” or better. Advanced Placement (AP) examinations are appropriate for inclusion on the IGETC pattern.

**CONTACT WCC COUNSELING FOR AN APPOINTMENT AT**  
[WCC.YCCD.EDU/COUNSELING](http://WCC.YCCD.EDU/COUNSELING)

### AREA 1—ENGLISH COMMUNICATION

**CSU REQUIREMENT** Select 3 courses, one from each area

**UC REQUIREMENT** Select 2 courses, one from Area 1A & 1B

#### 1A (Select 1 course)

**ENGL** 1A

#### 1C (Select 1 course)

**SPECH** 1, 3, 6, 7

#### 1B (Select 1 course)

**ENGL** 1B, 1C

### AREA 2—MATHEMATICAL CONCEPTS & QUANTITATIVE REASONING

**3 UNITS**

**UC & CSU REQUIREMENT** Select 1 course

#### 2A (Select 1 course)

**MATH** 1A<sup>†</sup>, 1B, 1C, 2, 3, 9<sup>†</sup>, 20  
**STAT** 1

### AREA 3—ARTS & HUMANITIES 9 UNITS

**UC & CSU REQUIREMENT** Select 1 course from each area

#### 3A—Arts (Select 1 course)

**ART** 1A, 1B, 1C, 5  
**MUSIC** 3, 12, 15, 16  
**THART** 33, 34

#### 3B—Humanities (Select 1 course)

**ENGL** 1B\*, 30A, 30B, 36, 37, 38, 42, 46A, 46B  
**ETHN** 5\*, 6\*, 15, 30\*  
**HIST** 4A<sup>†</sup>, 4B<sup>†</sup>, 5A\*<sup>†</sup>, 5B\*<sup>†</sup>, 8, 11, 17A, 17B, 29  
**HUMAN** 10, 11  
**MUSIC** 15,  
**PHIL** 1, 2, 20  
**SPAN** 20A\*<sup>†</sup>, 20B\*<sup>†</sup>  
**THART** 33

#### Area 3A or 3B (Select 1 course)

**Chosen from 3A or 3B** – that has not already been used to complete 3A or 3B.

## AREA 4—SOCIAL & BEHAVIORAL SCIENCES

9 UNITS

**UC & CSU REQUIREMENT** Select 3 courses from at least 2 different disciplines or an interdisciplinary sequence

### 4A — Social & Behavioral Sciences

**AJ** 1, 19

**ANTHR** 2, 3

**ECE** 3, 31

**ECON** 1A, 1B

**EDUC** 15

**ETHN** 1, 2, 5\*, 6\*, 11, 15, 21, 30\*

**GEOG** 2

**HIST** 5A\*, 5B\*

**POLSC** 1, 2, 3

**PSYCH** 1A, 7, 12, 22, 31, 33, 41, 46

**SOCIL** 1, 2, 5, 6, 8, 10

**SPECH** 8

## AREA 5—PHYSICAL & BIOLOGICAL SCIENCES

9 UNITS

**UC & CSU REQUIREMENT** Select 1 course from each area; at least 1 course must include a laboratory

### 5A—Physical Science

(Select 1 course)

**ASTRO** 1L

**CHEM** 1A†, 1B†, 2A†, 2B†, 10†, 18A, 18B

**GEOG** 1

**GEOL** 8, 10L†, 11L, 12, 20

**PHYS** 1A†, 1B†, 4A†, 4B†, 4C†

### 5B—Biological Science

(Select 1 course)

**AG** 45L

**ANTHR** 1

**BIOL** 1, 2, 3, 4, 5, 6, 10L†, 15†, 24†, 25

**ECOL** 10

**ENVHR** 10, 15

**PLSCI** 20L†, 22L†

### 5C—Lab

(Select 1 course)

**ASTRO** 1L

**BIOL** 1, 2, 3, 4, 5, 6, 10L†, 15†

**CHEM** 1A†, 1B†, 2A†, 2B†, 18A, 18B

**GEOL** 8L, 10L†, 11L

**PHYS** 1A†, 1B†, 4A†, 4B†, 4C†

**PLSCI** 20L†, 22L†

## AREA 6—LANGUAGE OTHER THAN ENGLISH

**UC REQUIREMENT ONLY**

Proficiency equivalent to 2 years of high school study in the same language, or satisfactory AP score ([See Page 57](#))

Or, the following courses at YCCD also will fulfill this requirement. (Note: Please see a counselor for options in fulfilling this requirement.)

### 6A — Language not English

**SIGN** 2, 3

**SPAN** 2, 20A, 20B

## U.S. HISTORY, CONSTITUTION & AMERICAN IDEALS

**CSU REQUIREMENT ONLY**

Select 1 course from each group below

### Group 1—US1 (Select 1 course)

**ETHN** 15

**HIST** 17A, 17B

### Group 2—US 2 & US 3 (Select 1 course)

**POLSC** 1

\* Courses designated with an asterisk may be counted in only one area.

† Courses designated with a dagger indicate that transfer credit is limited by either UC or CSU or both.

# ALTERNATIVE TRANSFER REQUIREMENTS FOR CSU

Last Updated for 2022–2023

## California State University (CSU) General Education Breadth Requirements

*Students are encouraged to see a Woodland Community College counselor to discuss the latest transfer requirements. CSU campuses may have additional lower division graduation requirements outside of General Education (GE).*

**CONTACT A WOODLAND COMMUNITY COLLEGE COUNSELOR FOR ADDITIONAL GE AND MAJOR REQUIREMENTS FOR INDIVIDUAL CAMPUSES AT [WCC.YCCD.EDU/COUNSELING](http://WCC.YCCD.EDU/COUNSELING)**

### AREA A—ENGLISH LANGUAGE COMMUNICATION AND CRITICAL THINKING 9 UNITS

Select 1 course from each area

#### A1—Oral Communication (Select 1 course)

**SPECH** 1, 3, 6, 7

#### A2—Written Communication (Select 1 course)

**ENGL** 1A

#### A3—Critical Thinking (Select 1 course)

**ENGL** 1B, 1C

**PHIL** 12

**SPECH** 3

### AREA B—SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING

9 UNITS

Select 1 course from each area. Courses in Area B3 may also be used in B1 & B2 where applicable

#### B1—Physical Science (Select 1 course)

**ASTRO** 1L

**CHEM** 1A, 1B, 2A, 2B, 10, 14, 18A, 18B

**ECOL** 10

**GEOG** 1

**GEOL** 8, 10L, 11L, 12, 20

**PHYS** 1A, 1B, 4A, 4B, 4C

#### B2—Life Science (Select 1 course)

**AG** 45, 45L

**ANTHR** 1

**BIOL** 1, 2, 3, 4, 5, 6, 10L, 12, 15, 24, 25

**ECOL** 10

**ENVHR** 10, 15

**PLSCI** 20L, 22L, 34

#### B3—Lab (Select 1 course)

**AG** 45L

**ASTRO** 1L

**BIOL** 1, 2, 3, 4, 5, 6, 10L, 15

**CHEM** 1A, 1B, 2A, 2B, 18A, 18B

**ENVHR** 10

**GEOL** 8L, 10L, 11L

**PHYS** 1A, 1B, 4A, 4B, 4C

**PLSCI** 20L, 22L

#### B4—Math/Quantitative Reasoning (Select 1 course)

**MATH** 1A, 1B, 1C, 2, 3, 9, 15, 20, 21

**PSYCH** 7

**STAT** 1

## AREA C—ARTS AND HUMANITIES

9 UNITS

Select at least 1 course from Arts, 1 course from Humanities, plus 1 course from either Arts or Humanities

### C1—Arts (Select 1 course)

**ART** 1A, 1B, 1C, 5  
**HUMAN** 10, 11  
**MUSIC** 3, 12, 15, 16  
**SPECH** 2  
**THART** 33, 34

### C2—Humanities (Select 1 course)

**ECE** 39  
**ENGL** 1B, 30A, 30B, 36, 37, 38, 42, 46A, 46B  
**ETHN** 5, 6, 15, 17, 20, 30  
**HIST** 4A, 4B, 5A, 5B, 8, 11, 17A, 17B, 29  
**HUMAN** 10, 11  
**MUSIC** 12  
**PHIL** 1, 2, 20  
**SPAN** 1, 2, 20A, 20B  
**SPECH** 2

### C1 or C2 (Select 1 course)

**Chosen from C1 or C2** – that has not already been used to complete C1 or C2.

## AREA D—SOCIAL SCIENCES

9 UNITS

Select 3 courses from at least two disciplines

### D (Select 3 courses)

**AJ** 1, 10, 19  
**AG** 5  
**ANTHR** 2, 3  
**ECE** 3, 31  
**ECON** 1A, 1B  
**EDUC** 15  
**ETHN** 1, 2, 5, 6, 11, 15, 17, 20, 21, 30  
**GEOG** 2  
**HIST** 4A, 4B, 5A, 5B, 8, 11, 17A, 17B, 29  
**POLSC** 1, 2, 3  
**PSYCH** 1A, 12, 22, 31, 33, 41, 46  
**SOCIL** 1, 2, 5, 6, 8, 10  
**SPECH** 8

## AREA E—LIFELONG LEARNING AND SELF-DEVELOPMENT

3 UNITS

Select 1 course

### E (Select 1 course)

**COUNS** 10, 25  
**ECE** 3  
**HLTH** 1  
**NUTR** 10  
**PE** 1.27 (1.5 unit maximum)  
**PSYCH** 1A, 12, 31, 33, 41, 46

## AREA F—ETHNIC STUDIES

3 UNITS

Select 1 course

### E (Select 1 course)

**ETHN** 1, 2, 5, 6, 11, 17, 20

## U.S. HISTORY, CONSTITUTION AND AMERICAN IDEALS

6 UNITS

Select 1 course from each group

### Group 1—US1 (Select 1 course)

**ETHN** 15  
**HIST** 17A, 17B

### Group 2—US 2 & US 3 (Select 1 course)

**POLSC** 1



## CSU CHICO ADDITIONAL GRADUATION REQUIREMENTS

### UNITED STATES DIVERSITY

3 units

Select 1 course from below  
(Can be double-counted in the CSU GE-B)

**AJ** 19 – Multicultural Communities and the Justice System  
**ENGL** 36 – American Ethnic Voices  
**ETHN** 1 – Introduction to Chicano Studies  
**ETHN** 6 – History of Race and Ethnicity in America  
**ETHN** 11 – Introduction to Ethnic Studies  
**ETHN** 14 – Asian-American History  
**ETHN** 15 – Mexican American History  
**HUMAN** 11 – Understanding Diverse Populations  
**SOCIL** 5 – Sociology of Race and Ethnicity  
**SPECH** 8 – Intercultural Communication

### GLOBAL CULTURES REQUIREMENT

3 units

Select 1 course from below  
(Can be double-counted in the CSU GE-B)

**ANTHR** 2 – Cultural Anthropology  
**ART** 5 – Art Appreciation  
**HIST** 5A – World Civilization I  
**HIST** 5B – World Civilizations II  
**MUSIC** 16 – World Music  
**PHIL** 20 – World Religions

## CSU SACRAMENTO ADDITIONAL GRADUATION REQUIREMENTS

### RACE AND ETHNICITY

3 units

Select 1 course from below  
(Can be double-counted in the CSU GE-B)

**ENGL** 36 – American Ethnic Voices  
**ETHN** 6 – History of Race and Ethnicity in America  
**ETHN** 11 – Introduction to Ethnic Studies  
**SPECH** 8 – Intercultural Communication

### ENGLISH 20

Select 1 course from below  
(Can be double-counted in Area A3—Critical Thinking)

**ENGL** 1B  
**ENGL** 1C

These courses may “double count” to meet both the CSUS English 20 graduation requirement & Critical Thinking, Area A3.

### FOREIGN LANGUAGE PROFICIENCY

(May be double-counted in the CSU GE-B) May be met by any one of the following:

- Completion of the third year of a foreign language in high school (grade of “C-” or better)
- Graduation from a secondary school where the language of instruction was not English
- Advanced Placement Foreign Language Examination scores of 3, 4, or 5; or
- Completion of two semesters of a foreign language at a community college or university, with a grade of “C-” or better. Proficiency must be demonstrated at a level comparable to second semester (1B level) of college level (i.e. Spanish 2 at Yuba CC.)

#### Exempt Majors:

If you have declared any of the majors below, you are EXEMPT from the Foreign Language Graduation Requirement:

- Business Administration – all concentrations
- Computer Science – all concentrations
- Chemistry – B.S. only
- Engineering – all concentrations
- Health Sciences – all concentrations
- Kinesiology – Exercise Science only
- Nursing – All concentrations
- Physics – B.S. only
- Recreation, Parks, Tourism Administration

# CAREER EDUCATION

Career Education (CE) programs, also known as Career Technical Education (CTE), prepare students to earn a certificate, an associate's degree, or transfer to a 4-year university.

## Certificate Programs

Certificates are designed to prepare students for employment in specific career fields. The total number of units required for each certificate varies by discipline. Students should have basic knowledge in reading, writing, and math to advance in the occupation they select. Woodland Community College's certificates are identified on the Associate Degrees & Certificate page. Course requirements for specific certificates are listed alphabetically by subject under Programs & Courses.

The Certificate of Achievement requires 8-42 units and may be completed in one to two years. Certificates of achievement will appear on a student's transcript of record. Many certificates of achievement can be used to satisfy associate degree major requirements. Interested students should review the degree requirements and supplement certificate courses with appropriate general education courses.

### Requirements for a certificate to be issued are as follows:

1. All coursework must be completed with a "C", "P", "CR", or better grade.
2. A grade point average of 2.0 or higher qualifies students for a certificate once requirements are achieved.
3. At least 6 units or the maximum number of units required for the certificate, whichever is less, must be completed in residence at Woodland Community College.

## Steps for Applying for Certificates

1. Complete all requirements for the certificate as described in the college catalog.
2. Submit a Certificate Petition in Self-Service by the following deadlines:
  - Fall—November 15
  - Spring—April 15
  - Summer—July 1
3. Admissions and Records will review each student's petition for requirements being completed.
4. A letter will be sent notifying the student of the outcome of their petition.

5. After the term has ended the certificates will be posted to records for students who have completed all requirements. (**Note:** Only students who have received Certificates of Achievement will have degrees posted on their transcripts)

## Earn credit for High School CTE courses

Dual enrollment [See "Dual Enrollment of High School Students" on page 25](#) and course articulations

allow students the opportunity to embark in their chosen fields as early as high school. Through the CE Transitions program, WCC coordinates the awarding of college credit to high school students who meet approved articulation agreements. An articulated course is one in which the high school instructor/Regional Occupational Program (ROP) and Woodland Community College faculty have formally agreed that the high school/ROP course outline, syllabus, textbook, and final exam are comparable to those in a course of the same major within Woodland Community College. Students receive credit on a Woodland Community College transcript once the articulation requirements are completed.

Programs listed below have at least one class articulated with secondary institutions, typically a high school in our service area:

- |                              |                                 |
|------------------------------|---------------------------------|
| • Accounting                 | • Business                      |
| • Administration of Justice  | • Business Computer Application |
| • Agriculture Science        | • Early Childhood Education     |
| • Agricultural Business      | • Child Development Teacher     |
| • Environmental Horticulture |                                 |
| • Sustainable Agriculture    |                                 |

Students should check with a college counselor if they have questions about specific classes in which they may have earned college credit courses completed at the secondary level.

For more information about the Career Education programs, contact the Student Outreach and Retention (SOAR) Office ([See Page 20](#)), or see a counselor.

# COURSE INFORMATION

The online schedule of courses and Self-Service provide a listing of courses available. Courses are continuously modified and updated, and may not be offered each term. Students should check with a counselor, the schedule of classes and Self-Service for the most up-to-date availability.

## Requisites

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**“Prerequisite”** means the preparation or previous coursework 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 coursework in a degree or program, or
- Courses in which a prerequisite is necessary for transfer to a four-year college.

**Note:** 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 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. Concerns about requisites are best resolved with a college counselor or the course instructor prior to the first day of class.

For additional information, see [“Academic Regulations and Information” on page 42](#) and [“Prerequisites/Corequisites” on page 48](#).

## Policy for Petitioning or Waiving Course Prerequisites

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Course placement is determined by a process in which the student and counselor review all assessment criteria available. Students who wish to petition their recommended placement or the waiver of a prerequisite should be prepared to give evidence or justification why the exemption should be granted. Reasons for seeking a prerequisite challenge 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 or Admissions and Records to obtain the required forms. Challenges to prerequisites/corequisites shall be on the approved form and filed with Admissions and Records.**

## Keys to Numbers and Listings

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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 summer session, evening, or off-campus programs at any time there is a sufficient number of students available to justify offering the course. Students should consult the online schedule of classes or [Self-Service](#) to determine which courses will be offered during a given semester. Any course listed in the schedule of classes or [Self-Service](#) may be canceled when the enrollment is insufficient to justify offering the class or an instructor is not available.

## Course “97”, “98”, “99”

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These courses are reserved for special topics, independent study, and special project course offerings.

## Course Numbering and Transfer of Credits

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It is imperative that students planning to transfer to a university or four-year college plan their program of study with a counselor as there may be variances in courses accepted at certain universities. The District’s courses are listed within a variety of numbering series as an aid in interpreting the nature of the course, as follows:

### Current Course Numbering Definitions

- 1-49:** Designed as Admissions List courses intended to carry transfer credits to all baccalaureate degree-granting colleges and universities.
- 50-96:** Associate Degree applicable. Not primarily designed for transfer purposes, but taught at the recommended level for acceptable at any college or university offering such corresponding coursework.
- 97-99:** Experimental/independent study.
- 100-199:** Developmental basic skills
- 200-299:** 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.
- 500 Series:** Noncredit courses—sometimes referred to as “Adult Education Courses.”

## Modalities of Courses Offered at Woodland Community College

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### WCC Online Courses

Online learning at WCC is a quality alternative to traditional face-to-face classes. No distinction is made between requirements and expectations for face-to-face courses and online courses—it is simply a different method of instruction.

The college offers courses in several distance education modalities described in AP4105:

- **Fully Online:** A course in which 100% of the instruction and interaction between instructor and student is delivered online asynchronously
- **Online with Flexible In-Person Component:** Online, asynchronous course with in-person/proctored assessment/activities at a flexible time and place
- **Partially Online/Hybrid:** A course that replaces some, but not all, face-to-face or online synchronous class time with asynchronous online instruction
- **Broadcast Education:** A course offered synchronously through 2-way interactive/point-to-point instruction

Online courses require a self-disciplined student—one who is an active learner and does not procrastinate. Courses require participation through frequent online communication with instructors and other students. These courses are best suited for individuals who can manage time and take responsibility for their education.

The student enrolled in an online class should have a solid understanding of Internet browsers (for example, Safari, Microsoft Edge, Chrome or Firefox) and using file attachments and word processing programs. They should also be good problem solvers who are not intimidated by technology.

Online students must have ready access to the Internet. If necessary, students may gain access to the Internet and WCC online courses via the campus open computer lab during regular lab hours. Certain courses may have specific software and class requirements; check with the instructor on log-into Canvas for details.

## Online Student Success

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Online courses are rigorous and require clear commitment by the student. The student will need to be self-disciplined, motivated, well-organized and on-task in order to succeed. Courses require participation through frequent online communication with instructors and other students. These courses are best suited for individuals who can manage time and take responsibility for their education. We strongly encourage students to view the Online Education Tutorials to help prepare for online education.

The student enrolled in an online class should have a solid understanding of Internet browsers (for example, Safari, Microsoft Edge, Chrome, or Firefox) and using file attachments and word processing programs. They should also be good problem solvers who are not intimidated by technology.

## Technical Requirements

Online students must have ready access to the Internet. If necessary, students may gain access to the Internet and WCC online courses via the campus open computer lab during regular lab hours. Certain courses may have specific software and class requirements; check with the instructor on log-into Canvas for details.

## Support for Classes

While taking online courses, students will be able to seek support from several sources:

Technical Assistance: Help Desk: (530) 741-6754

## Online Help

Woodland Community College ensures all DE classes are accessible and compliant with Section 508, as well as Section 504 and the American Disability Act. For students who suspect they may have a disability which may impact accessibility, please contact:

**Department of Supportive Programs & Services (DSPS):**  
(530) 661-5797 or [wccdsps@yccd.edu](mailto:wccdsps@yccd.edu)

## Transferability of WCC Courses/ Articulation of Courses Between Institutions

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Articulation at WCC refers to courses and the process of developing a formal, written, and published agreement that identifies courses (or sequences of courses) on the WCC campus that are comparable or acceptable in lieu of specific requirements at another campus, often called the transfer or target institution. Successful completion of an articulated course assures the student and the faculty that the student has taken the appropriate course, received the necessary instruction and preparation, and that similar outcomes can be assured enabling progression to the next level of instruction at the transfer institution.

Information on current articulated courses can be located at: [www.assist.org](http://www.assist.org)

Course Identification Numbering System (C-ID) provides additional information on articulations with transfer institutions, and can also be found at: [www.assist.org](http://www.assist.org)

## Course Identification Numbering System

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

### C-ID designations can be used in two ways:

1. When a community college course has a C-ID designation, such as C-ID HIST 130, that course can be used in place of any other community college course that has that same C-ID designation for the purpose of fulfilling associate degree major requirements.
2. Additionally, universities can indicate C-ID 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 community college course with the C-ID HIST 130 designation will be accepted to fulfill that requirement.

For more information about C-ID designations and how they can help in finding courses that are appropriate for a student's academic goals, see a college counselor.



# ***ACADEMIC PROGRAMS & COURSES***

Accounting . . . . .	82	Geology . . . . .	171
Administration of Justice . . . . .	86	Health Education . . . . .	174
Agriculture Department . . . . .	90	History . . . . .	175
Anthropology . . . . .	104	Humanities . . . . .	186
Art . . . . .	106	Human Services . . . . .	178
Astronomy . . . . .	108	Interdisciplinary Studies . . . . .	187
Biology . . . . .	109	Learning Assistance . . . . .	194
Business . . . . .	113	Library Science . . . . .	196
Business Computer Applications . . . . .	123	Mathematics . . . . .	197
Chemistry . . . . .	127	Music . . . . .	201
Communication . . . . .	131	Nutrition . . . . .	203
Cooperative Work Experience Education . . . . .	133	Philosophy . . . . .	204
Counseling . . . . .	134	Physical Education . . . . .	206
Culinary Arts . . . . .	135	Physics . . . . .	207
Early Childhood Education . . . . .	139	Plant Science . . . . .	208
Ecology . . . . .	147	Political Science . . . . .	209
Economics . . . . .	148	Psychology . . . . .	211
Education . . . . .	150	Sign Language . . . . .	214
Emergency Medical Technician . . . . .	152	Sociology . . . . .	215
English . . . . .	153	Spanish . . . . .	218
English for Speakers of Other Languages . . . . .	157	Speech . . . . .	219
Environmental Horticulture . . . . .	162	Statistics . . . . .	220
Environmental Technology . . . . .	163	Sustainable Agriculture . . . . .	220
Ethnic Studies . . . . .	166	Theatre Arts . . . . .	221
General Business . . . . .	169	Welding . . . . .	222
Geography . . . . .	170	Work Experience . . . . .	225

# CERTIFICATES & DEGREES

DEPARTMENT	PROGRAMS	AA	AS	TRANSFER	CERT
<b>ACCOUNTING</b>	Accounting		AS		COA
<b>ADMINISTRATION OF JUSTICE &amp; PUBLIC SAFETY</b>	Administration of Justice			AS-T	
	Law Enforcement		AS		
	Emergency Medical Technician Course				
<b>AGRICULTURE</b>	Agriculture Science		AS		
	Agriculture Animal Science			AS-T	
	Agriculture Business			AS-T	COA
	Agriculture Plant Science			AS-T	
	Agriculture Research Technician				COA
	Environmental Horticulture		AS		COA
	Plant Protection				COA
	Sustainable Agriculture				COA
<b>ANTHROPOLOGY</b>	Anthropology			AA-T	
<b>BIOLOGY</b>	Biology			AS-T	
<b>BUSINESS</b>	Business Administration			AS-T	
	Business Information Professional		AS		
	Business Information Worker-Administrative Assistant				COA
	Business Information Worker-Clerical				COA
	Business Management		AS		COA
	Entrepreneurship				COA
	Medical Office Specialist				COA
<b>BUSINESS COMPUTER APPLICATIONS</b>	Business Computer Applications Basics				COC
<b>CHEMISTRY</b>	Chemistry			AS-T	
<b>COMMUNICATION STUDIES</b>	Communication Studies			AA-T	
<b>CULINARY ARTS</b>	Culinary Arts	AA			COA
	Baking				COA
<b>EARLY CHILDHOOD EDUCATION</b>	Child Development Associate Teacher				COA
	Child Development Master Teacher				COA
	Child Development Teacher				COA
	Early Childhood Education		AS	AS-T	
<b>ECONOMICS</b>	Economics			AA-T	
<b>EDUCATION</b>	College Success				COA
	Social Science	AA			
<b>ENGLISH</b>	English			AA-T	
<b>ENVIRONMENTAL TECHNOLOGY</b>	Drinking Water and Wastewater Technology		AS		COA
<b>ETHNIC STUDIES</b>	Chicana/o Studies	AA			
<b>GEOLOGY</b>	Geology		AS	AS-T	

DEPARTMENT	PROGRAMS	AA	AS	TRANSFER	CERT
<b>HISTORY</b>	History			AA-T	
<b>HUMAN SERVICES</b>	Chemical Dependency Counselor		AS		COA
	Human Services		AS		
<b>INTERDISCIPLINARY STUDIES</b>	Arts and Humanities	AA			
	Child & Adolescent Development			AA-T	
	CSU GE Breadth				COA
	IGETC				COA
	Law, Public Policy and Society			AA-T	
	Natural Sciences	AS			
	Pre-Health Occupations	AS			
	Social and Behavioral Sciences	AA			
	Social Science	AA			
<b>LEARN</b>	Basic Academic Skills				COC <sup>2</sup>
<b>MATHEMATICS</b>	Mathematics			AS-T	
<b>NUTRITION</b>	Nutrition & Dietetics			AS-T	
<b>POLITICAL SCIENCE</b>	Political Science			AA-T	
<b>PSYCHOLOGY</b>	Psychology			AA-T	
<b>SOCIAL JUSTICE STUDIES</b>	Social Justice Studies			AA-T	
<b>SOCIOLOGY</b>	Sociology			AA-T	
<b>SPEECH</b>	See Communication Studies				
<b>WELDING</b>	Welding Technologies				COA
	Advanced Welding Technologies				COA

## Associate Degrees & Certificates Abbreviations

- AA—Associate in Arts
- AS—Associate in Science
- AA-T—Associate in Arts for Transfer
- AS-T—Associate in Science for Transfer
- COA—Certificate of Achievement
- COC—Certificate of Completion
- COC<sup>2</sup>—Certificate of Competency
- COT—Certificate of Training

# ACCOUNTING

## DIVISION CONTACT

*Dr. Sandra Fowler*

*Dean of CTE & Workforce Development*

**Office:** (530) 661-5729

**Counseling:** (530) 661-5703

## DEGREES OFFERED

» Accounting (A.S.)

## CERTIFICATES OFFERED

» Accounting (Certificate)

## ACCOUNTING (CERTIFICATE)

### Certificate of Achievement

The Accounting Certificate of Achievement is designed for students who would like to become full-charge bookkeepers. The certificate can also be used as a stepping stone towards the Associate of Science Degree in Accounting. After completing the coursework for this certificate, a student will be able to use introductory managerial accounting concepts to make decisions within a business. They will be able to apply generally accepted accounting principles to record common business transactions, to prepare simple financial statements, and to analyze the results of operations, cash flows, and financial position as reported. Students will learn to use computer technology and applications to record, report, and analyze business transactions and their effects on operating, investing, and financing activities.

### Student Learning Outcomes

**Upon successful completion of this program, students will be able to:**

- ✓ *Demonstrate effective use of technology applicable to the accounting field.*
- ✓ *Create accurate, professional, and appropriate accounting documents and reports for the business entity served.*
- ✓ *Analyze accounting data/information in addressing and evaluating problems and issues in making informed business decisions.*
- ✓ *Compute financial data using accounting concepts and methods to understand, analyze, and communicate issues in quantitative terms.*

### Required Courses for Major

ACCOUNTING (CERTIFICATE)	30.5 TOTAL UNITS
<b>ACCT1</b> Principles of Accounting-Financial .....	4 Units
<b>ACCT2</b> Principles of Accounting-Managerial .....	4 Units
<b>ACCT3</b> Computerized Accounting .....	3 Units
<b>ACCT6</b> Individual Income Taxes-Federal/State .....	4 Units
<b>ACCT9</b> Business Payroll Procedures .....	3 Units
<b>ACCT50</b> General Accounting .....	3 Units
<b>BCA15</b> Business Computer Applications - Beginning .....	3 Units
<b>BCA20</b> Computer Calculation .....	1.5 Units
<b>BCA33</b> Microsoft Excel II .....	1 Units
<b>BCA34</b> Microsoft Excel III .....	1 Units
<b>GNBUS56</b> Business Mathematics .....	3 Units

# ACCOUNTING (A.S.)

## AS: Associate in Science

Accounting is the language of business. The Accounting Associate in Science Degree is designed to prepare students for employment in the fields of accounting and/or bookkeeping. This major is best suited for the student who wishes to pursue secure rewarding positions such as accounting manager, internal auditor, financial analyst, tax accountant, or controller in public accounting firms, corporations, governmental agencies, or not-for-profit organizations. Accounting provides you with the information and experience to make educated decisions in all of your endeavors. Most businesses and organizations depend on in-house or contracted accountants (or both) to measure performance and provide financial information and forecasts. Students will learn the rules and language that govern business. They will learn how to use, interpret, prepare and present financial statements that can be used to assist business planning and decision-making. Students will understand and apply financial analysis techniques. An education in accounting can lead to a position preparing financial statements, balance sheets and tax returns at an accounting/CPA firm, small business, large corporation, financial institution, government agency or any number of organizations. This is also the foundation for four-year college studies in accounting.

## Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Create accurate, professional, and appropriate accounting documents and reports for the business entity served.
- ✓ Compute financial data using accounting concepts and methods to understand, analyze, and communicate issues in quantitative terms.
- ✓ Analyze accounting data/information in addressing and evaluating problems and issues in making informed business decisions.
- ✓ Demonstrate effective use of technology applicable to the accounting field.

## Required Courses for Major

ACCOUNTING (A.S.)	36.5 TOTAL UNITS
ACCT1 Principles of Accounting-Financial . . . . .	4 Units
ACCT2 Principles of Accounting-Managerial . . . . .	4 Units
ACCT3 Computerized Accounting . . . . .	3 Units
ACCT6 Individual Income Taxes-Federal/State . . . . .	4 Units
ACCT9 Business Payroll Procedures . . . . .	3 Units
ACCT50 General Accounting. . . . .	3 Units
BCA15 Business Computer Applications - Beginning . . . . .	3 Units
BCA20 Computer Calculation. . . . .	1.5 Units
BCA33 Microsoft Excel II. . . . .	1 Units
BCA34 Microsoft Excel III . . . . .	1 Units
GNBUS10 Introduction To Business . . . . .	3 Units
GNBUS18 Business Law. . . . .	3 Units
GNBUS56 Business Mathematics. . . . .	3 Units



# ACCOUNTING COURSES

## ACCT1 Principles of Accounting-Financial 4.0 units

**Letter Grade Only — 72 lecture hours**

**Advisories:**

**Computer Literacy**—Recommended basic computer skills

**Mathematics**—Recommended eligibility for MATH52

**Limitations on enrollment:**

Not open for credit to students with credit in ACCT1L

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**Transferable to both UC and CSU**

**C-ID:** ACCT 110

This course introduces the student to the role of accounting in processing and reporting the effects of economic transactions. It examines financial accounting from both the user and preparer perspectives. It teaches how information is processed and reported by the accounting information system as well as how the reports are used by investors and creditors in making decisions. The economic transactions are also analyzed by type of business activity: operating, investing, or financing and their impact on cash flows and profitability for both service and merchandising concerns.

## ACCT1A Principles of Accounting - Financial Lab 0.5 units

**Letter Grade or Pass/No Pass — 27 lab hours**

**Requisites:**

Concurrent enrollment in or satisfactory completion of ACCT1

**Advisories:**

**Language**—Recommended eligibility for ENGL1A

**Mathematics**—Recommended eligibility for MATH52

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**Transferable to both UC and CSU**

**C-ID:** ACCT 110 (ACCT1 + ACCT1A)

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.

## ACCT2 Principles of Accounting-Manual 4.0 units

**Letter Grade Only — 72 lecture hours**

**Requisites:**

Satisfactory completion of ACCT1 or ACCT1L

**Advisories:**

**Computer Literacy**—Recommended basic computer skills

**Mathematics**—Recommended eligibility for MATH52

**Limitations on enrollment:**

Not open for credit to students with credit in ACCT2L

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**Transferable to both UC and CSU**

**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.

## ACCT3 Computerized Accounting 3.0 units

**Letter Grade Only — 45 lecture hours, 27 lab hours**

**Requisites:**

Satisfactory completion of ACCT1 or ACCT50 or ACCT10A or ACCT1L

**Advisories:**

**Computer Literacy**—Recommended basic computer skills

**Language**—Recommended eligibility for ENGL1A

**Mathematics**—Recommended eligibility for MATH52

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**Transferable to CSU only**

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.

**ACCT6 Individual Income Taxes-Federal/State 4.0 units****Letter Grade Only — 72 lecture hours****Requisites:***Satisfactory completion of ACCT1 or ACCT1L***Advisories:***Computer Literacy—Recommended basic computer skills**Mathematics—Recommended eligibility for MATH52*

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**Transferable to CSU only**

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](http://www.ctec.org).

**ACCT9 Business Payroll Procedures 3.0 units****Letter Grade Only — 54 lecture hours**

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**Transferable to CSU only**

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.

**ACCT50 General Accounting 3.0 units****Letter Grade Only — 54 lecture hours****Limitations on enrollment:***Not open for credit to students with credit in ACCT1 or 1L*

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**Not Transferable**

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.

# ADMINISTRATION OF JUSTICE

## DIVISION CONTACT

Dr. Sandra Fowler

Dean of CTE & Workforce Development

Office: (530) 661-5729

Counseling: (530) 661-5703

## DEGREES OFFERED

» Law Enforcement (A.S.)

» Administration of Justice (A.S.-T)

## ADMINISTRATION OF JUSTICE (A.S.-T)

### AS-T: Associate in Science for Transfer

The Associate in Science in Administration of Justice for Transfer (AS-T) degree prepares students for upper division coursework for a bachelor's degree in criminal justice. By design of curriculum, students will be able to describe the individual functions and components of the modern criminal justice system; use introductory concepts of legal research to locate, and discuss the content of statutory and case law; analyze criminology factors that contribute to the cause of criminal behavior, reoccurrence of recidivism, and strategies and practices established for the control of crime. In addition, this program encompasses ethical practices, standards and expectations within the entire criminal justice system.

Proper selection of curriculum electives further allows students to study other academic disciplines, such as chemistry or biology, psychology, sociology, public administration and computer science. For example if you have an interest in forensic anthropology, you may choose chemistry or biology as important electives to consider.

Students are encouraged to review program requirements specific to the CSU or UC educational institution they are planning to attend.

According to SB1440, section 66746, students seeking an AS-T degree are required to complete a minimum of 18 semester units in the major, must fulfill CSU GE-Breadth or IGETC requirements, complete 60 units of CSU transferable coursework, and complete all degree-applicable courses with a C or better.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Effectively use language and non-verbal communication consistent with and appropriate for application in the Criminal Justice System through classroom discussion, exercises and written assignments.
- ✓ Evaluate and analyze information when addressing issues within the criminal justice system, draw reasonable conclusions that encompass criminal law, social expectation and ethical standards through classroom discussion exercises and written assignments.
- ✓ Demonstrate respect and acceptance for differing opinions, feelings and, values of others through the development of listening skills that promote ethical and equitable application of Criminal Law through classroom discussion, exercises and written assignments.

### Required Courses for Major

ADMINISTRATION OF JUSTICE (A.S.-T) 18-19 TOTAL UNITS

Required Core . . . . . 6 Units

**AJ10** Introduction to Criminal Justice System . . . . . 3 Units

**AJ11** Criminal Law . . . . . 3 Units

Area A - Select 6 units from the following . . . . . 6 Units

**AJ13** Evidence . . . . . 3 Units

**AJ14** Criminal Justice Process . . . . . 3 Units

**AJ15** Criminal Investigation . . . . . 3 Units

**AJ19** Multicultural Communities and the Justice System. . . . . 3 Units

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 disci . . . . . 6-7 Units

**AJ1** Ethics In The Criminal Justice System . . . . . 3 Units

**PSYCH1A** General Psychology . . . . . 3 Units

**SOCIL1** Introduction To Sociology . . . . . 3 Units

**STAT1** Introduction To Statistical Methods . . . . . 4 Units

## LAW ENFORCEMENT (A.S.)

### AS: Associate in Science

The Administration of Justice Program at Woodland Community College prepares students for academic success. Students involved in this program are prepared for successful transfer and academic success within CSU and UC academia. Individuals are provided a comprehensive overview of the justice system and shown the versatility available within the career field. Students are coached and mentored in the development of a strategic plan that identifies the necessary steps to achieving their career goals.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ *Effectively use language and non-verbal communication consistent with and appropriate for application in the Criminal Justice System through classroom discussion, exercises and written assignments.*
- ✓ *Demonstrate respect and acceptance for differing opinions, feelings and, values of others through the development of listening skills that promote ethical and equitable application of Criminal Law through classroom discussion, exercises and written assign*
- ✓ *Evaluate and analyze information when addressing issues within the criminal justice system, draw reasonable conclusions that encompass criminal law, social expectation and ethical standards through classroom discussion exercises and written assignments.*

### Required Courses for Major

LAW ENFORCEMENT (A.S.)

18 TOTAL UNITS

Required Courses . . . . . 18 Units

**AJ10** Introduction to Criminal Justice System. . . . . 3 Units

**AJ11** Criminal Law . . . . . 3 Units

**AJ13** Evidence. . . . . 3 Units

**AJ14** Criminal Justice Process . . . . . 3 Units

**AJ15** Criminal Investigation . . . . . 3 Units

**AJ19** Multicultural Communities and the Justice System. . . . . 3 Units

Additional Recommended Courses: AJ20-Juvenile Law and Procedures, AJ21-Narcotics and Drugs, AJ30-Introduction To Corrections

## ADMINISTRATION OF JUSTICE COURSES

**AJ1** Ethics In The Criminal Justice System 3.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Area C**

**Transferable to both UC and CSU**

**CSU GE-Breadth: D**

**IGETC: 4**

Examination of the types and history of ethical theories and development of moral and ethical behavior for criminal justice practitioners. Students learn how to analyze an ethical dilemma and apply this process to contemporary law enforcement issues.

**AJ10** Introduction to Criminal Justice System 3.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours**

**Counts toward WCC Graduation Area B**

**Transferable to both UC and CSU**

**C-ID: AJ 110**

**CSU GE-Breadth: D**

Comprehensive overview of the criminal justice system based on the construct of people in society and how crime can impact and change future actions/outcomes within a group. Topics take a proactive examination of unconscious / implicit bias, opportunities for de-escalation while understanding diverse cultural sensitivities. To guide us through these complexities we look at best practices, ethics, and a commitment to community-oriented public service. The course will focus on historical development of the justice system to illustrate the cause and effect of socioeconomic and personal behavioral barriers. The survey course will also span across the criminal justice system to include law enforcement, court systems, and corrections. Finally, the course will introduce several preventative measures to reduce recidivism.

**AJ11 Criminal Law**

3.0 units

**Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Transferable to both UC and CSU****C-ID: AJ 120**

History, philosophy, and constitutional provisions of criminal law; study of penal code statutes and other statutory and case law applicable to law enforcement, including exploration of crimes against persons and property, public peace, narcotics, and dangerous weapons.

**AJ13 Evidence**

3.0 units

**Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Transferable to CSU only****C-ID: AJ 124**

Origin, development, and philosophy of evidence; 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.

**AJ14 Criminal Justice Process**

3.0 units

**Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Transferable to CSU only****C-ID: AJ 122**

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

**AJ15 Criminal Investigation**

3.0 units

**Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Transferable to CSU only****C-ID: AJ 140**

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

**AJ19 Multicultural Communities and the Justice System**  
3.0 units**Letter Grade Only — 54 lecture hours****Counts toward WCC Graduation Multicultural Graduation Requirement****Transferable to both UC and CSU****C-ID: AJ 160****CSU GE-Breadth: D****IGETC: 4**

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.



**AJ20 Juvenile Law and Procedures**

3.0 units

***Letter Grade Only — 54 lecture hours******Transferable to CSU only***

Organization, function and jurisdiction of juvenile agencies; processing and detention of juveniles; juvenile case disposition; legal statutes, and court procedures.

**AJ40 Physical Agility Readiness & Career Wellness**

3.0 units

***Letter Grade Only — 36 lecture hours, 54 lab hours******Counts toward WCC Graduation Health/PE Graduation Requirement******Transferable to CSU only***

This course is designed to prepare students to perform a battery of physical agility testing as it relates to peace officer standards for the successful completion of an academy and employment as well as maintain a level of wellness throughout their career. Topics include stress management, nutrition, and the necessity of fitness for duty. Students will learn strategies to optimize cut point fitness scores used for evaluating individual performance. Students enrolled in this course are required to participate in all fitness activities in preparation for performing agility and obstacle course exercises.

**AJ208 Investigative Report Writing**

3.0 units

***Letter Grade Only — 54 lecture hours******Advisories:******Language—Recommended eligibility for ENGL1A******Not Transferable***

Investigative report writing for the criminal justice professional relative to law enforcement, probation, correctional institutions, parole activities, and private security services. Includes practical experience in preparing field notes, letters, memorandums, and official administrative reports; the role of reports in civil litigation, criminal prosecution, and the presentation of court testimony. Emphasis will be placed on recognizing the characteristics of good report writing and addressing the common report writing problems, including use of proper criminal justice terminology, grammar, spelling and composition.

# AGRICULTURE DEPARTMENT

## DIVISION CONTACT

*Dr. Sandra Fowler*

*Dean of CTE & Workforce Development*

**Office:** (530) 661-5729

**Counseling:** (530) 661-5703

## DISCIPLINES OFFERED

- » [Agriculture on page 90](#)
- » [Environmental Horticulture on page 96](#)
- » [Plant Science on page 99](#)
- » [Sustainable Agriculture on page 103](#)

## AGRICULTURE

## DEGREES OFFERED

- » Agriculture Science (A.S.)
- » Agriculture Business (A.S.-T)
- » Agriculture Animal Science (A.S.-T)

## CERTIFICATES OFFERED

- » Agriculture Research Technician (Certificate)
- » Agriculture Business (Certificate)

## AGRICULTURE BUSINESS (CERTIFICATE)

### Certificate of Achievement

The Agriculture Business Certificate of Achievement is designed for students interested in working in the area of agricultural related business. Career opportunities in agricultural business may include working in banking, agricultural/farm credit, agricultural insurance, consulting firms, or agricultural product distribution and sales. The agricultural business sector is infused within all aspects of agriculture: across production, processing, distribution, and support opportunities linked to agriculture. In the state of California, agriculture is the #1 commodity which further increases our student's employment opportunities. This certificate is designed to provide students with a solid business foundation related to the agriculture industry, using specific commodity examples that are marketed and sold. This program also prepares students to transfer to an Agriculture Business program at a four-year university. Students who plan to transfer should talk to a counselor or advisor to select appropriate general education and elective courses that will meet the requirements of the chosen university program.

### Student Learning Outcomes

**Upon successful completion of this program, students will be able to:**

- ✓ *Apply the scientific method to understand, critically evaluate, and apply scientific knowledge into applied working skills in the agricultural business industry.*
- ✓ *Apply critical thinking skills to information related to and applied to agricultural business; develop conclusions, and apply sound practices and problem solving during business processes.*

### Required Courses for Major

AGRICULTURE BUSINESS (CERTIFICATE)	15 TOTAL UNITS
<b>AG4</b> Introduction to Agricultural Business . . . . .	3 Units
<b>AG5</b> Agriculture Economics . . . . .	3 Units
<b>AG11</b> Agricultural Accounting . . . . .	3 Units
<b>AG12</b> Computers in Agriculture . . . . .	3 Units
<b>GNBUS18</b> Business Law. . . . .	3 Units

## AGRICULTURE RESEARCH TECHNICIAN (CERTIFICATE)

### Certificate of Achievement

The Agriculture Research Technician Certificate of Achievement combines preparatory coursework in workforce development with major specific topics in plant or soil science, to develop the pathway within agriculture. Students will be able to develop a base set of skills that are required to be successful in the increasingly complex business and production operations in the agriculture industry. Students will be prepared for this high demand industry following completion of coursework spanning research in workforce and careers, agricultural markets and policies, quantifying the value of farm operations, and recognizing the impact of food production and the environment in sustaining life.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Apply the scientific method to understand, critically evaluate, and apply scientific knowledge into applied working skills in the agriculture industry.
- ✓ Apply critical thinking skills to information related to and applied to agriculture production; develop conclusions, and apply sound practices and problem solving during business or production of food.

### Required Courses for Major

AGRICULTURE RESEARCH TECHNICIAN  
(CERTIFICATE) 19 TOTAL UNITS

Required Courses . . . . . 15 Units

**AG5** Agriculture Economics . . . . .3 Units  
**AG60** Preparing for 21st Century Workforce in Agriculture . . .3 Units  
**CHEM2A** Introductory Chemistry . . . . .5 Units  
**MATH52** Intermediate Algebra. . . . .4 Units

Choose one. . . . . 4 Units

**PLSCI20L** Principles of Plant Science . . . . .4 Units  
**PLSCI22L** Introduction To Soils . . . . .4 Units

## AGRICULTURE SCIENCE (A.S.)

### AS: Associate in Science

California Agriculture represents a model of food and fiber production for the rest of the world. Producing over 300 different crops, the agriculture economy generates over \$20 billion on a continued decline of land acres. The program of courses offered in the Agriculture department will prepare students for a variety of occupations in Agriculture, and will prepare students for transfer to higher education institutions.

The Agriculture Science Associate in Science combines 24 major preparation units with the Woodland Community College General Education pattern. Please see a counselor to develop your education plan for this degree.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Describe fundamental care practices for animals, including selection, handling and management.
- ✓ Identify and apply the principles and techniques of modern crop and livestock management
- ✓ Demonstrate scientific evaluation skills including interpreting graphs and data from scientific papers.

### Required Courses for Major

AGRICULTURE SCIENCE (A.S.) 18 TOTAL UNITS

**AG5** Agriculture Economics . . . . .3 Units  
**AG12** Computers in Agriculture . . . . .3 Units  
**AG45L** Principles of Animal Science . . . . .4 Units  
**PLSCI22L** Introduction To Soils . . . . .4 Units  
**PLSCI20L** Principles of Plant Science . . . . .4 Units

## AGRICULTURE ANIMAL SCIENCE (A.S.-T)

### AS-T: Associate in Science for Transfer

The Associate in Science in Agriculture Animal Science for Transfer is intended for students who plan to complete a bachelor's degree in Agriculture Business at a CSU campus. Students completing this degree are guaranteed admission to the CSU system with junior status, but not to a particular campus or major. Students transferring to a CSU campus that does accept this degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree. The Associate in Science in Agriculture Animal Science for Transfer degree requirements (as stated in SB1440 law) requires students to complete the following:

- a minimum of 18 semester in the major or area of emphasis as determined by the community college district.
- 60 semester CSU transferable units
- California State University General Education-Breadth (CSU GE-Breadth) pattern of 39 units; OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern of 37 units.
- Obtainment of a minimum grade point average (GPA) of 2.0.
- Complete all degree-applicable courses with a grade of C or better (or a P).

Students should consult with a counselor for more information on university admission and transfer requirements.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Evaluate and apply scientific knowledge into working skills used in animal sciences.
- ✓ Evaluate agricultural data as it relates to animal production, draw reasonable conclusions, recognize the environmental implications of these conclusions, and apply these conclusions to examples used in industry.

### Required Courses for Major

AGRICULTURE ANIMAL SCIENCE (A.S.-T) 28 TOTAL UNITS

Required Core Courses . . . . . 22 Units

**AG5** Agriculture Economics . . . . .3 Units  
**AG11** Agricultural Accounting . . . . .3 Units  
**AG45L** Principles of Animal Science . . . . .4 Units  
**AG46** Animal Feeds and Nutrition . . . . .3 Units  
**CHEM2A** Introductory Chemistry . . . . .5 Units  
**STAT1** Introduction To Statistical Methods . . . . .4 Units

List A (select 2 courses). . . . . 6 Units

**AG40** Animal Health and Sanitation. . . . .3 Units  
**AG42** Sheep and Goat Science/Production. . . . .3 Units  
**AG43** Beef Cattle Science . . . . .3 Units

## AGRICULTURE BUSINESS (A.S.-T)

### AS-T: Associate in Science for Transfer

The Associate in Science in Agriculture Business for Transfer is intended for students who plan to complete a bachelor's degree in Agriculture Business at a CSU campus. Students completing this degree are guaranteed admission to the CSU system with junior status, but not to a particular campus or major. Students transferring to a CSU campus that does accept this degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree. The Associate in Science in Agriculture Business for Transfer degree requirements (as stated in SB1440 law) requires students to complete the following:

- a minimum of 18 semester in the major or area of emphasis as determined by the community college district.
- 60 semester CSU transferable units California State University General Education-Breadth (CSU GE-Breadth) pattern of 39 units; OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern of 37 units.
- Obtainment of a minimum grade point average (GPA) of 2.0.
- Complete all degree-applicable courses with a grade of C or better (or a P)

Students should consult with a counselor for more information on university admission and transfer requirements.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Students will be competent with evaluation of agricultural data, draw reasonable conclusions, recognize the environmental implications of these conclusions, and apply these conclusions to examples used in industry.
- ✓ Students will critically evaluate, and apply scientific knowledge into working skills applied in the Agriculture field.

### Required Courses for Major

AGRICULTURE BUSINESS (A.S.-T) 26-27 TOTAL UNITS

Required Courses . . . . . 23 Units

**AG5** Agriculture Economics . . . . .3 Units  
**AG11** Agricultural Accounting . . . . .3 Units  
**AG12** Computers in Agriculture . . . . .3 Units  
**ECON1A** Elementary Economics-Macro . . . . .3 Units  
**GNBUS18** Business Law. . . . .3 Units  
**PLSCI22L** Introduction To Soils . . . . .4 Units  
**STAT1** Introduction To Statistical Methods . . . . .4 Units

Select 1 course. . . . . 3-4 Units

**AG4** Introduction to Agricultural Business. . . . .3 Units  
**AG45L** Principles of Animal Science . . . . .4 Units  
**AG42** Sheep and Goat Science/Production. . . . .3 Units  
**AG43** Beef Cattle Science . . . . .3 Units  
**AG46** Animal Feeds and Nutrition . . . . .3 Units  
**ENVHR24** Greenhouse Management. . . . .3 Units  
**PLSCI20L** Principles of Plant Science . . . . .4 Units

## AGRICULTURE COURSES

### **AG4** Introduction to Agricultural Business 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Transferable to both UC and CSU**

**C-ID:** AG-AB 104

Provides a basic understanding of the business and economics of the agricultural industry; an introduction to the economic aspects of agriculture and their implications to 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.

### **AG5** Agriculture Economics 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

*Mathematics—Recommended eligibility for MATH52*

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**Counts toward WCC Graduation Area B**

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**Transferable to both UC and CSU**

**C-ID:** AG-AB 124

**CSU GE-Breadth:** D

The place of agriculture and farming in the economic system; basic economic concepts, and problems of agriculture; pricing and marketing problems, factors of production; and state and federal farm programs affecting the farmer's economic position.

### **AG6** Agricultural Sales and Communication 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

*Mathematics—Recommended eligibility for MATH52*

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**Transferable to CSU only**

**C-ID:** AG-AB 112

The study of principles and practices of the selling process; selling strategies and approaches, why and how people buy, prospecting, territory management, and customer service. Self-management, communication, and interpersonal skills necessary in developing managerial abilities, leadership qualities, and facilitating teamwork within the agribusiness sector will be explored. Students will gain experience through role-play, formal sales presentations, and job shadowing. The course content is organized to give students an in-depth understanding of the factors and influences that affect the agribusiness industry on a day-to-day basis.

### **AG11** Agricultural Accounting 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

*Mathematics—Recommended eligibility for MATH52*

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**Transferable to CSU only**

**C-ID:** AG-AB 128

The study of the principles of agricultural accounting systems and types of records, their use and how to compute and use measures of earnings and cost of production to improve agribusiness efficiency. Farm income tax, Social Security, and employee payroll records also included. Application of these concepts and methods through hands-on projects developing computer-based solutions for agriculture business.



**AG12 Computers in Agriculture****3.0 units****Letter Grade Only — 36 lecture hours, 54 lab hours****Transferable to CSU only****C-ID: AG-AB 108**

Computer use in the workplace with emphasis on agricultural and business applications. Computer applications including word-processing, spreadsheets, databases, and presentation managers will be covered. Also included will be assessing information using the Internet and World Wide Web, telecommunications and introduction to web page design and other software appropriate to agribusiness.

**AG15 Introduction To Agriculture Education and Careers****1.0 unit****Letter Grade Only — 18 lecture hours****Transferable to CSU only**

Introduction to educational and agricultural employment opportunities. Includes portfolio and educational plan development and curriculum requirements that pertain to educational goals as they relate to agriculture majors. Assists students in setting goals and developing skills necessary for life-long success in obtaining, maintaining, and advancing in agriculture careers. Current events that impact agriculture and society will be discussed.

**AG19 Agricultural Leadership Skills****1.0 unit****Pass/No Pass Only — 18 lecture hours****Transferable to CSU only**

Covers meeting preparation and documentation, planning and implementation of organizations, problems and techniques of group dynamics, participation in community and competitive agricultural events. Recommended for agricultural club members and officers; open to all students interested in professional development and leadership activities. Not open to students with credit in AG19R. Grades are P/NP.

**AG20 Agricultural Leadership & Organization****1.0 unit****Pass/No Pass Only — 18 lecture hours****Transferable to CSU only**

Covers parliamentary procedures as applied in professional meetings. Study of group and individual leadership aspects as it applies to community activities. Participation in competitive agricultural speech and leadership conferences. Recommended for agricultural club members and officers; open to all students interested in professional development and leadership activities. Grades are P/NP.

**AG32 Internship****1.0–4.0 units****Pass/No Pass Only — 60–300 lab hours****Transferable to CSU only**

On-the-job training/occupational work experience in Agriculture that coordinates individual career goals with placement at a job site. A maximum of 4 semester units may be earned in one semester. Students enrolling in this class are not eligible for work experience classes or other Internship classes during the same semester. A maximum of sixteen (16) units may be earned in work experience & internship during a students' enrollment within Yuba Community College District. Students must work 75 hours for each unit of paid work experience credit. If a student is performing non-paid volunteer work, one unit may be earned for each 60 hours of training.

**AG40 Animal Health and Sanitation****3.0 units****Letter Grade Only — 54 lecture hours****Counts toward WCC Graduation Area E****Transferable to CSU only**

The study of common livestock disease and fundamentals of immune response as it relates to animal production systems. Focus will be on the role of establishing best practices related to prevention of disease and promotion of animal health, as well as establishing measures of biosecurity and critical control points in a production environment.

**AG42 Sheep and Goat Science/Production 3.0 units****Letter Grade Only — 36 lecture hours, 54 lab hours****Transferable to CSU only**

Survey of the sheep and goat industries; management of commercial, purebred and small farm flocks; selecting, feeding, breeding and basic care of small ruminants plus marketing of sheep, goats and their products.

**AG43 Beef Cattle Science 3.0 units****Letter Grade Only — 36 lecture hours, 54 lab hours****Transferable to both UC and CSU****C-ID:** AG-AS 108 L

Principles and practices of purebred and commercial beef cattle production throughout California, the United States, and the world. Topics include beef cattle breeds, breeding principles, selection, nutrition, environmental management, health, marketing and record keeping to ensure scientifically-based management decisions and consumer product acceptance. Field trips are required.

**AG45 Principles of Animal Science 3.0 units****Letter Grade Only — 54 lecture hours****Limitations on enrollment:***Not open for credit to students with credit in AG45L***Counts toward WCC Graduation Area A****Transferable to both UC and CSU****C-ID:** AG-AS 104**CSU GE-Breadth:** B2**UC-TCA:** UC-S

An overview of the principles of animal science and the interrelationships of domestic animals and humankind. This course will investigate animal anatomy, physiology, reproduction, nutrition, health, products and by-products, as well as behavior and genetics from a scientific perspective. Current topics on influences of humans on genetic potential and productivity will be addressed. Experimental design and reporting, animal dissections, basic animal handling and husbandry practices, recognition of animal health, and use of biotechnology in animal science.

**AG45L Principles of Animal Science 4.0 units****Letter Grade Only — 54 lecture hours, 54 lab hours****Advisories:***Language—Recommended eligibility for ENGL1A***Limitations on enrollment:***Not open for credit to students with credit in AG45***Counts toward WCC Graduation Area A****Transferable to both UC and CSU****C-ID:** AG-AS 104**CSU GE-Breadth:** B2, B3**IGETC:** 5B

An overview of the principles of animal science and the interrelationship of domestic animals and mankind. This course will investigate animal anatomy, physiology, reproduction, nutrition, health, products and by-products, as well as behavior and genetics from a scientific perspective. Current topics on influences of humans on genetic potential and productivity will be addressed. Experimental design and reporting, animal dissections, basic animal handling and husbandry practices, recognition of animal health, and use of biotechnology in animal science will also be addressed.

**AG46 Animal Feeds and Nutrition 3.0 units****Letter Grade Only — 36 lecture hours, 54 lab hours****Transferable to CSU only****C-ID:** AG-AB 132L

Introduction to the feeds and nutrition of farm animals. This course will study digestive anatomy and physiology, composition and selection of feeds, characteristics of nutrients, principles of nutrition, nutrient requirements of ruminant and non-ruminant animals, and formulation of diets to meet these requirements.

**AG60 Preparing for 21st Century Workforce in Agriculture 3.0 units****Letter Grade Only — 54 lecture hours****Counts toward WCC Graduation Area E****Not Transferable**

Learning to critically evaluate and assess the job market and jobs in the future as it relates to agriculture related careers. Students will learn how to identify opportunities and evaluate skills, interests, and identify training and/or education pathways through career explorations.

# ENVIRONMENTAL HORTICULTURE

## DEGREES OFFERED

» Environmental Horticulture (A.S.)

## CERTIFICATES OFFERED

» Environmental Horticulture (Certificate)

## ENVIRONMENTAL HORTICULTURE (CERTIFICATE)

### Certificate of Achievement

California Agriculture represents a model of food and fiber production for the rest of the world. Producing over 300 different crops, the agriculture economy generates over \$20 billion on a continued decline of land acres. The program of courses offered in the Agriculture department will prepare students for a variety of occupations in Agriculture, and will prepare students for transfer to higher education institutions.

Courses in agriculture, environmental horticulture, and plant sciences are designed for total student access. Many courses are available on campus and online. Students completing courses offered by the Agriculture department will gain an appreciation for the interrelationships between agriculture, the environment, world influences, and economic and political pressures.

The Agriculture Department offers A.S. Degrees in Agriculture, and Environmental Horticulture. Certificates of Achievement are awarded to students in the areas of Agricultural Business, Environmental Horticulture, Landscape Design, and Landscape Installation/Maintenance. All of the programs offered by the Agriculture department are designed to focus on individuality of each student; allowing each student to select specific electives to represent their specific interests, career, and educational goals.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Evaluate agricultural data, draw reasonable conclusions, recognize the environmental implications of these conclusions, and apply these conclusions to examples used in industry.

### Required Courses for Major

ENVIRONMENTAL HORTICULTURE (CERTIFICATE) 29 TOTAL UNITS

Required Courses . . . . . 20 Units

**AG32** Internship . . . . . 3 Units

**ENVHR20** Fund of Environmental Horticulture . . . . . 3 Units

**ENVHR21** Plant Propagation . . . . . 3 Units

**ENVHR24** Greenhouse Management . . . . . 3 Units

**PLSCI20L** Principles of Plant Science . . . . . 4 Units

**PLSCI22L** Introduction To Soils . . . . . 4 Units

Select one course (3 units) . . . . . 3 Units

**ENVHR11** Landscape Irrigation . . . . . 3 Units

**ENVHR22** Native CA & Water-Wise Plant Identification . . . . . 3 Units

**PLSCI33** Weed Science . . . . . 3 Units

Electives from Agriculture, Sustainable Agriculture, Environmental Horticulture, or Plant Science . . . . . 6 Units

**AG4** Introduction to Agricultural Business . . . . . 3 Units

**ENVHR10** General Entomology . . . . . 3 Units

**ENVHR22** Native CA & Water-Wise Plant Identification . . . . . 3 Units

**PLSCI12** California Water . . . . . 3 Units

**PLSCI21** Fertilizers and Plant Nutrition . . . . . 3 Units

**PLSCI25** Field and Vegetable Crops . . . . . 3 Units

**PLSCI30** Principles of Pest Management . . . . . 3 Units

**PLSCI32** Plant Protection Materials . . . . . 3 Units

**PLSCI33** Weed Science . . . . . 3 Units

**PLSCI34** Introduction to Plant Pathology . . . . . 3 Units

**OR** ENVHR22 or PLSCI33 if not already selected. . . . . 3 Units

## ENVIRONMENTAL HORTICULTURE (A.S.)

### AS: Associate in Science

California Agriculture represents a model of food and fiber production for the rest of the world. Producing over 300 different crops, the agriculture economy generates over \$20 billion on a continued decline of land acres. The program of courses offered in the Agriculture department will prepare students for a variety of occupations in Agriculture, and will prepare students for transfer to higher education institutions.

Courses in agriculture, environmental horticulture, and plant sciences are designed for total student access. Many courses are available on campus and online. Students completing courses offered by the Agriculture department will gain an appreciation for the interrelationships between agriculture, the environment, world influences, and economic and political pressures.

The Agriculture Department offers A.S. Degrees in Agriculture, and Environmental Horticulture. Certificates of Achievement are awarded to students in the areas of Agricultural Business, Environmental Horticulture, Landscape Design, and Landscape Installation/Maintenance. All of the programs offered by the Agriculture department are designed to focus on individuality of each student; allowing each student to select specific electives to represent their specific interests, career, and educational goals.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Evaluate agricultural data, draw reasonable conclusions, recognize the environmental implications of these conclusions, and apply these conclusions to examples used in industry.

### Required Courses for Major

ENVIRONMENTAL HORTICULTURE (A.S.) 22 TOTAL UNITS

Required Courses . . . . . 13 Units

**ENVHR11** Landscape Irrigation . . . . . 3 Units

**ENVHR20** Fund of Environmental Horticulture . . . . . 3 Units

**ENVHR21** Plant Propagation . . . . . 3 Units

**PLSCI20L** Principles of Plant Science . . . . . 4 Units

Select one course . . . . . 3 Units

**ENVHR22** Native CA & Water-Wise Plant Identification . . . . . 3 Units

**PLSCI33** Weed Science . . . . . 3 Units

Electives from AG, AGSA, ENVHR, or PLSCI . . . . . 6 Units

**AG4** Introduction to Agricultural Business . . . . . 3 Units

**ENVHR10** General Entomology . . . . . 3 Units

**ENVHR24** Greenhouse Management . . . . . 3 Units

**PLSCI12** California Water . . . . . 3 Units

**PLSCI21** Fertilizers and Plant Nutrition . . . . . 3 Units

**PLSCI22L** Introduction To Soils . . . . . 4 Units

**PLSCI25** Field and Vegetable Crops . . . . . 3 Units

**PLSCI30** Principles of Pest Management . . . . . 3 Units

**PLSCI32** Plant Protection Materials . . . . . 3 Units

**PLSCI34** Introduction to Plant Pathology . . . . . 3 Units

**OR** ENVHR22 or PLSCI33 if not already selected. . . . . 3 Units

## ENVIRONMENTAL HORTICULTURE COURSES

**ENVHR10** General Entomology 3.0 units

**Letter Grade Only — 36 lecture hours, 54 lab hours**

**Counts toward WCC Graduation Area A**

**Transferable to both UC and CSU**

**CSU GE-Breadth: B2, B3**

**IGETC: 5B**

Introduction to insects and mites of economic importance to agriculture and human health. Introduction to the general ecology, evolution, and physiology of insects. Covers the morphology, taxonomy, life cycles, hosts, habitat relationships, and control methods of insects of economic importance. Collection, identification, and labeling of specimens will be required. Field trips required.

**ENVHR11** Landscape Irrigation 3.0 units

**Letter Grade Only — 36 lecture hours, 54 lab hours**

**Transferable to CSU only**

**C-ID: AG-EH 144X**

Design, installation and maintenance of a water-efficient landscape irrigation system. Topics include water supply, basic hydraulics, component identification and terminology, system layout, pipe sizing; types of heads, valves, controllers, and practices related to appropriate to sustainable landscapes in California. Laboratory required.

**ENVHR15** Introduction to Environmental Science 3.0 units**Letter Grade Only — 54 lecture hours****Counts toward WCC Graduation Area A****Transferable to both UC and CSU**

CSU GE-Breadth: B2

IGETC: 5B

UC-TCA: UC-S

Introduction to environmental studies with a focus on sustainability. The course will concentrate on the scientific issues relating to the study of environmental science, human impact on the natural environment and the search for solutions. Topics will include human population growth, natural resource use and degradation, and sustainable solutions. Specifically, we will discuss issues centered around use and management of biodiversity, land, air, water, climate, pollution, energy sources, and waste.

**ENVHR20** Fund of Environmental Horticulture 3.0 units**Letter Grade Only — 54 lecture hours****Counts toward WCC Graduation Area E****Transferable to both UC and CSU**

Introduction to the principles of environmental horticulture with emphasis on garden practices, environment and plant growth, pruning, propagation, soils, fertilizers, and greenhouse techniques.

**ENVHR21** Plant Propagation 3.0 units**Letter Grade Only — 36 lecture hours, 54 lab hours****Advisories:**

Language—Recommended eligibility for ENGL1A

**Transferable to both UC and CSU**

C-ID: AG-EH 116 L

Principles and practices in propagating plants: cuttings, budding, grafting, layering, division, separation, and tissue culture. Seed and asexual propagation will be covered, as will contemporary commercial techniques of propagation.

**ENVHR22** Native CA & Water-Wise Plant Identification 3.0 units**Letter Grade Only — 36 lecture hours, 54 lab hours****Counts toward WCC Graduation Area E****Transferable to both UC and CSU**

C-ID: AG-EH 108 L

Introduction to the identification, propagation, preservation, care and ornamental use of landscape and indoor plants that are native to California, or that require little water to grow (water-wise). Field-trips are required.

**ENVHR24** Greenhouse Management 3.0 units**Letter Grade Only — 36 lecture hours, 54 lab hours****Transferable to CSU only**

Management of plant materials in the greenhouse including greenhouse operations, propagation, growth and development, cultural practices, record keeping and marketing.

**ENVHR50** Workshop in Floral Design 1.0 unit**Pass/No Pass Only — 18 lecture hours****Not Transferable**

Elements of design, color, care and handling of floral materials. Six selected arrangements vary from fall to spring semester—projects appropriate to the florist industry. Student must provide a floral knife, wire cutter, scissors and hand towel.

**ENVHR51** Begin Floral Design 1.0 unit**Letter Grade Only — 9 lecture hours, 27 lab hours****Not Transferable**

Introduction to floral design including the principles and elements of design, color theory, preparation, care of flowers and foliage plants, and formation of basic floral arrangements used in industry. Includes applied art principles, cut flower care, handling practices, use of florist tools and materials, pricing of floral products, and use of current floral business technology. Construction of corsages, floral arrangements, and foliage plant items. Student must provide floral knife, wire cutter, and hand towel.



# PLANT SCIENCE

## DEGREES OFFERED

» Agriculture Plant Science (A.S.-T)

## CERTIFICATES OFFERED

» Plant Protection (Certificate)

## AGRICULTURE PLANT SCIENCE (A.S.-T)

### AS-T: Associate in Science for Transfer

The Associate in Science in Agriculture Plant Science for Transfer is intended for students who plan to complete a bachelor's degree in plant science or a related major at a CSU campus. Students completing this degree are guaranteed admission to the CSU system with junior status, but not to a particular campus or major. Students transferring to a CSU campus that does accept this degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree.

The Associate in Science in Plant Science for Transfer degree requirements (as stated in SB1440 law) requires students to complete the following:

- a minimum of 18 semester in the major or area of emphasis as determined by the community college district.
- 60 semester CSU transferable units
- California State University General Education-Breadth (CSU GE-Breadth) pattern of 39 units; OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern of 37 units.
- Obtainment of a minimum grade point average (GPA) of 2.0.
- Earn a grade of "C" or better in all courses required for the major or area of emphasis.

Students should consult with a counselor for more information on university admission and transfer requirements.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ *Demonstrate critical thinking skills related to scientific research and application of data in the plant science industry.*
- ✓ *Develop and apply the scientific method as it relates to problem solving across topics in plant science.*

### Required Courses for Major

#### AGRICULTURE PLANT SCIENCE (A.S.-T)

30 TOTAL UNITS

<b>AG5</b> Agriculture Economics .....	3 Units
<b>CHEM2A</b> Introductory Chemistry .....	5 Units
<b>CHEM2B</b> Introductory Chemistry .....	4 Units
<b>ENVHR20</b> Fund of Environmental Horticulture.....	3 Units
<b>ENVHR21</b> Plant Propagation .....	3 Units
<b>PLSCI20L</b> Principles of Plant Science .....	4 Units
<b>PLSCI22L</b> Introduction To Soils .....	4 Units
<b>STAT1</b> Introduction To Statistical Methods .....	4 Units

## PLANT PROTECTION (CERTIFICATE)

### Certificate of Achievement

The Plant Protection Certificate of Achievement prepares students to design and implement comprehensive integrated pest management programs for private or public entities. Pest Control Advisers (PCA) provide written recommendations for the application of pesticides, as well as providing guidance to farmers for overall plant health. This certificate satisfies the core-course requirements specified for option “3. b” in preparing to take the Pest Control Adviser’s exam with the California Department of Pesticide Regulation. The following courses need to be completed with a 2.0 grade point average or better.

Note: In addition to completing the course work, the Department of Pesticide Regulation requires PCA exam applicants to have completed 24 months of technical work experience before taking the exam. Courses in the program provide hands-on experiences designed to give students a combination of practical skills and technical knowledge. Students who intend to transfer should meet with a counselor or advisor to review lower-division requirements of the college or university they plan to attend.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ *Demonstrate the ability to communicate with clients, assess pest damage for ecological and economic sustainability, determine thresholds and implement IPM practices based on client/crop needs*
- ✓ *Explain and apply basic principles of soils, cation exchange capacity, entomology and botany to horticulture practices and pesticide mode of action.*
- ✓ *Demonstrate application of pesticides in a safe manner, include selecting proper PPE, mixing, calibration and application.*

### Required Courses for Major

PLANT PROTECTION (CERTIFICATE) 45 TOTAL UNITS

Physical & Biological Sciences (choose 12 units) . . . . 12 Units

<b>BIOL1</b> Principles of Biology . . . . .	5 Units
<b>BIOL2</b> General Zoology . . . . .	4 Units
<b>BIOL3</b> General Botany . . . . .	4 Units
<b>BIOL10L</b> General Biology . . . . .	4 Units
<b>BIOL15</b> Bioscience . . . . .	4 Units
<b>BIOL24</b> Human Biology . . . . .	3 Units
<b>BIOL25</b> Human Genetics . . . . .	3 Units
<b>CHEM2A</b> Introductory Chemistry . . . . .	5 Units
<b>CHEM2B</b> Introductory Chemistry . . . . .	4 Units
<b>CHEM10</b> Concepts of Chemistry . . . . .	3 Units
<b>ECOL10</b> Environment-Concepts and Issues . . . . .	3 Units
<b>ENVHR15</b> Introduction to Environmental Science . . . . .	3 Units

Crop Health (choose 9 units) . . . . . 9 Units

<b>ENVHR10</b> General Entomology . . . . .	3 Units
<b>ENVHR11</b> Landscape Irrigation . . . . .	3 Units
<b>ENVHR22</b> Native CA & Water-Wise Plant Identification . . . . .	3 Units
<b>PLSCI12</b> California Water . . . . .	3 Units
<b>PLSCI21</b> Fertilizers and Plant Nutrition . . . . .	3 Units
<b>PLSCI22L</b> Introduction To Soils . . . . .	4 Units
<b>PLSCI34</b> Introduction to Plant Pathology . . . . .	3 Units

Pest Management Systems & Methods (choose 6 units). 6 Units

<b>ENVHR10</b> General Entomology . . . . .	3 Units
<b>PLSCI30</b> Principles of Pest Management . . . . .	3 Units
<b>PLSCI31</b> Introduction To Sustainable Agriculture . . . . .	3 Units
<b>PLSCI32</b> Plant Protection Materials. . . . .	3 Units
<b>PLSCI33</b> Weed Science . . . . .	3 Units
<b>PLSCI34</b> Introduction to Plant Pathology . . . . .	3 Units

Production Systems (choose 6 units) . . . . . 6 Units

<b>AG40</b> Animal Health and Sanitation. . . . .	3 Units
<b>AG42</b> Sheep and Goat Science/Production. . . . .	3 Units
<b>AG43</b> Beef Cattle Science . . . . .	3 Units
<b>AG45</b> Principles of Animal Science . . . . .	3 Units
<b>AG45L</b> Principles of Animal Science . . . . .	4 Units
<b>AG46</b> Animal Feeds and Nutrition . . . . .	3 Units
<b>AGSA11</b> Introduction To Sustainable Food Systems . . . . .	3 Units
<b>ENVHR20</b> Fund of Environmental Horticulture. . . . .	3 Units
<b>ENVHR21</b> Plant Propagation . . . . .	3 Units
<b>ENVHR24</b> Greenhouse Management. . . . .	3 Units
<b>PLSCI20L</b> Principles of Plant Science . . . . .	4 Units
<b>PLSCI25</b> Field and Vegetable Crops. . . . .	3 Units

**Electives:** Select 9 units of additional courses listed above from Crop Health, Pest Management Systems & Methods, or Production Systems. . . . . 9 Units

Internship (3 units required) . . . . . 3 Units

Note: Minimum of 24 months documented work experience is required by Department of Pesticide Regulation to be eligible to sit for the Pest Control Advisor Exam (<http://www.cdpr.ca.gov>)

## PLANT SCIENCE COURSES

### **PLSCI12** California Water 3.0 units

**Letter Grade Only — 54 lecture hours**

**Counts toward WCC Graduation Area E**

**Transferable to CSU only**

This course is an interdisciplinary examination of California's water use and management with an emphasis on historical conflict and politics surrounding water scarcity as it relates to food production. Fundamentals of irrigation applications and measurement systems will be covered, focusing on water management. California's water systems and water quality problems will be discussed.

### **PLSCI20L** Principles of Plant Science 4.0 units

**Letter Grade Only — 54 lecture hours, 54 lab hours**

**Limitations on enrollment:**

*Not open for credit to students with credit in PLSCI20*

**Counts toward WCC Graduation Area A**

**Transferable to both UC and CSU**

**C-ID:** AG-PS 106L

**CSU GE-Breadth:** B2, B3

**IGETC:** 5B, 5C

**UC-TCA:** UC-S

Principles of plant growth including structure, growth processes, propagation, physiology, growth media, and biological competitors. Laboratory topics include microscope use, plant structures internal and external, photosynthesis, respiration and other aspects of plant growth and development.

### **PLSCI21** Fertilizers and Plant Nutrition 3.0 units

**Letter Grade Only — 54 lecture hours**

**Counts toward WCC Graduation Area E**

**Transferable to CSU only**

The study of the composition, value, selection, and use of fertilizer materials and soil amendments within the context of soil, plant, and fertilizer relationships. Organic fertilizers and the current application practices being used in California will be discussed.

### **PLSCI22L** Introduction To Soils 4.0 units

**Letter Grade Only — 54 lecture hours, 54 lab hours**

**Limitations on enrollment:**

*Not open for credit to students with credit in PLSCI22*

**Counts toward WCC Graduation Area A**

**Transferable to both UC and CSU**

**C-ID:** AG-PS 128L

**CSU GE-Breadth:** B2

**IGETC:** 5B, 5C

**UC-TCA:** UC-S

Physical, chemical and biological properties of soils as related to plant growth and soil formation. Including the scientific study and theory of soil development, classification and characteristics; soil use and management including erosion, moisture retention, structure, cultivation, organic matter and microbiology. Focus on scientific methodology, development of hypothesis and experimental results as it relates to soil properties.

### **PLSCI25** Field and Vegetable Crops 3.0 units

**Letter Grade Only — 36 lecture hours, 54 lab hours**

**Counts toward WCC Graduation Area A**

**Transferable to CSU only**

Economic importance, adaptation, cultural practices, irrigation, integrated pest management, cost analysis, calendar of operations, and marketing in the production of field crops (including barley, oats, wheat, corn, alfalfa, rice, dry beans, cotton, and seed crops) and vegetable crops (including tomatoes, peppers, lettuce, and melons). Field trips are required.

### **PLSCI30** Principles of Pest Management 3.0 units

**Letter Grade Only — 54 lecture hours**

**Transferable to CSU only**

Principles of pesticide management including: pesticide laws and regulations; identification and symptoms of plant pests; modes of pesticide action; principles of integrated pest management; non-pesticide pest control; effective and safe use of herbicides, insecticides, fungicides and other crop protection chemicals; and pesticide record keeping. This course will assist students in preparation for the Department of Pesticide Regulations PCA Exam (Category: Pest Management).

**PLSCI31 Introduction To Sustainable Agriculture 3.0 units****Letter Grade Only — 54 lecture hours****Counts toward WCC Graduation Area E****Transferable to both UC and CSU**

Introduction to the history, definitions, concepts, principles, and practices of sustainable agricultural systems. Sustainability topics to be discussed include: organic farming, integrated pest management, holistic resource management, non-organic sustainable agriculture, low-input sustainable agriculture, etc. Local examples of enterprises using sustainable agricultural systems will be discussed.

**PLSCI32 Plant Protection Materials 3.0 units****Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A**Mathematics—Recommended eligibility for MATH52***Transferable to CSU only**

Introduction of the history, laws and regulations, safe and responsible use, toxicology, risks, benefits, and sustainability in the use of horticultural and agricultural chemicals including pesticides, fertilizers, plant growth regulators, defoliants, and antimicrobials. Applied examples will be used to integrate information into agri-chemical management programs. Course is used to prepare students for the State applicator certification test.

**PLSCI33 Weed Science 3.0 units****Letter Grade Only — 36 lecture hours, 54 lab hours****Counts toward WCC Graduation Area A****Transferable to both UC and CSU**

An introduction to the classification, identification, and life cycle of weeds common in California. Weed management practices will be covered including: mechanical, biological, and chemical methods. Herbicide resistance management will also be covered. Collection and labeling of plant specimens as well as field trips are required.

**PLSCI34 Introduction to Plant Pathology 3.0 units****Letter Grade Only — 54 lecture hours****Counts toward WCC Graduation Area A****Transferable to CSU only***CSU GE-Breadth: B2*

This course examines the disease triangle of plant, environment, and pathogen interactions. It covers fungal, bacterial, viral and nematode pathogens and the diseases they cause in agricultural crops. Disease identification and management practices including prevention, cultural, chemical, and biological methods are also discussed.

# SUSTAINABLE AGRICULTURE

## CERTIFICATES OFFERED

» Sustainable Agriculture (Certificate)

## SUSTAINABLE AGRICULTURE (CERTIFICATE)

### Certificate of Achievement

Woodland Community College is located in Yolo County, home to a diverse group of farms and many Community Supported Agriculture (CSA) groups in the Capay Valley. The Woodland Community College Sustainable Agriculture Certificate of Achievement program is designed to engage students in agricultural practices and techniques that promote sustainability. Core courses introduce students to career opportunities and field experiences, while foundation courses in plant and soil science provide students with background information in general agriculture. The major courses in pest management and sustainable food systems emphasize specific approaches to sustainable agriculture and resources linked to energy.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Evaluate agricultural data, draw reasonable conclusions, recognize the environmental implications of these conclusions, and apply these conclusions to examples used in industry.

### Required Courses for Major

SUSTAINABLE AGRICULTURE (CERTIFICATE) 19 TOTAL UNITS

Ag Career Core Courses . . . . . 12 Units

**AG15** Introduction To Agriculture Education and Careers . . . . 1 Units

**AG32** Internship . . . . . 2 Units

**AGSA11** Introduction To Sustainable Food Systems . . . . . 3 Units

**AGSA51** Green Technology Alternative Energy . . . . . 3 Units

**ENVHR15** Introduction to Environmental Science . . . . . 3 Units

Ag Science Breadth Courses (choose one) . . . . . 4 Units

**PLSCI20L** Principles of Plant Science . . . . . 4 Units

**PLSCI22L** Introduction To Soils . . . . . 4 Units

Electives (choose one). . . . . 3 Units

**ENVHR11** Landscape Irrigation . . . . . 3 Units

**PLSCI12** California Water . . . . . 3 Units

**PLSCI30** Principles of Pest Management . . . . . 3 Units

**PLSCI31** Introduction To Sustainable Agriculture . . . . . 3 Units

## SUSTAINABLE AGRICULTURE COURSES

**AGSA11** Introduction To Sustainable Food Systems  
3.0 units

**Letter Grade Only — 54 lecture hours**

**Transferable to CSU only**

Introduction to the study of social sustainability within the US food and agricultural systems, tracing the historical social forces that have shaped the direction of development of the US agri-food system. Principles of agricultural sustainability relating to existing international models of sustainable agri-food systems. Current social, political and economic obstacles to the advancement of more socially and environmentally sustainable food systems and alternatives.

**AGSA51** Green Technology Alternative Energy 3.0 units

**Letter Grade Only — 54 lecture hours**

**Not Transferable**

Survey of green technologies that are considered sustainable or earth friendly. Topics include recycling, water purification, sewage treatment, environmental remediation, solid waste management, and renewable energy. Energy policy, efficiency, conservation, storage, climate change, and demand side management are also examined.



# ANTHROPOLOGY

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## DEGREES OFFERED

»Anthropology (A.A.-T)

## ANTHROPOLOGY (A.A.-T)

### AA-T: Associate in Arts for Transfer

The Associate in Arts in Anthropology for Transfer degree (AA-T in Anthropology) creates a seamless transfer pathway for students who plan to complete a Bachelor of Science in Anthropology at a California State University. With the completion of the AA-T in Anthropology, students will possess foundational knowledge and skill that comprise the core content of the first two years of many four-year programs in Anthropology.

The following is required for all AA-T or AS-T degrees:

- Minimum of 60 CSU-transferable semester units.
- Minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
- Completion of a minimum of 18 semester units in an "AA-T" or AS-T" major as detailed in the transfer section of the catalog. All courses in the major must be completed with a grade of C or better or a "P" if the course is taken on a pass/no pass basis.
- Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Identify and practice key aspects of anthropological research methodology.
- ✓ Identify and discuss major topics relevant to physical anthropology, cultural anthropology, and archaeology.
- ✓ Critically analyze and interpret anthropological data.

### Required Courses for Major

ANTHROPOLOGY (A.A.-T) 19–20 TOTAL UNITS

Required Core . . . . . 13 Units

**ANTHR1** Introduction To Biological Anthropology . . . . . 3 Units

**ANTHR2** Cultural Anthropology. . . . . 3 Units

**ANTHR3** Introduction to Archaeology . . . . . 3 Units

**STAT1** Introduction To Statistical Methods . . . . . 4 Units

Science Elective (choose one) . . . . . 3–4 Units

**BIOL4** Human Anatomy. . . . . 4 Units

**GEOL10L** Physical Geology. . . . . 4 Units

**SOCIL8** Social Science Research Methods . . . . . 3 Units

Culture Elective (choose one). . . . . 3 Units

**ETHN1** Introduction To Chicano Studies . . . . . 3 Units

**ETHN2** Introduction to Native American Studies . . . . . 3 Units

**ETHN5** Introduction to Chicana/o Culture . . . . . 3 Units

**ETHN6** History of Race and Ethnicity in America . . . . . 3 Units

**ETHN15** Mexican-American History . . . . . 3 Units

**HIST5A** World Civilization I. . . . . 3 Units

**HIST5B** World Civilizations II . . . . . 3 Units

# ANTHROPOLOGY COURSES

## **ANTHR1** Introduction To Biological Anthropology 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Counts toward WCC Graduation Area A**

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**Transferable to both UC and CSU**

*C-ID: ANTH 110*

*CSU GE-Breadth: B2*

*IGETC: 5B*

*UC-TCA: UC-S*

Study of human biology, genetics, theory of evolution, primatology, changes in humans through time, human fossil record, human variations today, significance of culture.

## **ANTHR3** Introduction to Archaeology 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Counts toward WCC Graduation Area B**

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**Transferable to both UC and CSU**

*C-ID: ANTH 150*

*CSU GE-Breadth: D*

*IGETC: 4*

*UC-TCA: UC-B*

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 present.

## **ANTHR2** Cultural Anthropology 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Counts toward WCC Graduation Area B**

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**Transferable to both UC and CSU**

*C-ID: ANTH 120*

*CSU GE-Breadth: D*

*IGETC: 4*

*UC-TCA: UC-B*

Diversity of cultures from aspects of universals of language, economics, kinship, art, religion, technology, etc.; functional aspects of culture and cultural change; varieties of customs and institutions of different peoples; significance of human culture.

# ART

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## NO AWARD OFFERED

No Award Offered

## ART COURSES

### ART1A History of Art-I 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

Language—Recommended eligibility for ENGL1A

**Counts toward WCC Graduation Area C**

**Transferable to both UC and CSU**

CSU GE-Breadth: C1

IGETC: 3A

UC-TCA: UC-H

Survey of Art history, painting, sculpture, and architecture; Art from the Paleolithic period through the Early Christian World, including pre-literate art and Pre-Columbian art.

### ART1C History of Art-III 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

Language—Recommended eligibility for ENGL1A

**Counts toward WCC Graduation Area C**

**Transferable to both UC and CSU**

CSU GE-Breadth: C1

IGETC: 3A

UC-TCA: UC-H

Survey of art history: painting, sculpture, photography, and architecture, including a survey of American art; the 19th through the 20th Century.

### ART1B History of Art-II 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

Language—Recommended eligibility for ENGL1A

**Counts toward WCC Graduation Area C**

**Transferable to both UC and CSU**

CSU GE-Breadth: C1

IGETC: 3A

UC-TCA: UC-H

Survey of European Art history, painting, sculpture and architecture from the Middle Ages to the Baroque period.

### ART4A Beginning Drawing 3.0 units

**Letter Grade or Pass/No Pass — 27 lecture hours, 81 lab hours**

**Transferable to both UC and CSU**

An introduction to drawing and composition using various materials. The course will focus on drawings based on observation while utilizing technical abilities and technique as well as creative responses to materials.

**ART4B Intermediate Drawing** 3.0 units

**Letter Grade or Pass/No Pass — 27 lecture hours, 81 lab hours**

**Requisites:**

Satisfactory completion of ART4A

**Transferable to both UC and CSU**

A continuation of concepts and techniques learned in Beginning Drawing while covering numerous global artists and techniques. Composition and concepts will focus on personalized expression and exploration of dry and wet mediums.

**ART5 Art Appreciation** 3.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours**

**Limitations on enrollment:**

Not open for credit to students with credit in HUMAN5

**Counts toward WCC Graduation Area C, Multicultural Graduation Requirement**

**Transferable to both UC and CSU**

CSU GE-Breadth: C1

IGETC: 3A

UC-TCA: UC-H

This course provides a general introduction to art that offers a look at works of art through the study of theory, terminology, themes, design principles, media, techniques, with an introduction to the visual arts across time and diverse cultures.

**ART9A Beginning Painting** 3.0 units

**Letter Grade or Pass/No Pass — 27 lecture hours, 81 lab hours**

**Transferable to both UC and CSU**

C-ID: ARTS 210

Introduction to the principles, elements, and practices of painting. Focus on painting materials, perceptual skills and color theory, paint mixing and technique, as well as creative response to materials and subject matter.

**ART9B Intermediate Painting** 3.0 units

**Letter Grade Only — 27 lecture hours, 81 lab hours**

**Transferable to both UC and CSU**

Continued exploration of painting media and techniques. Emphasis on painting from life.

**ART11 Mural Painting** 3.0 units

**Letter Grade Only — 27 lecture hours, 81 lab hours**

**Advisories:**

Mathematics—Recommended eligibility for MATH52

**Transferable to both UC and CSU**

Studio course focused on the actual creation of a large mural. Students will design the composition, prepare the wall, and produce the mural.

# ASTRONOMY

## DIVISION CONTACT

*Dr. Shannon Reed*

*Dean of Arts & Sciences*

**Office:** (530) 661-5719

**Counseling:** (530) 661-5703

## NO AWARD OFFERED

No Award Offered

## ASTRONOMY COURSES

### **ASTRO11L** Introduction To Astronomy With Lab 4.0 units

**Letter Grade Only — 54 lecture hours, 54 lab hours**

#### **Advisories:**

*Language—Recommended eligibility for ENGL1A*

*Mathematics—Recommended eligibility for MATH52*

#### **Limitations on enrollment:**

*Not open for credit to students with credit in ASTRO1*

#### **Counts toward WCC Graduation Area A**

#### **Transferable to both UC and CSU**

*CSU GE-Breadth: B1, B3*

*IGETC: 5A, 5C*

*UC-TCA: UC-S*

Survey of the solar system, stars, galaxies, history, and tools of astronomy, cosmology, and exploration of space. Laboratory covers the study and interpretation of astronomical observations through the use of prepared astronomy exercises, the use of telescopes or computer simulations of telescopes, naked eye observation of celestial bodies, and laboratory activities using various quantitative measuring devices.



# BIOLOGY

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## DEGREES OFFERED

»Biology (A.S.-T)

## BIOLOGY (A.S.-T)

### AS-T: Associate in Science for Transfer

The Associate in Science in Biology for Transfer (AS-T) degree at Woodland Community College prepares students for transfer in biology and related majors in the CSU system. This degree is intended for students who wish to transfer to a California State University to complete a Bachelor's Degree in Biology. The Associate in Science in Biology for Transfer (AS-T) degree will provide students with the preparation in general education and major specific courses to be prepared for Bachelor's level coursework. Students who earn a Bachelor's degree in biology are prepared for advanced degrees, or to enter employment opportunities as laboratory technologists, x-ray and respiratory technologists, physical therapists, physicians, nurses, and researchers in the medical field; as foresters, wildlife and fisheries biologists, field ecologists, ethnobiologists, botanists, entomologists, and others in field biology and ecology; as veterinary technicians, researchers, and doctors in veterinary medicine; as agronomists, plant pathologists, enologists, and pest management specialists in agriculture.

The Associate Degree for Transfer student completion requirements are:

- Completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
- A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
- Obtainment of a minimum grade point average of 2.0.
- Earn a "C" or better or P (Pass) in all courses required in the major.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Using examples, apply evolutionary theory to an understanding of the unity and diversity of life.
- ✓ Analyze data/information in addressing and evaluating problems and issues in making decisions.
- ✓ 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.
- ✓ Understand the purpose of scientific inquiry and the implications and applications of basic scientific principles.

### Required Courses for Major

BIOLOGY (A.S.-T) 35-36 TOTAL UNITS

Required Core . . . . . 23 Units

**BIOL1** Principles of Biology . . . . . 5 Units

**BIOL2** General Zoology . . . . . 4 Units

**BIOL3** General Botany . . . . . 4 Units

**CHEM1A** General Chemistry I . . . . . 5 Units

**CHEM1B** General Chemistry II . . . . . 5 Units

Math Requirement: Choose one course . . . . . 4-5 Units

**MATH1A** Single Variable Calculus I -- Early Transcendentals . . . 5 Units

**MATH9** Calculus for Business, Social and Life Sciences . . . . . 4 Units

Physics Requirement: Choose Option 1 or 2 . . . . . 8 Units

**OPTION 1** 8 UNITS

**PHYS1A** General Physics I . . . . . 4 Units

**PHYS1B** General Physics II . . . . . 4 Units

**OPTION 2** 8 UNITS

**PHYS4A** Mechanics . . . . . 4 Units

**PHYS4B** Electromagnetism . . . . . 4 Units

# BIOLOGY COURSES

## BIOL1 Principles of Biology

5.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours, 108 lab hours**

### Requisites:

Satisfactory completion of CHEM1A and MATH52

### Advisories:

**Computer Literacy**—Recommended basic computer skills

**Language**—Recommended eligibility for ENGL1A

### Counts toward WCC Graduation Area A

### Transferable to both UC and CSU

**C-ID:** BIOL 190

**CSU GE-Breadth:** B2, B3

**IGETC:** 5B, 5C

**UC-TCA:** UC-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, reproduction, enzymes, fermentation, respiration, photosynthesis, molecular genetics, heredity, and evolution.

## BIOL2 General Zoology

4.0 units

**Letter Grade or Pass/No Pass — 36 lecture hours, 108 lab hours**

### Requisites:

Satisfactory completion of BIOL15, or MATH52 and BIOL1 (BIOL 1 may be taken concurrently with BIOL15) Concurrent enrollment in or satisfactory completion of BIOL1

### Advisories:

**Language**—Recommended eligibility for ENGL1A

### Counts toward WCC Graduation Area A

### Transferable to both UC and CSU

**C-ID:** BIOL 150

**CSU GE-Breadth:** B2, B3

**IGETC:** 5B, 5C

**UC-TCA:** UC-S

Applies the concepts introduced in Biology 1 to the study of animals and evolution. Animal topics include: patterns of diversity and classification, anatomy and physiology, development and sexual reproduction. Evolution topics include speciation, macro- and microevolution, adaptation to environmental and social challenges, and natural selection. Designed for biology majors and related fields, but open to all qualified students.

## BIOL3 General Botany

4.0 units

**Letter Grade Only — 36 lecture hours, 108 lab hours**

### Requisites:

Satisfactory completion of BIOL15, or MATH52 and BIOL1

### Advisories:

**Language**—Recommended eligibility for ENGL1A

### Counts toward WCC Graduation Area A

### Transferable to both UC and CSU

**C-ID:** BIOL 155

**CSU GE-Breadth:** B2, B3

**IGETC:** 5B, 5C

**UC-TCA:** UC-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. Populations, community, and ecosystems dynamics of higher plants will be emphasized. Designed primarily for biology majors and related fields but open to all qualified students.

## BIOL4 Human Anatomy

4.0 units

**Letter Grade Only — 36 lecture hours, 108 lab hours**

### Requisites:

Satisfactory completion of BIOL1 or BIOL15

### Advisories:

**Computer Literacy**—Recommended basic computer skills

**Language**—Recommended eligibility for ENGL1A

### Transferable to both UC and CSU

**C-ID:** BIOL 110B

**CSU GE-Breadth:** B2, B3

**IGETC:** 5B, 5C

**UC-TCA:** UC-S

An introduction to the gross and microscopic structure of the human body with an emphasis on the anatomy and interrelationship between structure and function of the tissues, organs and organ systems. Human cadaver and/or mammalian specimen dissection required.

**BIOL5 Human Physiology**

4.0 units

**Letter Grade Only — 36 lecture hours, 108 lab hours****Requisites:***Satisfactory completion of BIOL1 or BIOL15***Advisories:***Computer Literacy—Recommended basic computer skills***Transferable to both UC and CSU***C-ID: BIOL 120B**CSU GE-Breadth: B2, B3**IGETC: 5B, 5C**UC-TCA: UC-S*

An introduction to the physiological principles, function, integration and homeostasis of the human body at the cellular, tissue, organ, organ system and organism levels. Includes physiological topics within the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems.

**BIOL6 Introductory Microbiology**

4.0 units

**Letter Grade Only — 36 lecture hours, 108 lab hours****Requisites:***Satisfactory completion of BIOL1 or BIOL15***Advisories:***Language—Recommended eligibility for ENGL1A***Transferable to both UC and CSU***CSU GE-Breadth: B2, B3**IGETC: 5B, 5C**UC-TCA: UC-S*

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.

**BIOL7 Introduction to Biodiversity, Ecology, and Evolution**  
5.0 units**Letter Grade Only — 54 lecture hours, 108 lab hours****Requisites:***Satisfactory completion of BIOL1***Advisories:***Language—Recommended eligibility for ENGL1A***Limitations on enrollment:***Not open for credit to students with credit in BIOL2 or BIOL3***Counts toward WCC Graduation Area A****Transferable to CSU Only***C-ID: BIOL 140; part of BIOL 130S*

This course includes a survey of the biology and diversity of organisms and examines the basic principles governing evolution of organisms and interactions between organisms and the environment. The course emphasizes classification, structure and function of organisms, ecological principles, and mechanisms of evolution. Course is suitable for Biology majors and can be taken as an alternative to both BIOL 2 (General Zoology) and BIOL 3 (General Botany).

**BIOL10L General Biology**

4.0 units

**Letter Grade Only — 54 lecture hours, 54 lab hours****Advisories:***Language—Recommended eligibility for ENGL1A***Limitations on enrollment:***Not open for credit to students with credit in BIOL10***Counts toward WCC Graduation Area A****Transferable to both UC and CSU***CSU GE-Breadth: B2, B3**IGETC: 5B, 5C**UC-TCA: UC-S*

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.

**BIOL12 Marine Biology**

3.0 units

**Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A**Mathematics—Recommended eligibility for MATH52***Limitations on enrollment:***Not open for credit to students with credit in ECOL12***Counts toward WCC Graduation Area A****Transferable to both UC and CSU***CSU GE-Breadth: B2*

Introduction to the biology and natural history of marine organisms. Basic scientific principles, classification, ecology, behavior, and evolution of marine organisms are explored in relation to their environment. The impact of human populations on marine ecosystems and ocean resources is also addressed.

**BIOL15 Bioscience**

4.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours, 54 lab hours****Advisories:***Computer Literacy—Recommended basic computer skills***Counts toward WCC Graduation Area A****Transferable to both UC and CSU***CSU GE-Breadth: B2, B3**IGETC: 5B, 5C**UC-TCA: UC-S*

Introduction to the unifying principles of biology including the chemistry of life, cell structure and function, energy, genetics, evolution, and organismal structure.

**BIOL24 Human Biology**

3.0 units

**Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Counts toward WCC Graduation Area A****Transferable to both UC and CSU***CSU GE-Breadth: B2**IGETC: 5B**UC-TCA: UC-S*

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.

**BIOL25 Human Genetics**

3.0 units

**Letter Grade Only — 54 lecture hours****Counts toward WCC Graduation Area A****Transferable to both UC and CSU***CSU GE-Breadth: B2**IGETC: 5B**UC-TCA: UC-S*

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.

**BIOL30 Emerging Infections and the History of Infectious Disease**

3.0 units

**Letter Grade Only — 54 lecture hours****Counts toward WCC Graduation Area A****Transferable to both UC and CSU**

Designed for non-science majors. This course examines current biological threats to societies including emerging and re-emerging diseases (such as AIDS and avian flu) and the release of infectious bio-agents either by terrorists or military organizations. We will also discuss these threats in a historical context by reviewing diseases that have had significant effects on human societies (such as smallpox and polio). The biology of infectious disease and treatment will be covered.

# BUSINESS

## DIVISION CONTACT

*Dr. Sandra Fowler*

*Dean of CTE & Workforce Development*

**Office:** (530) 661-5729

**Counseling:** (530) 661-5703

## DEGREES OFFERED

» Business Information Professional (A.S.)

» Business Management (A.S.)

» Business Administration 2.0 (AS-T)

## CERTIFICATES OFFERED

» Business Information Worker - Administrative Assistant (Certificate)

» Business Information Worker - Clerical (Certificate)

» Business Management (Certificate)

» Entrepreneurship (Certificate)

» Medical Office Specialist (Certificate)

## ENTREPRENEURSHIP (CERTIFICATE)

### Certificate of Achievement

The Entrepreneurship Certificate of Achievement is an online learning program designed for students who plan to open their own business, manage a small business, or work in a small business environment. This curriculum provides students with an understanding of 21st century business management practices for today's entrepreneurs. Students will be able to understand and apply core competencies required in 21st century business management and ownership including principles of accounting, business ethics, social responsibility, management, marketing, and communication, all while simultaneously mastering digital fluency. Students who successfully complete the Entrepreneurship Certificate of Completion will be prepared to become CEOs of their own start-ups, franchise owner-operators, sole proprietors, and satellite or branch managers of larger operations.

### Student Learning Outcomes

**Upon successful completion of this program, students will be able to:**

- ✓ *Demonstrate an entrepreneurial skill set that includes expertise in sales, strategic planning, marketing, customer service, business communication, accounting, and global business.*

### Required Courses for Major

**ENTREPRENEURSHIP (CERTIFICATE)**

**15 TOTAL UNITS**

**Required Courses . . . . . 12 Units**

**ACCT50** General Accounting. . . . . 3 Units

**GNBUS13** Principles of Marketing. . . . . 3 Units

**GNBUS21** Business Communications . . . . . 3 Units

**GNBUS59** Entrepreneurship. . . . . 3 Units

**Plus at least 3 units from the following. . . . . 3 Units**

**ACCT3** Computerized Accounting . . . . . 3 Units

**ACCT6** Individual Income Taxes-Federal/State. . . . . 4 Units

**ACCT9** Business Payroll Procedures . . . . . 3 Units

**GNBUS18** Business Law. . . . . 3 Units

**GNBUS55** Principles of Selling. . . . . 3 Units

**GNBUS57** Principles of Social Media Marketing . . . . . 3 Units

**GNBUS58** Principles of Customer Service . . . . . 3 Units



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## MEDICAL OFFICE SPECIALIST (CERTIFICATE)

### Certificate of Achievement

The Medical Office Specialist Certificate of Achievement will provide today's medical office business professional with the robust management skill set necessary to function successfully in a high-paced, high-tech, results-oriented medical office environment. Graduates will be well-prepared to enter this high-profile field with the confidence that they have received the knowledge and training sought by 21st-century employers. Medical Office Specialists with a solid foundation of office management skills and specialized training in medical terminology, customer service, and medical coding are being actively recruited every day in this rapidly growing industry.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ *Students will demonstrate the strong customer service and business communications skills required in today's medical office environment.*
- ✓ *Students will be able to demonstrate a business management skill set that includes expertise in medical coding, medical office procedures, and medical terminology.*

### Required Courses for Major

**MEDICAL OFFICE SPECIALIST (CERTIFICATE) 21 TOTAL UNITS**

**Required Courses . . . . . 18 Units**

**BCA15** Business Computer Applications - Beginning . . . . .3 Units  
**GNBUS21** Business Communications . . . . .3 Units  
**GNBUS58** Principles of Customer Service . . . . .3 Units  
**GNBUS64** Medical Terminology for Office Specialist . . . . .3 Units  
**GNBUS65** Medical Office Procedures . . . . .3 Units  
**GNBUS66** Medical Coding . . . . .3 Units

**Required Work Experience (Select 3 units)**

**CWEE45A** Occupational Work Experience-Volunteer . . . . .3 Units  
**CWEE45B** Occupational Work Experience-Paid . . . . .3 Units

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## BUSINESS INFORMATION WORKER - CLERICAL (CERTIFICATE)

### Certificate of Achievement

The Business Information Worker - Clerical Certificate of Achievement will provide entry-level job seekers with skills for the growing demands of a 21st Century workplace. Job opportunities are readily available locally and throughout the country in government, education, retail, hospitality, the service industries, big business and in smaller entrepreneurial enterprises. In fact, the administrative support field ranks high among the largest U.S. occupation categories, and labor statistics show steady employment opportunity growth.

The role of today's office professional has advanced with the demands of a changing economy and ever-evolving technologies. Entry-level positions traditionally involve working with the public, preparing correspondence and reports, telephone and internet communications, and performing a variety of recordkeeping tasks. In actual day-to-day operations, a clerical employee experiences great variety in their daily tasks and significant opportunity for advancement within the business.

After earning the Business Information Worker - Clerical Certificate of Achievement, completing some additional coursework will qualify the learner for the Business Information Worker - Administrative Assistant Certificate of Achievement, which may open additional employment opportunities and also move the learner closer to an Associate of Science degree.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ *Competently use business information technologies, skills, and resources to communicate and collaborate; and to create, store, retrieve, and distribute business-quality documents and presentations.*
- ✓ *Demonstrate the self-discipline, organization and soft skills necessary to confidently complete work independently and accurately to specifications and on time; and to professionally present work both orally and in writing.*

### Required Courses for Major

**BUSINESS INFORMATION WORKER - CLERICAL (CERTIFICATE) 15.5 TOTAL UNITS**

**BCA15** Business Computer Applications - Beginning . . . . .3 Units  
**BCA20** Computer Calculation . . . . .1.5 Units  
**BCA59** Computer Literacy . . . . .1 Units  
**BCA60** Computer Keyboarding . . . . .3 Units  
**BCA66** Microsoft Outlook . . . . .1 Units  
**GNBUS56** Business Mathematics . . . . .3 Units  
**GNBUS72** Introduction to Business Information Worker . . . . .3 Units

## BUSINESS INFORMATION WORKER - ADMINISTRATIVE ASSISTANT (CERTIFICATE)

### Certificate of Achievement

Business Information Workers are in high demand both locally and nationally, comprising one of the largest occupational fields in the country, according to the U.S. Department of Labor. The administrative arena includes job opportunities in a diverse range of fields including education, health care, government and social services, finance, real estate, insurance, the retail trade and hospitality industries. Well-trained workers continue to play a vital role in small entrepreneurship, providing an array of key support services. Salaries can vary widely, based on training, abilities and experience. Job applicants with stronger computer skills rise to the top of the candidate pool, frequently earning higher salaries.

The role of today's Business Information Worker has evolved with the demands of a changing economy and ever-evolving technologies. Typically, this professional oversees daily operations including supporting employees; creating, editing and updating simple to complex documents; developing and maintaining spreadsheets, presentations and databases; planning and scheduling meetings and appointments; managing projects; organizing and maintaining paper and electronic files; conducting research; disseminating information using the telephone, mail services, websites and emails; and assisting with budgets as well as monitoring and maintaining office resources.

Learners earning a Business Information Worker - Administrative Assistant Certificate of Achievement will complete a variety of courses preparing them for the growing demands of the 21st Century workplace. After receiving this certificate, a student may choose to complete a few more classes and Woodland Community College's general education requirements to qualify for the Business Information Professional Associate of Science degree.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ *Research, analyze, organize, evaluate, and disseminate accurate, detailed business data and communications.*
- ✓ *Demonstrate an understanding of general accounting principles and common business computations.*
- ✓ *Demonstrate the self-discipline, organization and soft skills necessary to confidently complete work independently, accurately, to specifications and on time and to professionally present work both orally and in writing.*
- ✓ *Competently use office technologies and resources in creating, storing, retrieving and distributing business-quality documents and presentations.*

### Required Courses for Major

#### BUSINESS INFORMATION WORKER -

#### ADMINISTRATIVE ASSISTANT (CERTIFICATE)

**29.5 TOTAL UNITS**

<b>ACCT3</b> Computerized Accounting . . . . .	3 Units
<b>ACCT50</b> General Accounting. . . . .	3 Units
<b>BCA15</b> Business Computer Applications - Beginning . . . . .	3 Units
<b>BCA20</b> Computer Calculation. . . . .	1.5 Units
<b>BCA33</b> Microsoft Excel II. . . . .	1 Units
<b>BCA37</b> Microsoft Access II . . . . .	1 Units
<b>BCA38</b> Microsoft Access III. . . . .	1 Units
<b>BCA60</b> Computer Keyboarding. . . . .	3 Units
<b>BCA64</b> Microsoft Word II . . . . .	1 Units
<b>BCA66</b> Microsoft Outlook. . . . .	1 Units
<b>BCA67</b> Adobe Acrobat. . . . .	1 Units
<b>BCA68</b> Records and Information Management . . . . .	1 Units
<b>GNBUS21</b> Business Communications . . . . .	3 Units
<b>GNBUS56</b> Business Mathematics. . . . .	3 Units
<b>GNBUS72</b> Introduction to Business Information Worker. . . . .	3 Units

## BUSINESS INFORMATION PROFESSIONAL (A.S.)

### AS: Associate in Science

Business Information Professionals are in high demand both locally and nationally, comprising one of the largest occupational fields in the country, according to the U.S. Department of Labor. The administrative arena includes job opportunities in a diverse range of fields including education, health care, government and social services, finance, real estate, insurance, the retail trade and hospitality industries. Well-trained workers continue to play a vital role in small entrepreneurship, providing an array of key support services. Salaries can vary widely based on training, abilities, and experience. Job applicants with stronger computer skills rise to the top of candidate pools, frequently earning higher salaries.

The role of today's office professional has evolved with the demands of a changing economy and ever-evolving technologies. Typically, a Business Information Professional oversees daily operations—including supporting employees; creating, editing and updating simple to complex documents, spreadsheets, presentations and databases; planning and scheduling meetings and appointments; managing projects; organizing and maintaining paper and electronic files; conducting research; disseminating information using the telephone, mail services, websites and emails; developing and supporting marketing and advertising efforts; managing the company's social media presence; and assisting with budgets as well as monitoring and maintaining office resources.

Students earning the Business Information Professional Associate in Science Degree will complete a variety of core courses preparing them for the growing demands of the 21st Century workplace. The general education requirements round out this technical training and help the student achieve stronger cultural awareness, enhanced self-understanding, improved critical thinking, writing, and communication skills, and an appreciating for life-long learning.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Competently use advanced office technologies and resources in creating, storing, retrieving and distributing professional business-quality documents and presentations.
- ✓ Demonstrate the self-discipline, organization and soft skills necessary to confidently complete work independently, accurately, to specifications and on time.
- ✓ Research, analyze, organize, evaluate, store, retrieve and disseminate accurate, detailed business data and communications. Solve basic business calculations involving areas such as payroll, inventory, budgeting and banking.
- ✓ Apply professional written and verbal communications skills to work effectively with diverse business groups. Use appropriate language, terminology, non-verbal expression, interpersonal skills and business ethics consistent with the work environment.

### Required Courses for Major

**BUSINESS INFORMATION PROFESSIONAL (A.S.) 35.5 TOTAL UNITS**

<b>ACCT3</b> Computerized Accounting . . . . .	3 Units
<b>ACCT50</b> General Accounting. . . . .	3 Units
<b>BCA15</b> Business Computer Applications - Beginning . . . . .	3 Units
<b>BCA20</b> Computer Calculation. . . . .	1.5 Units
<b>BCA33</b> Microsoft Excel II. . . . .	1 Units
<b>BCA34</b> Microsoft Excel III . . . . .	1 Units
<b>BCA37</b> Microsoft Access II . . . . .	1 Units
<b>BCA38</b> Microsoft Access III. . . . .	1 Units
<b>BCA60</b> Computer Keyboarding. . . . .	3 Units
<b>BCA64</b> Microsoft Word II . . . . .	1 Units
<b>BCA65</b> Microsoft Word III . . . . .	1 Units
<b>BCA66</b> Microsoft Outlook. . . . .	1 Units
<b>BCA67</b> Adobe Acrobat. . . . .	1 Units
<b>BCA68</b> Records and Information Management . . . . .	1 Units
<b>BCA70</b> Microsoft PowerPoint II . . . . .	1 Units
<b>GNBUS21</b> Business Communications . . . . .	3 Units
<b>GNBUS56</b> Business Mathematics. . . . .	3 Units
<b>GNBUS72</b> Introduction to Business Information Worker. . . . .	3 Units
<b>GNBUS74</b> Business Information Professional . . . . .	3 Units

## BUSINESS MANAGEMENT (CERTIFICATE)

### Certificate of Achievement

The Certificate of Achievement in Business Management will provide today's business professional with the robust management skill set necessary to function successfully in a high-paced, high-tech, results-oriented business environment. Graduates will be well-prepared to enter a rapidly growing field with the confidence that they have received the knowledge and training sought by 21st-century employers. Business managers are being actively recruited every day by all industry sectors including government, education, retail, hospitality, service, and big and small business.

Students who complete the Business Management Certificate of Achievement will be well on their way to an Associate's Degree in Business Management, with only four more classes to complete in addition to general education graduation requirements.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Students will be able to demonstrate a business management skill set that includes expertise in human resource management, strategic planning, marketing, customer service, business communication, accounting, and global business.

### Required Courses for Major

**BUSINESS MANAGEMENT (CERTIFICATE) 24 TOTAL UNITS**

Required Courses . . . . .21 Units

<b>ACCT50</b> General Accounting. . . . .	3 Units
<b>BCA15</b> Business Computer Applications - Beginning . . . . .	3 Units
<b>ECON1B</b> Elementary Economics-Micro . . . . .	3 Units
<b>GNBUS10</b> Introduction To Business . . . . .	3 Units
<b>GNBUS11</b> Principles of Management . . . . .	3 Units
<b>GNBUS21</b> Business Communications . . . . .	3 Units
<b>GNBUS56</b> Business Mathematics. . . . .	3 Units

Plus three additional units from the business elective courses listed below: . . . . . 3 Units

<b>ACCT9</b> Business Payroll Procedures . . . . .	3 Units
<b>GNBUS13</b> Principles of Marketing. . . . .	3 Units
<b>GNBUS15</b> Human Resource Management . . . . .	3 Units
<b>GNBUS35</b> Organizational Behavior . . . . .	3 Units
<b>GNBUS55</b> Principles of Selling. . . . .	3 Units
<b>GNBUS57</b> Principles of Social Media Marketing . . . . .	3 Units
<b>GNBUS58</b> Principles of Customer Service . . . . .	3 Units

## BUSINESS MANAGEMENT (A.S.)

### AS: Associate in Science

The Business Management Associate in Science Degree is a natural progression beyond the Business Management Certificate of Achievement and will provide today's business professional an additional layer of preparedness, providing the robust management skills training necessary to function successfully in a high-paced, high-tech, results-oriented business environment. Graduates will be well-prepared to enter a rapidly growing field with the confidence that they have received the knowledge and training sought by 21st-century employers. Business managers are being actively recruited every day by all industry sectors including government, high-tech, education, retail, hospitality, service, and big and small business.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Articulate and comprehend business terms and concepts and effectively communicate using the language of business.
- ✓ Use specific problem-solving tools to make informed decisions when assessing alternative courses of action in a business environment.
- ✓ Effectively apply business management concepts and processes to analyze and evaluate various business situations/actions.
- ✓ Employ information technologies as they influence the structure and process of organizations and economies, and as they influence the roles and techniques of management.

### Required Courses for Major

**BUSINESS MANAGEMENT (A.S.) 31-32 TOTAL UNITS**

Required Courses . . . . . 25 Units

<b>ACCT1</b> Principles of Accounting-Financial . . . . .	4 Units
<b>ACCT50</b> General Accounting. . . . .	3 Units
<b>ECON1B</b> Elementary Economics-Micro . . . . .	3 Units
<b>GNBUS10</b> Introduction To Business . . . . .	3 Units
<b>GNBUS11</b> Principles of Management . . . . .	3 Units
<b>GNBUS18</b> Business Law. . . . .	3 Units
<b>GNBUS21</b> Business Communications . . . . .	3 Units
<b>GNBUS56</b> Business Mathematics. . . . .	3 Units

Electives (choose two). . . . .6-7 Units

<b>ACCT2</b> Principles of Accounting-Managerial . . . . .	4 Units
<b>GNBUS13</b> Principles of Marketing. . . . .	3 Units
<b>GNBUS15</b> Human Resource Management . . . . .	3 Units
<b>GNBUS35</b> Organizational Behavior . . . . .	3 Units
<b>GNBUS55</b> Principles of Selling. . . . .	3 Units
<b>GNBUS57</b> Principles of Social Media Marketing . . . . .	3 Units
<b>GNBUS58</b> Principles of Customer Service . . . . .	3 Units

## BUSINESS ADMINISTRATION 2.0 (AS-T)

### AS-T: Associate in Science for Transfer

The Associate of Science in Business Administration for Transfer Degree 2.0 prepares students to transfer to a CSU institution by completing required major preparatory coursework in business administration. Students complete required core courses (28 units) in accounting, economics, math, and business. The breadth of these specific courses combined with general education courses prepare students for upper division coursework in business administration at a CSU institution. The following is required for of Science in Business Administration for Transfer Degree 2.0 provides students with the opportunity to complete their freshman/sophomore level classes needed for a bachelor's degree in business administration within the California State University System.

The Associate of Science in Business Administration for Transfer Degree 2.0 requirements (as stated in SB1440 law) requires students to also:

- A minimum of 18 semester in the major or area of emphasis as determined by the community college district
- 60 semester CSU transferable units
- California State University General Education-Breadth (CSU GE-Breadth) pattern of 39 units OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern of 37 units.
- Students must obtain a minimum grade point average (GPA) of 2.0.
- Students must earn a grade of "C" or better, or a "P" (pass) in all courses required for the major.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ *Communication* Understand business terms and concepts, and effectively communicate using the language of business.
- ✓ *Technological Awareness* Understand information technologies as they influence the structure and process of organizations and economies, and as they influence the roles and techniques of management.
- ✓ *Computation* Use specific problem-solving tools to make informed decisions when assessing alternative courses of action.
- ✓ *Critical Thinking* Apply concepts and processes to analyze and evaluate various business situations/actions.

### Required Courses for Major

BUSINESS ADMINISTRATION 2.0 (A.S.-T)	28 TOTAL UNITS
<b>ACCT1</b> Principles of Accounting-Financial .....	4 Units
<b>ACCT2</b> Principles of Accounting-Managerial .....	4 Units
<b>ECON1A</b> Elementary Economics-Macro .....	3 Units
<b>ECON1B</b> Elementary Economics-Micro .....	3 Units
<b>GNBUS10</b> Introduction To Business .....	3 Units
<b>GNBUS18</b> Business Law. ....	3 Units
<b>MATH9</b> Calculus for Business, Social and Life Sciences .....	4 Units
<b>STAT1</b> Introduction To Statistical Methods .....	4 Units



# BUSINESS COURSES

## **GNBUS1** Business Information Systems 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Transferable to CSU only**

Examination of information systems and their role 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 hands-on projects developing computer-based solutions to business problems.

## **GNBUS10** Introduction To Business 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Transferable to both UC and CSU**

*C-ID: BUS 110*

Survey of the diverse activities of businesses operating in a changing global environment. Examines how economic systems, technology, legal factors, business strategies, human relations, trade barriers, finance, and culture interact to affect U.S. business policies and practices. Demonstrates how businesses achieve organizational goals and maintain their competitive advantage. Explores how entrepreneurship, organizational design and structure, leadership, human resource management and organized labor practices, organizational communication, innovation, marketing and consumer behavior, e-business, legal issues, accounting, and financial management can improve business practices.

## **GNBUS11** Principles of Management 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Limitations on enrollment:**

*Not open for credit to students with credit in MGMT10*

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**Transferable to CSU only**

Managerial and organizational theory and practice; planning, organizing, influencing and controlling. Focusing on the role, functions, and responsibilities of management in a contemporary organization.

## **GNBUS13** Principles of Marketing 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

*Mathematics—Recommended eligibility for MATH52*

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**Transferable to CSU only**

This course is a general overview of marketing principles. The course covers the process of planning and executing the conception, pricing, promotion, and distribution of ideas, goods, and services to create exchanges that satisfy individuals and organizational goals. Elements of the marketing environment such as government regulation, environmental protection, competition, and consumer behavior will be analyzed.

## **GNBUS15** Human Resource Management 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Transferable to CSU only**

Foundations for the contemporary theory and practices relating to the management of people; managing human resources within an organization; basic personnel processes.

**GNBUS18 Business Law**

3.0 units

**Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Counts toward WCC Graduation Area E****Transferable to both UC and CSU***C-ID: BUS 125*

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.

**GNBUS21 Business Communications**

3.0 units

**Letter Grade Only — 54 lecture hours****Transferable to CSU only**

Application of principles of ethical and effective communication to the creation of letters, memos, e-mails, and written and oral reports for a variety of business situations. Development and refinement of written and oral business communication skills including planning, organizing, composing, 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.

**GNBUS35 Organizational Behavior**

3.0 units

**Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Transferable to CSU only**

Introduction to theories of management psychology and organizational behavior and their application in the workplace, including individual and group behaviors, organizational structure, the role of ethics in the workplace, change management, conflict resolution, and organizational dynamics.

**GNBUS55 Principles of Selling**

3.0 units

**Letter Grade Only — 54 lecture hours****Not Transferable**

This is a course on the theory and practice of personal and professional selling with a focus on relationship marketing and a concentration on the selling process. This course includes an emphasis on sales strategies, techniques, settings, and skills development in product knowledge, customer analysis, prospecting, presenting, and closing the sale. Team sales presentations are also addressed.

**GNBUS56 Business Mathematics**

3.0 units

**Letter Grade Only — 54 lecture hours****Requisites:***Satisfactory completion of LEARN574 or GNBUS100 or by placement***Not Transferable**

Math for business, accounting, management, real estate and marketing. Topics include discussion and calculations for banking, cash/trade/and bank discounting, retail and wholesale markups and markdowns, simple and compound interest, present value, annuities and sinking funds, discounting of notes, buying and selling of mutual funds and stocks, depreciation, taxes, insurance, financial statements and real estate loans.

**GNBUS57 Principles of Social Media Marketing** 3.0 units**Letter Grade Only — 54 lecture hours****Not Transferable**

This course is designed to provide students with a foundation in social media using interactive Internet and mobile applications. Students will learn and develop social media strategies for use in business and learn how to implement social media campaigns as part of a marketing strategy. Cost-effective methods of social media promotion for small businesses will be covered. Relationship-building, public relations, and event marketing using social and mobile media tactics will also be a focus. A social media promotion plan will be developed.

**GNBUS58 Principles of Customer Service 3.0 units****Letter Grade Only — 54 lecture hours****Not Transferable**

Whether local or global, face-to-face, or online, providing excellent customer service is a necessary practice to attract and retain business in every industry. Workers who provide excellent customer service give their companies the best opportunity to produce profit, goodwill, and deliver services and products that satisfy and please clients. With a focus on both new and existing customers, students learn how to maximize this major source of business revenue. Students will also practice and fine-tune communication, active listening, and conflict resolution skills. Specific customer service tactics when working with both internal and external customers will be covered.

**GNBUS59 Entrepreneurship 3.0 units****Letter Grade Only — 54 lecture hours****Not Transferable**

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.

**GNBUS64 Medical Terminology for Office Specialist  
3.0 units****Letter Grade or Pass/No Pass — 54 lecture hours****Not Transferable**

Familiarization with and refinement of medical terminology from programmed text outlining word structure, definitions, and usage. Primarily intended for those who are preparing for a career in health or business, with an emphasis on clerical support staff responsibilities.

**GNBUS65 Medical Office Procedures 3.0 units****Letter Grade Only — 54 lecture hours****Not Transferable**

Students will learn the role of a medical office administrative assistant by mastering medical office duties and becoming proficient in customer and patient service and the creation and maintenance of medical records.

**GNBUS66 Medical Coding 3.0 units****Letter Grade Only — 54 lecture hours****Requisites:***Satisfactory completion of GNBUS64***Not Transferable**

Students will learn how to transform healthcare diagnoses, procedures, medical services, and equipment into universal medical alphanumeric codes. Students will be prepared to help ensure the codes are applied correctly during the medical billing process, which includes abstracting the information from documentation, assigning the appropriate codes, and creating a claim to be paid by insurance carriers.

**GNBUS72 Introduction to Business Information Worker  
3.0 units****Letter Grade Only — 54 lecture hours****Advisories:***Computer Literacy—Recommended basic computer skills***Not Transferable**

This course provides the learner with a survey of skills and topics covered in the Business Information Worker Program certificates and degree program. Business English, entry-level office procedures such as the role of a business information professional, the workplace environment, workplace communication, ethics, customer focus, and teamwork are covered. The focus is an introduction to skills that are relevant to success as an office clerk, administrative assistant, office manager, or other business information worker roles.

**Letter Grade Only — 54 lecture hours****Requisites:***Satisfactory completion of BCA15 and GNBUS72***Not Transferable***C-ID: BSOT 150 X*

Designed for the last semester of study in the Business Information Worker pathway, this capstone course is designed to integrate and refine business information skills presented throughout the program in advanced preparation for the administrative professional occupation. Further administrative procedures including but not limited to travel arrangements, organizing meetings or conferences, and electronic records management integration are introduced. Emphasis is on time management, customer service, human relations, workplace ethics, and effective communication. A final focus on job applications, interviewing, and employment documents is included.

# BUSINESS COMPUTER APPLICATIONS

## DIVISION CONTACT

Dr. Sandra Fowler

Dean of CTE & Workforce Development

Office: (530) 661-5729

Counseling: (530) 661-5703

## CERTIFICATES OFFERED

» Business Computer Applications Basics  
(Noncredit Certificate)

## BUSINESS COMPUTER APPLICATIONS BASICS (NONCREDIT CERTIFICATE)

### Certificate of Completion (Noncredit)

Employers demand good computer skills. They want employees who can type, are familiar with word processing and spreadsheets, and know how to use the Internet as a strategic business tool. Woodland Community College's Business Computer Applications Basics certificate starts with the basics of using a computer and operating system, then moves on to software applications, keyboarding, and online skills. This certificate will help students begin to develop the core computer skills they will need to succeed in today's job market.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Demonstrate a basic understanding of the Internet, computer hardware and software, problem-solving and troubleshooting skills, and the utilization of web technologies. Students will be able to apply program skills in a professional business environment.

### Required Courses for Major

BUSINESS COMPUTER APPLICATIONS BASICS (NONCREDIT CERTIFICATE) 0 TOTAL UNITS

BCA557 Introduction To Computing ..... 0 Units

BCA558 Introduction to Computer Keyboarding..... 0 Units

## BUSINESS COMPUTER APPLICATIONS COURSES

**BCA15** Business Computer Applications - Beginning  
3.0 units

**Letter Grade Only — 45 lecture hours, 27 lab hours**

#### Advisories:

**Computer Literacy**—Recommended basic computer skills

**Transferable to CSU only**

**C-ID:** BSOT 111X+112X+113X+114X

Develop beginning skills using the Microsoft Office suite. Basic features of Word, Excel, Access and PowerPoint are covered. Microsoft Word hands-on activities will focus on basic document creation, formatting, and editing. Microsoft Excel activities will focus on spreadsheet design, creation, revision, formatting, and printing a workbook. Problem-solving for Excel solutions is also emphasized. Microsoft Access activities will introduce fundamental relational database design and management. Microsoft PowerPoint activities provide the learner with experience planning, creating, editing, viewing, and printing PowerPoint presentations. Basic computer literacy and keyboarding skills are strongly advised.

**BCA20** Computer Calculation 1.5 units

**Letter Grade Only — 22.5 lecture hours, 13.5 lab hours**

#### Advisories:

**Computer Literacy**—Recommended basic computer skills

**Mathematics**—Recommended eligibility for MATH52

**Transferable to CSU only**

Skill development in the operation of electronic calculator and computer 10-key as it applies to business operations. Functions include: addition, subtraction, multiplication, division, memory, percentages, and interest calculations to solve typical business problems. Speed and accuracy by touch method emphasized.



**BCA33 Microsoft Excel II**

1.0 unit

**Letter Grade Only — 12 lecture hours, 18 lab hours****Requisites:***Satisfactory completion of BCA15***Limitations on enrollment:***Not open for credit to students with credit in BCA33A***Transferable to CSU only****C-ID:** BSOT 122X

This course is designed to follow the successful completion of BCA 15 and will provide students with an intermediate understanding of Microsoft Excel. Analyzing data, working with multiple worksheets and functions, pivot tables, resolving conflicts, tracking changes, data validation, chart formatting, templates, and macros are covered. Problem-solving for Excel solutions is also emphasized.

**BCA34 Microsoft Excel III**

1.0 unit

**Letter Grade Only — 12 lecture hours, 18 lab hours****Requisites:***Satisfactory completion of BCA15 Concurrent enrollment in or satisfactory completion of BCA33 or BCA33A***Transferable to CSU only****C-ID:** BSOT 132 X

This course is designed to provide students with an advanced understanding of Microsoft Excel. Financial and what-if analysis, data tables, scenario management, importing and exporting data, enhancing with Visual Basic, sub-routines, modifying default settings, and problem-solving tools are covered. Problem-solving for Excel solutions is also emphasized.

**BCA37 Microsoft Access II**

1.0 unit

**Letter Grade Only — 12 lecture hours, 18 lab hours****Requisites:***Satisfactory completion of BCA15***Advisories:***Language—Recommended eligibility for ENGL1A**Mathematics—Recommended eligibility for MATH52***Transferable to CSU only****C-ID:** BSOT 123 X

This course is designed to follow the successful completion of BCA 15 and will provide the student with an intermediate understanding of database design and management. Advanced queries, table design, custom forms and reports, as well as integration of Access with the web and other programs are covered.

**BCA38 Microsoft Access III**

1.0 unit

**Letter Grade Only — 12 lecture hours, 18 lab hours****Requisites:***Satisfactory completion of BCA15 Concurrent enrollment in or satisfactory completion of BCA37 or BCA37A***Advisories:***Language—Recommended eligibility for ENGL1A**Mathematics—Recommended eligibility for MATH52***Limitations on enrollment:***Not open for credit to students with credit in BCA37B***Transferable to CSU only****C-ID:** BSOT 133 X

This course is designed to provide students with an advanced understanding of database design and management. Action queries, table relationships, and automating tasks with macros are covered. Visual Basic for Applications is introduced to enhance database construction and functionality.

**BCA59 Computer Literacy**

1.0 unit

**Letter Grade Only — 12 lecture hours, 18 lab hours****Limitations on enrollment:***Not open for credit to students with credit in BCA41***Counts toward WCC Graduation Area E****Not Transferable****C-ID:** BSOT 105 X

This course is designed for those with very little computer experience. Learners practice file management, email, instant messaging, Internet browsing and searching. This course includes a brief introduction to industry standard Microsoft Office (word processing, spreadsheet, and presentation) application programs and the Windows operating system. Use of proper computer terminology and identification of fundamental hardware and software applications is reinforced.

**BCA60 Computer Keyboarding**

3.0 units

**Letter Grade Only — 36 lecture hours, 54 lab hours****Not Transferable**

Acquire basic beginning level of keyboarding and document formatting skills.

**BCA64 Microsoft Word II**

1.0 unit

**Letter Grade Only — 12 lecture hours, 18 lab hours****Requisites:***Satisfactory completion of BCA15***Limitations on enrollment:***Not open for credit to students with credit in BCA22 or BCA22A***Not Transferable***C-ID: BSOT 121 X*

This course is designed to follow the successful completion of BCA 15 and will provide the student with an intermediate level of understanding of word processing with Microsoft Word, including complex document creation, mail merge, columns, formatting, plus integration with other applications, and collaborating on documents using Microsoft Word. Themes, templates, and styles are also covered.

**BCA65 Microsoft Word III**

1.0 unit

**Letter Grade Only — 12 lecture hours, 18 lab hours****Requisites:***Satisfactory completion of BCA15 Concurrent enrollment in or satisfactory completion of BCA64 or BCA22 or BCA62***Not Transferable***C-ID: BSOT 131 X*

This course is designed to provide the student with an advanced level of understanding of word processing with Microsoft Word, including the creation of templates, macros, advanced table formatting, and use of long documents and subdocuments. Customizing and automating work and online forms are also covered.

**BCA66 Microsoft Outlook**

1.0 unit

**Letter Grade Only — 12 lecture hours, 18 lab hours****Advisories:***Computer Literacy—Recommended basic computer skills***Limitations on enrollment:***Not open for credit to students with credit in BCA23***Not Transferable***C-ID: BSOT 106 X*

This course introduces personal management software and use of Microsoft Outlook functions. Topics include management of e-mail, organization of contacts, creation and scheduling of events using the calendar, and creating and managing tasks for personal and business use. Customization of Outlook features is also covered.

**BCA67 Adobe Acrobat**

1.0 unit

**Letter Grade Only — 12 lecture hours, 18 lab hours****Requisites:***Satisfactory completion of BCA59***Not Transferable***C-ID: BSOT 125 X*

This course is designed to provide the learner with a basic understanding of Adobe Acrobat. Topics include creating portable document files (PDF), working with PDF files, annotation and editing of files plus interactive forms. Distribution and management of PDFs is also covered.

**BCA68 Records and Information Management**

1.0 unit

**Letter Grade Only — 12 lecture hours, 18 lab hours****Advisories:***Computer Literacy—Recommended basic computer skills***Not Transferable**

The Records and Information Management course is designed to provide instruction in the systematic control of records and information from creation or receipt through processing, distribution, organization, storage, retrieval, and ultimately, through disposition. Learners will practice indexing, coding, and managing business information and records and will review regulatory compliance requirements. American National Standards Institute (ANSI) and International Organization for Standardization (ISO) standards are covered. Students are introduced to using computer databases to apply records management principles.

**Letter Grade Only — 12 lecture hours, 18 lab hours**

**Requisites:**

Satisfactory completion of BCA15

**Limitations on enrollment:**

Not open for credit to students with credit in BCA26

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**Not Transferable**

C-ID: BSOT 124 X

This course is designed to follow the successful completion of BCA 15, and builds on a fundamental skill set to feature the use of PowerPoint as a tool for designing, producing, and controlling visual elements to build and deliver effective presentations. Creating templates, publishing, customizing, and protecting presentations as well as inserting audio, video, and animations and integrating with other programs is included. This course focuses on design and effective delivery methods which are explored through project presentations.

**Satisfactory Progress (Noncredit) — 8–9 lecture hours, 8–9 lab hours**

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**Non-credit course**

Designed to enhance workplace skill improvement and placement opportunities for the novice computer user. Offers an introduction to the basics of computer hardware, software, and operating systems. Provides an overview of the Microsoft Office Suite, Google applications, and the Internet.

**Satisfactory Progress (Noncredit) — 8–9 lecture hours, 16–18 lab hours**

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**Non-credit course**

This is a pre-beginning level keyboarding course designed to introduce effective keyboarding skills with an emphasis on building correct touch-typing techniques for alphanumeric, symbol, and punctuation keys. A foundation for keyboarding speed and accuracy is developed, and the successful completion of this class results in a minimum keyboarding speed of 15 net words per minute on a two-minute timed writing.

# CHEMISTRY

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## DEGREES OFFERED

»Chemistry (A.S.-T)

## CHEMISTRY (A.S.-T)

### AS-T: Associate in Science for Transfer

Chemistry is the science that studies the composition and properties of substances and the changes they undergo. The Associate in Science in Chemistry for Transfer (AS-T in Chemistry) is designed to allow students to complete the first and second year requirements to transfer to the California State University campus in Chemistry or a related major. Students with a degree in chemistry may pursue careers in a variety of fields such as pharmacy, medicine, engineering, teaching, biotechnology, patent law, and forensic science. While at least a baccalaureate degree is recommended preparation for those considering professional careers, completion of this curriculum will demonstrate commitment to the field and provide comprehensive preparation for further academic study through upper-division coursework.

The Associate in Science in Chemistry for Transfer (AS-T) may be obtained by the completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program outlined below (earning a C or better in these courses) and (b) either the Intersegmental General Education Transfer Curriculum (IGETC) for STEM majors, or the California State University General Education Breadth Requirements.

Students are advised to follow the IGETC for STEM pattern to complete the degree in 60 units. Please consult with a counselor for further information.

For chemistry majors with the goal of applying to CSU as well as UC, there's a lot of overlap in coursework; students applying to UC will be expected to complete multivariable calculus and differential equations.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Use mathematical calculations in chemistry problem solving.
- ✓ Think and reason scientifically to solve real life problems.

### Required Courses for Major

CHEMISTRY (A.S.-T)	35 TOTAL UNITS
<b>CHEM1A</b> General Chemistry I .....	5 Units
<b>CHEM1B</b> General Chemistry II .....	5 Units
<b>CHEM18A</b> Organic Chemistry for Health and Life Sc .....	4 Units
<b>CHEM18B</b> Organic Chemistry for Health and Life Sc .....	4 Units
<b>MATH1A</b> Single Variable Calculus I -- Early Transcendentals ..	5 Units
<b>MATH1B</b> Single Variable Calculus II -Early Trans .....	4 Units
<b>PHYS4A</b> Mechanics .....	4 Units
<b>PHYS4B</b> Electromagnetism. ....	4 Units

# CHEMISTRY COURSES

## CHEM1A General Chemistry I 5.0 units

**Letter Grade Only — 54 lecture hours, 108 lab hours**

**Requisites:**

Satisfactory completion of MATH52 or equivalent course

**Transferable to both UC and CSU**

C-ID: CHEM 110/120S

CSU GE-Breadth: B1, B3

IGETC: 5A, 5C

UC-TCA: UC-S

Fundamental principles of inorganic chemistry; nomenclature of inorganic compounds, chemical formulas, equations and reactions; stoichiometry; structure of atoms, ions, and molecules and periodic table; oxidation-reduction and acid-base reactions; gas laws; thermochemistry and equilibrium. Students who have not successfully completed high school chemistry are strongly recommended to take CHEM 2A prior to CHEM 1A.

## CHEM1B General Chemistry II 5.0 units

**Letter Grade Only — 54 lecture hours, 108 lab hours**

**Requisites:**

Satisfactory completion of CHEM1A

**Transferable to both UC and CSU**

C-ID: CHEM 120S

CSU GE-Breadth: B1, B3

IGETC: 5A, 5C

UC-TCA: UC-S

Continuation of the development of fundamental principles of chemistry and application of principles developed in CHEM 1A. Principles of inorganic chemistry, including 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 may be presented as time permits.

## CHEM2A Introductory Chemistry 5.0 units

**Letter Grade Only — 72 lecture hours, 54 lab hours**

**Requisites:**

Satisfactory completion of MATH101 or MATH50 or equivalent course

**Advisories:**

Computer Literacy—Recommended basic computer skills

**Counts toward WCC Graduation Area A**

**Transferable to both UC and CSU**

C-ID: CHEM 101

CSU GE-Breadth: B1, B3

IGETC: 5A, 5C

UC-TCA: UC-S

Introduction to 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.

## CHEM2B Introductory Chemistry 4.0 units

**Letter Grade Only — 54 lecture hours, 54 lab hours**

**Requisites:**

Satisfactory completion of CHEM1A or CHEM2A

**Advisories:**

Language—Recommended eligibility for ENGL1A

Mathematics—Recommended eligibility for MATH52

**Transferable to both UC and CSU**

CSU GE-Breadth: B1, B3

IGETC: 5A, 5C

UC-TCA: UC-S

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.



**CHEM10** Concepts of Chemistry

3.0 units

**Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Counts toward WCC Graduation Area A****Transferable to both UC and CSU***CSU GE-Breadth: B1**IGETC: 5A**UC-TCA: UC-S*

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.

**CHEM14** Survey of Chemistry and Physics

4.0 units

**Letter Grade Only — 54 lecture hours, 54 lab hours****Requisites:***Satisfactory completion of MATH101***Limitations on enrollment:***Not open for credit to students with credit in PHYSC10B or 10C***Counts toward WCC Graduation Area A****Transferable to CSU only***C-ID: CHEM 140**CSU GE-Breadth: B1*

An investigation of basic principles of physics and chemistry including matter, physical and chemical properties, energy, motion, light, atomic structure, bonding, solutions and chemical reactions. The inter-dependence of chemistry and physics will be emphasized. This course is intended for non-science majors. Students who take an online section will be required to purchase lab kits for home use.

**CHEM18A** Organic Chemistry for Health and Life Sc  
4.0 units**Letter Grade Only — 54 lecture hours, 54 lab hours****Requisites:***Satisfactory completion of CHEM1B***Transferable to both UC and CSU***CSU GE-Breadth: B1, B3**IGETC: 5A, 5C**UC-TCA: UC-S*

Designed for students planning professional school studies in health and life sciences. A rigorous, in-depth presentation of basic principles with emphasis on stereochemistry and spectroscopy and preparations and reactions of aromatic and nonaromatic hydrocarbons, haloalkanes, alcohols, and ethers. Reactions include  $S_N1$ ,  $S_N2$ ,  $E1$ , and  $E2$ .

**CHEM18B** Organic Chemistry for Health and Life Sc  
4.0 units**Letter Grade Only — 54 lecture hours, 54 lab hours****Requisites:***Satisfactory completion of CHEM18A***Transferable to both UC and CSU***CSU GE-Breadth: B1, B3**IGETC: 5A, 5C**UC-TCA: UC-S*

A continuation of CHEM 18A. Designed for students planning professional school studies in health and life sciences. Emphasis on the preparation, reactions and identification of organometallic compounds, aldehydes, ketones, carboxylic acids, and their derivatives, alkyl and acyl amines,  $\beta$ -dicarbonyl compounds, and various classes of naturally occurring biologically important compounds.

**CHEM28A** Organic Chemistry for Chemists, Engineers and  
Pre-Health Majors I 5.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours, 108  
lab hours**

**Requisites:**

Satisfactory completion of CHEM1B

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**Transferable to CSU only**

Introduction to the basic concepts of organic chemistry with emphasis on stereochemistry, chemistry of hydrocarbons, aromatic and aliphatic substitution reactions, and elimination reactions.

Designed primarily for majors in chemistry, engineering and premedical and health careers.

**CHEM28B** Organic Chemistry for Chemists, Engineers and  
Pre-Health Majors II 5.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours, 108  
lab hours**

**Requisites:**

Satisfactory completion of CHEM28A

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**Transferable to CSU only**

This course is the second semester in the 28 series of organic chemistry. This course is designed primarily for chemistry, engineering, premedical, pharmacy and other majors who require a more intensive organic chemistry course. Emphasis on carbonyl compounds and their derivatives and biological compounds of interest. Spectrometry is featured.

# COMMUNICATION

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## DEGREES OFFERED

» Communication Studies (A.A.-T)

## COMMUNICATION STUDIES (A.A.-T)

### AA-T: Associate in Arts for Transfer

The WCC Communication Studies program is designed to nurture an understanding and examination of the crucial role of communication in human relationships, cultures, society, and civic affairs, as well as, developing students' personal and professional communication skills.

The Communication Studies program at WCC offers curriculum that provide students with a foundation in communication theory and practice. Courses offered in this program fulfill general education and transfer requirements that prepare students for further study that may lead to Bachelor in Arts, Master in Arts, and/or other advanced degrees.

The Associate in Arts in Communication Studies degree for Transfer (AA-T) is designed specifically for students planning to transfer to the CSU system.

The Associate Degree for Transfer student completion requirements are:

- Completion of 60 semester units that are eligible for transfer to the California State University, including the following:
- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
- A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
- Minimum grade point average of 2.0.
- Students must earn a C or better in all courses required for the major of emphasis. A "P" (Pass) grade is not an acceptable grade for courses in the major.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ The student upon completion of this program will be able to demonstrate and apply critical thinking skills in a variety of communication studies context.
- ✓ The student upon completion of this program will be able to demonstrate the communication skills necessary to engage in personal, professional, civic, and social relationship.

### Required Courses for Major

COMMUNICATION STUDIES (A.A.-T) 18 TOTAL UNITS

Required Core Courses . . . . . 12 Units

**SPECH1** Public Speaking . . . . . 3 Units

**SPECH6** Small Group Communication . . . . . 3 Units

**SPECH7** Interpersonal Communication . . . . . 3 Units

**SPECH13** Introduction to Communication Studies . . . . . 3 Units

Group B - Choose one . . . . . 3 Units

**SPECH3** Argumentation and Critical Thinking . . . . . 3 Units

**SPECH8** Intercultural Communication . . . . . 3 Units

**SPECH14** Persuasion . . . . . 3 Units

Group C - Choose One, or any List B course not used above . . . 3 Units

**ENGL1B** Critical Thinking & Writing About Literature . . . . . 3 Units

**ENGL1C** Critical Thinking/Advanced Composition . . . . . 3 Units

**PSYCH1A** General Psychology . . . . . 3 Units

**SOCIL1** Introduction To Sociology . . . . . 3 Units

**SPECH2** Oral Interpretation of Literature . . . . . 3 Units

# COMMUNICATION COURSES

## **SPECH1** Public Speaking 3.0 units

**Letter Grade Only — 54 lecture hours**

**Counts toward WCC Graduation Area D2**

**Transferable to both UC and CSU**

**C-ID:** COMM 110

**CSU GE-Breadth:** A1

**IGETC:** 1C

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.

## **SPECH2** Oral Interpretation of Literature 3.0 units

**Letter Grade Only — 54 lecture hours**

**Counts toward WCC Graduation Area C**

**Transferable to both UC and CSU**

**C-ID:** COMM 170

**CSU GE-Breadth:** C1, C2

Introduction to the analysis and interpretation of literature for oral reading. The 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.

## **SPECH3** Argumentation and Critical Thinking 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

**Language—Recommended eligibility for ENGL1A**

**Counts toward WCC Graduation Area D2**

**Transferable to both UC and CSU**

**C-ID:** COMM 120

**CSU GE-Breadth:** A1, A3

**IGETC:** 1C

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.

## **SPECH6** Small Group Communication 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

**Language—Recommended eligibility for ENGL1A**

**Counts toward WCC Graduation Area B, Area D2**

**Transferable to both UC and CSU**

**C-ID:** COMM 140

**CSU GE-Breadth:** A1

**IGETC:** 1C

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.

## **SPECH7** Interpersonal Communication 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

**Language—Recommended eligibility for ENGL1A**

**Counts toward WCC Graduation Area B, Area D2**

**Transferable to both UC and CSU**

**C-ID:** COMM 130

**CSU GE-Breadth:** A1

**IGETC:** 1C

**UC-TCA:** UC-B

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.

**SPECH8 Intercultural Communication**

3.0 units

**Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Counts toward WCC Graduation Area B, Area D2, Multicultural Graduation Requirement****Transferable to both UC and CSU***C-ID: COMM 150**CSU GE-Breadth: D**IGETC: 4**UC-TCA: UC-B*

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, group/interpersonal interactions.

**SPECH13 Introduction to Communication Studies**

3.0 units

**Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Counts toward WCC Graduation Area D2****Transferable to CSU only***C-ID: COMM 180*

A survey of the discipline of communication studies with emphasis on multiple epistemological, theoretical, and methodological issues relevant to the systematic inquire and pursuit of knowledge about human communication. This course explores the basic history, assumptions, principles, processes, variables, methods, and specializations of human communication as an academic field of study.

**SPECH16 Gender, Sexual Identity, and Communication**

3.0 units

**Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Counts toward WCC Graduation Area B****Transferable to CSU only**

Processes and theories of gender and communication; emergence of sexual identity and orientation in society; the power of language and stereotypes in private discourse and public dialogue; the impact of historical, social, ethical, cultural, and psychological factors on gendered communication in public and private contexts. Discussions focus on such topics as self-perceptions and images of men, women, and sexuality; language use and gendered differences in information processing; non-verbal communication; and self-disclosures, and self-assertion.

## **COOPERATIVE WORK EXPERIENCE EDUCATION**

See "Work Experience" on page 225

# COUNSELING

## DIVISION CONTACT

*Dr. Lisceth Brazil-Cruz*

*Vice President of Student Services*

**Office:** (530) 661-4202

**Counseling:** (530) 661-5703

## NO AWARD OFFERED

No Award Offered

## COUNSELING COURSES

### **COUNS10** College Success 3.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours**

**Counts toward WCC Graduation Area E**

**Transferable to both UC and CSU**

**CSU GE-Breadth: E**

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.

### **COUNS25** Career Planning and Development 3.0 units

**Letter Grade Only — 54 lecture hours**

**Counts toward WCC Graduation Area E**

**Transferable to CSU Only**

**CSU GE-Breadth: E**

Survey of techniques of career exploration and planning 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, life and personal circumstances. Students will create a comprehensive career plan/portfolio using career research and decision making strategies.

### **COUNS30** Transfer Preparation 2.0 units

**Letter Grade Only — 36 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Transferable to CSU only**

Preparation for a successful transfer experience to a university; emphasis on understanding the public and private university systems in California.



# CULINARY ARTS

## DIVISION CONTACT

Dr. Sandra Fowler  
Dean of CTE & Workforce Development  
Office: (530) 661-5729  
Counseling: (530) 661-5703

## DEGREES OFFERED

» Culinary Arts (A.A.)

## CERTIFICATES OFFERED

» Baking (Certificate)  
» Culinary Arts (Certificate)

## BAKING (CERTIFICATE)

### Certificate of Achievement

The Lake County Campus of Woodland Community College offers a Certificate of Achievement in Baking, Culinary Arts, and Associate of Arts in Culinary Arts. These certificates and degree are intended to provide students with the skills and abilities necessary to obtain employment in the growing bakery, restaurant and hospitality industry. Students that earn the certificate and/or have the ability to secure employment from restaurants, hotels, casinos, bakeries and other foodservice establishments. The students will learn: food safety and handling, recipe conversions, equipment selections, French techniques for pastry and dessert components and a variety of modern cooking methods and techniques. The Culinary Arts Associate of Arts prepares students with the skills to be the future Sous/Executive Chefs, Restaurant Managers and Food service Business Owners in the rapidly growing foodservice industry. This degree gives students the complete culinary skill set to be successful and the industry advantage of an accredited culinary degree.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Students can successfully cost a standardized pastry recipe and find it's accurate selling cost.
- ✓ Students can successfully create a bake shop|restaurant business plan.
- ✓ Students can demonstrate French pastry techniques.
- ✓ Student will understand and demonstrate the ability to clean, organize and sanitize according to industry standards in food handling and restaurant service.
- ✓ Student will understand and utilize the appropriate baking methods and techniques according to industry standards.
- ✓ Students will demonstrate professionalism in appearance, teamwork and promptness.

### Required Courses for Major

BAKING (CERTIFICATE) 18 TOTAL UNITS

Required Courses . . . . .16 Units

**BCA15** Business Computer Applications - Beginning . . . . .3 Units

**CUL72** Introduction to Purchasing for Food Service & Hospitality . . . 2 Units

**CUL73** Sanitation, Safety, and Storage . . . . .1 Units

**CUL74** Introduction to Baking and Pastry. . . . .3 Units

**CUL75** Advanced Baking and Pastry . . . . .3 Units

**CUL78** Introduction to Catering and Event Hospitality. . . . .2 Units

**CUL80** Food Service Operations and Management . . . . .2 Units

**AND** 2 units of CWEE45A-Occupational Work Experience-Volunteer  
OR CWEE45B-Occupational Work Experience-Paid . . . . .2 Units

## CULINARY ARTS (CERTIFICATE)

### Certificate of Achievement

This certificate will provide students with the skills and abilities necessary to obtain employment in the restaurant and hospitality industry. The industry includes restaurants, hotels, casinos, bakeries, and many other foodservice establishments. Students will learn food safety and handling, recipe conversions, equipment selections, and a variety of modern culinary cooking methods and techniques in one of our culinary facilities. The Culinary Arts Certificate of Achievement prepares students with the skills to enter the culinary industry as line cooks, prep cooks, and lead cooks. This gives students the basic culinary skillset to be successful to enter the industry with an accredited culinary certificate.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Student will understand and demonstrate the ability to clean, organize and sanitize according to industry standards in food handling, and restaurant service.
- ✓ Student will understand and utilize the appropriate cooking methods and techniques according to industry standards.
- ✓ Students will demonstrate professionalism in appearance, teamwork and promptness.
- ✓ Students can use a point of sale system to input on order at a restaurant.
- ✓ Student can accurately cost a recipe.

### Required Courses for Major

CULINARY ARTS (CERTIFICATE)	23.5 TOTAL UNITS
<b>CUL54</b> Sanitation, Safety, and Storage. ....	0.5 Units
<b>CUL72</b> Introduction to Purchasing for Food Service & Hospitality. ....	2 Units
<b>CUL74</b> Introduction to Baking and Pastry. ....	3 Units
<b>CUL76A</b> Basic Food Preparation. ....	3 Units
<b>CUL76B</b> Advanced Food Preparation. ....	3 Units
<b>CUL77A</b> Introduction to Restaurant Operations. ....	4 Units
<b>CUL77B</b> Advanced Restaurant Operations. ....	4 Units
<b>CUL78</b> Introduction to Catering and Event Hospitality. ....	2 Units
<b>CUL80</b> Food Service Operations and Management. ....	2 Units

## CULINARY ARTS (A.A.)

### AA: Associate in Arts

This degree will provide students with the skills and abilities necessary to obtain employment in the bakery, restaurant, and hospitality industry. The industry includes restaurants, hotels, casinos, bakeries, and many other food service establishments. Students will learn food safety and handling, recipe conversions, equipment selections, French techniques for pastry and dessert components, and a variety of modern cooking methods and techniques in one of our culinary facilities. The Culinary Arts Associate of Arts prepares students with the skills to be the future Line Cooks, Lead Cooks, Sous/Executive Chefs, Restaurant Managers, and Foodservice Business Owners in the foodservice industry. This program gives students the complete culinary skillset to be successful to enter the industry with an accredited culinary degree.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Student will understand and utilize the appropriate cooking methods and techniques according to industry standards.
- ✓ Students can create two seasonal sustainable 5 course menus using seafood from the Monterey Bay Aquarium's seafood watch program, local seasonal produce and proteins.
- ✓ Students can successfully cost a culinary menu item and find its accurate selling cost.
- ✓ Students will demonstrate professionalism in appearance, teamwork and promptness.
- ✓ Student will understand and demonstrate the ability to clean, organize and sanitize according to industry standards in food handling, and restaurant service.
- ✓ Students can use point of sale system to input on order at a culinary restaurant.

### Required Courses for Major

CULINARY ARTS (A.A.)	31.5 TOTAL UNITS
Required Courses. ....	28.5 Units
<b>CUL54</b> Sanitation, Safety, and Storage. ....	0.5 Units
<b>CUL72</b> Introduction to Purchasing for Food Service & Hospitality. ....	2 Units
<b>CUL74</b> Introduction to Baking and Pastry. ....	3 Units
<b>CUL75</b> Advanced Baking and Pastry. ....	3 Units
<b>CUL76A</b> Basic Food Preparation. ....	3 Units
<b>CUL76B</b> Advanced Food Preparation. ....	3 Units
<b>CUL77A</b> Introduction to Restaurant Operations. ....	4 Units
<b>CUL77B</b> Advanced Restaurant Operations. ....	4 Units
<b>CUL78</b> Introduction to Catering and Event Hospitality. ....	2 Units
<b>CUL79</b> Advanced Foods and Catering. ....	2 Units
<b>CUL80</b> Food Service Operations and Management. ....	2 Units

Electives. .... 3 Units

- BCA15** - Business Computer Applications Beginning. .... 3 Units
- NUTR10** Principles of Nutrition. .... 3 Units
- CWEE45** Occupational Work Experience. .... 3 Units

## CULINARY ARTS COURSES

### **CUL54** Sanitation, Safety, and Storage 0.5 units

**Letter Grade or Pass/No Pass — 9 lecture hours**

**Not Transferable**

Preparation for the ServSafe Certification course and examination. The ServSafe program trains both managers and employees to guard against food borne illnesses. Meets the State of California requirement for Certified Food Handler.

### **CUL72** Introduction to Purchasing for Food Service & Hospitality 2.0 units

**Letter Grade Only — 36 lecture hours**

**Not Transferable**

Analyzing and managing: food, beverage, labor and other costs within a hospitality operation. Emphasis on problem solving, applying cost control techniques to maximize profits while managing expenses. Topics include: establishing standards, cost-volume-profit-analysis, forecasting, purchasing and storage controls, menu costing and pricing, theft prevention and labor control.

### **CUL74** Introduction to Baking and Pastry 3.0 units

**Letter Grade Only — 18 lecture hours, 108 lab hours**

**Not Transferable**

This course covers fundamental baking skills for students who intend to specialize in baking and pastry making for commercial production. Production of yeast and quick breads, cakes, cookies, pies, and pastries, as well as decorating and icings are undertaken. Gourmet baked items and pastries are produced in a time-restricted quality-minded setting. This course is for students pursuing a career in culinary arts/culinary management.

### **CUL75** Advanced Baking and Pastry 3.0 units

**Letter Grade Only — 18 lecture hours, 108 lab hours**

**Requisites:**

Satisfactory completion of CUL74

**Not Transferable**

Modern advanced baking techniques and methods including French pastry and dessert making, artisanal bread making and savory baking items. Preparation takes place in the student-operated bake shop.

### **CUL76A** Basic Food Preparation 3.0 units

**Letter Grade Only — 18 lecture hours, 108 lab hours**

**Limitations on enrollment:**

Not open for credit to students with credit in CUL76

**Not Transferable**

Introduction to food preparation includes modern cooking techniques (including sauce making, meat cutting, lunch and dinner entrée preparation), knife skills, operation of food service equipment and tools, history of culinary arts development, safety and sanitation, and recipe development.

### **CUL76B** Advanced Food Preparation 3.0 units

**Letter Grade or Pass/No Pass — 18 lecture hours, 108 lab hours**

**Requisites:**

Satisfactory completion of CUL76A

**Limitations on enrollment:**

Not open for credit to students with credit in CUL76

**Not Transferable**

Advanced food preparation focuses on modern restaurant cooking methods, such as garde manger, French stock methods, and sauce making. This course will also cover advanced principles of meat cookery, advanced meat & seafood fabrication. Mise en place practices, and advanced vegetable starch identification. Advanced knife skills developed.

**CUL77A Introduction to Restaurant Operations 4.0 units**

**Letter Grade Only — 18 lecture hours, 162 lab hours**

**Limitations on enrollment:**

*Not open for credit to students with credit in CUL77*

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**Not Transferable**

Set-up and operations of the campus restaurant, including planning,  
preparing, cooking, and serving food in the student-operated restaurant.

**CUL77B Advanced Restaurant Operations 4.0 units**

**Letter Grade Only — 18 lecture hours, 162 lab hours**

**Requisites:**

*Satisfactory completion of CUL77A*

**Limitations on enrollment:**

*Not open for credit to students with credit in CUL77*

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**Not Transferable**

Setup and management of a restaurant, including: Cooking, scheduling, marketing, inventory menu planning and costing. This dynamic course will prepare students to operate and manage a full-service restaurant.

**CUL78 Introduction to Catering and Event Hospitality 2.0 units**

**Letter Grade Only — 18 lecture hours, 54 lab hours**

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**Not Transferable**

Introduction to event set up, service, preparation and break down. Principles of special event hospitality as it applies to event organization and logistics.

**CUL79 Advanced Foods and Catering 2.0 units**

**Letter Grade Only — 18 lecture hours, 54 lab hours**

**Requisites:**

*Satisfactory completion of CUL78*

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**Not Transferable**

Plan, prepare and serve several large and small catered events during the semester.

**CUL80 Food Service Operations and Management 2.0 units**

**Letter Grade Only — 36 lecture hours**

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**Not Transferable**

Nature and importance of food service management, including planning, organizing, controlling, and developing a realistic and dynamic personnel program.

# EARLY CHILDHOOD EDUCATION

## DIVISION CONTACT

Dr. Sandra Fowler

Dean of CTE & Workforce Development

Office: (530) 661-5729

Counseling: (530) 661-5703

## DEGREES OFFERED

» Early Childhood Education (A.S.-T)

» Early Childhood Education (A.S.)

## CERTIFICATES OFFERED

» Child Development Associate Teacher (Certificate)

» Child Development Master Teacher (Certificate)

» Child Development Teacher (Certificate)

## CHILD DEVELOPMENT ASSOCIATE TEACHER (CERTIFICATE)

### Certificate of Achievement

This certificate prepares students to work as Associate Teachers in Early Childhood Care and Education programs.

Students with this certificate may be able to get jobs as teachers at private organizations; state- and federally-funded centers require a state Child Development Permit, which has additional requirements (see Program Requirements).

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Develop foundational knowledge of early childhood care and education.
- ✓ Demonstrate familiarity with professional ethics, personal and social responsibility, and effective team membership in their work as child care profession.

### Required Courses for Major

CHILD DEVELOPMENT ASSOCIATE TEACHER (CERTIFICATE) 12 TOTAL UNITS

Required Courses . . . . . 12 Units

**ECE1A** Principles and Practices of Teaching Young Children . . . 3 Units

**ECE1B** Introduction to Curriculum . . . . . 3 Units

**ECE3** Child Growth and Development . . . . . 3 Units

**ECE31** Child, Family, Community . . . . . 3 Units

The California Child Development Associate Teacher Permit also requires 50 days of experience at 3+ hours per day within 2 years.

## CHILD DEVELOPMENT TEACHER (CERTIFICATE)

### Certificate of Achievement

This certificate builds on the Associate Teacher Certificate of Achievement, requiring additional courses that prepare students to work as teachers in Early Childhood Care and Education programs.

Students with this certificate may be able to get jobs as teachers at private organizations; state- and federally-funded centers require a state Child Development Permit, which has additional requirements (see Program Requirements).

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Students will learn and practice professional ethics, personal and social responsibility, and effective team membership in their work as child care professionals.
- ✓ 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.
- ✓ 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.

## Required Courses for Major

**CHILD DEVELOPMENT TEACHER (CERTIFICATE) 24 TOTAL UNITS**

**Required Courses 18 Units**

- ECE1A** Principles and Practices of Teaching Young Children . . . 3 Units
- ECE1B** Introduction to Curriculum . . . 3 Units
- ECE3** Child Growth and Development . . . 3 Units
- ECE11** Observation and Assessment . . . 3 Units
- ECE31** Child, Family, Community . . . 3 Units
- ECE45** Practicum in Early Childhood Education . . . 3 Units

**Electives: Choose 6 units. 6 Units**

- ECE4** Positive Social Development in Young Child . . . 3 Units
- ECE7** Creative Materials . . . 3 Units
- ECE8** Worldwide Arts for Children . . . 3 Units
- ECE10** Health, Safety, and Nutrition . . . 3 Units
- ECE17** Introduction to Children with Special Needs . . . 3 Units
- ECE27** Teaching in a Diverse Society . . . 3 Units
- ECE42** Infant/Toddler Development . . . 3 Units
- ECE39** Children's Literature . . . 3 Units

The California Child Development Teacher Permit (required for jobs at state- and federally-funded programs), requires an additional 16 units of General Education (one course in each of four categories: English/Language Arts; Math or Science; Social Science; Humanities/Fine Arts). Students should see a counselor for help selecting General Education courses.

The California Child Development Teacher Permit also requires 175 days of experience at 3+ hours per day within 4 years.

## CHILD DEVELOPMENT MASTER TEACHER (CERTIFICATE)

### Certificate of Achievement

This certificate builds on the Child Development Teacher Certificate of Achievement, requiring additional courses in a specialization area (infant/toddler care, before/after school care for school age children, or children with special needs). The additional coursework prepares students to work as Master Teachers in Early Childhood Care and Education programs.

Students with this certificate may be able to get jobs as Master Teachers at private organizations; state- and federally-funded centers require a state Child Development Permit, which has additional requirements (see Program Requirements).

### Student Learning Outcomes

**Upon successful completion of this program, students will be able to:**

- ✓ *Demonstrate awareness of professional ethics, personal and social responsibility, and effective team membership in their work as child care professionals.*
- ✓ *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.*
- ✓ *Develop competency in an area of specialization with infants and toddlers, school-age children, or children with special needs.*
- ✓ *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.*
- ✓ *Develop proficiency in supervising other adults in a childcare setting.*

### Required Courses for Major

**CHILD DEVELOPMENT MASTER TEACHER (CERTIFICATE) 32 TOTAL UNITS**

**Required Courses 20 Units**

- ECE1A** Principles and Practices of Teaching Young Children . . . 3 Units
- ECE1B** Introduction to Curriculum . . . 3 Units
- ECE3** Child Growth and Development . . . 3 Units
- ECE11** Observation and Assessment . . . 3 Units
- ECE31** Child, Family, Community . . . 3 Units
- ECE37** Adult Supervision . . . 2 Units
- ECE45** Practicum in Early Childhood Education . . . 3 Units

**Electives: Choose 6 units. 6 Units**

- ECE4** Positive Social Development in Young Child . . . 3 Units
- ECE7** Creative Materials . . . 3 Units
- ECE8** Worldwide Arts for Children . . . 3 Units
- ECE10** Health, Safety, and Nutrition . . . 3 Units
- ECE27** Teaching in a Diverse Society . . . 3 Units
- ECE39** Children's Literature . . . 3 Units

**Specialization: Choose 6 units within the same specialization. 6 Units**

**COMPLETE ALL OF THE FOLLOWING**

- ECE42** Infant/Toddler Development . . . 3 Units
- ECE43** Care and Education for Infants and Toddlers . . . 3 Units

**COMPLETE ALL OF THE FOLLOWING**

- ECE14** The School Age Child . . . 3 Units
- ECE25** Group Experiences in Outdoor Environment . . . 3 Units



#### COMPLETE ALL OF THE FOLLOWING

**ECE17** Introduction to Children with Special Needs . . . . .3 Units

**ECE18** Curriculum and Strategies for Children with Special Needs . . 3 Units

The California Child Development Master Teacher Permit (required for jobs at state- and federally-funded programs), requires an additional 16 units of General Education

(one course in each of four categories: English/Language Arts; Math or Science; Social Science; Humanities/Fine Arts). Students should see a counselor for help selecting General Education courses.

The California Child Development Master Teacher Permit also requires 350 days of experience at 3+ hours per day within 4 years.

## EARLY CHILDHOOD EDUCATION (A.S.-T)

### AS-T: Associate in Science for Transfer

The Associate in Science in Early Childhood Education for Transfer is intended for students who plan to complete a bachelor's degree in early childhood education or a related major at a CSU campus. Students completing this degree are guaranteed admission to the CSU system with junior status, but not to a particular campus or major. Students transferring to a CSU campus that does accept this degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree.

The Associate in Science in Early Childhood Education for Transfer degree requirements (as stated in SB1440 law) requires students to complete the following:

- a minimum of 18 semester in the major or area of emphasis as determined by the community college district.
- 60 semester CSU transferable units
- California State University General Education-Breadth (CSU GE-Breadth) pattern of 39 units; OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern of 37 units.
- Obtainment of a minimum grade point average (GPA) of 2.0.
- Earn a grade of "C" or better in all courses required for the major or area of emphasis.

Students should consult with a counselor for more information on university admission and transfer requirements.

### Student Learning Outcomes

**Upon successful completion of this program, students will be able to:**

- ✓ *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.*
- ✓ *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.*
- ✓ *Students will learn and practice professional ethics, personal and social responsibility, and effective team membership in their work as child care professionals.*

### Required Courses for Major

#### EARLY CHILDHOOD EDUCATION (A.S.-T)

24 TOTAL UNITS

**ECE1A** Principles and Practices of Teaching Young Children . . . 3 Units

**ECE1B** Introduction to Curriculum . . . . .3 Units

**ECE3** Child Growth and Development . . . . .3 Units

**ECE10** Health, Safety, and Nutrition . . . . .3 Units

**ECE11** Observation and Assessment . . . . .3 Units

**ECE27** Teaching in a Diverse Society . . . . .3 Units

**ECE31** Child, Family, Community . . . . .3 Units

**ECE45** Practicum in Early Childhood Education . . . . .3 Units

## EARLY CHILDHOOD EDUCATION (A.S.)

### AS: Associate in Science

This degree prepares students for a variety of careers in Early Childhood Care and Education. The degree includes General Education courses, which are required for most California Child Development Permits, and can lead to higher wages and more opportunities for career advancement. Positions are available nationwide in preschools, child care facilities, private homes, recreation programs, child development centers on K-12 school sites, and human service agencies.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ 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.
- ✓ 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.
- ✓ Students will learn and practice professional ethics, personal and social responsibility, and effective team membership in their work as child care professionals.

### Required Courses for Major

EARLY CHILDHOOD EDUCATION (A.S.) 60 TOTAL UNITS

Required Courses . . . . . 18 Units

- ECE1A** Principles and Practices of Teaching Young Children . . . 3 Units
- ECE1B** Introduction to Curriculum . . . . . 3 Units
- ECE3** Child Growth and Development . . . . . 3 Units
- ECE11** Observation and Assessment . . . . . 3 Units
- ECE31** Child, Family, Community . . . . . 3 Units
- ECE45** Practicum in Early Childhood Education . . . . . 3 Units

Electives: Choose 6 units. . . . . 6 Units

- ECE4** Positive Social Development in Young Child . . . . . 3 Units
- ECE7** Creative Materials . . . . . 3 Units
- ECE8** Worldwide Arts for Children . . . . . 3 Units
- ECE10** Health, Safety, and Nutrition . . . . . 3 Units
- ECE27** Teaching in a Diverse Society . . . . . 3 Units
- ECE37** Adult Supervision . . . . . 2 Units
- ECE39** Children's Literature . . . . . 3 Units

Specialization: Choose 6 units within the same specialization. . 6 Units

COMPLETE ALL OF THE FOLLOWING

- ECE2A** Admin I: Programs in Early Childhood Education . . . . . 3 Units
- ECE2B** Admin II: Personnel and Leadership in Early Childhood Education . . . . . 3 Units

COMPLETE ALL OF THE FOLLOWING

- ECE42** Infant/Toddler Development . . . . . 3 Units
- ECE43** Care and Education for Infants and Toddlers . . . . . 3 Units

COMPLETE ALL OF THE FOLLOWING

- ECE14** The School Age Child . . . . . 3 Units
- ECE25** Group Experiences in Outdoor Environment . . . . . 3 Units

COMPLETE ALL OF THE FOLLOWING

- ECE17** Introduction to Children with Special Needs . . . . . 3 Units
- ECE18** Curriculum and Strategies for Children with Special Needs . . 3 Units

The California Child Development Site Supervisor Permit (required for jobs at state- and federally-funded programs) also requires 350 days of experience at 3+ hours per day within 4 years, including at least 100 days of supervising adults.

The California Child Development Master Teacher Permit (required for jobs at state- and federally-funded programs) also requires 350 days of experience at 3+ hours per day within 4 years.

**Plus** 30 additional degree-applicable units, including the WCC General Education and Graduation Requirements. . . . . 30 Units

# EARLY CHILDHOOD EDUCATION COURSES

## **ECE1A** Principles and Practices of Teaching Young Children 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Transferable to CSU only**

**C-ID:** ECE 120

Historical context and theoretical perspectives of developmentally appropriate practices in early care and education. Examines the role of the early childhood educator, identification of best practices for environmental design, curriculum, and teaching strategies. Explores teacher-child relationships, professional ethics, career pathways and professional standards.

## **ECE1B** Introduction to Curriculum 3.0 units

**Letter Grade Only — 54 lecture hours**

**Requisites:**

*Satisfactory completion of ECE1A and ECE3*

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**Transferable to CSU only**

**C-ID:** ECE 130

Developmentally appropriate curriculum and environments for young children. Explores teaching strategies and curriculum development based on theoretical frameworks, observation, and assessment. Emphasizes the teacher's role in supporting development and learning across the curriculum, including all content areas.

## **ECE2A** Admin I: Programs in Early Childhood Education 3.0 units

**Letter Grade Only — 54 lecture hours**

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**Transferable to CSU only**

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.

## **ECE2B** Admin II: Personnel and Leadership in Early Childhood Education 3.0 units

**Letter Grade Only — 54 lecture hours**

**Requisites:**

*Satisfactory completion of ECE2A*

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**Transferable to CSU only**

Effective strategies for personnel management and leadership in early care and education settings. Includes legal and ethical responsibilities, supervision techniques, professional development, and reflective practices for a diverse and inclusive early care and education program.

## **ECE3** Child Growth and Development 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Counts toward WCC Graduation Area B**

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**Transferable to both UC and CSU**

**C-ID:** CDEV 100

**CSU GE-Breadth:** D, E

**IGETC:** 4

**UC-TCA:** UC-B

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.

**ECE4 Positive Social Development in Young Child** 3.0 units**Letter Grade Only — 54 lecture hours****Limitations on enrollment:***Not open for credit to students with credit in ECE1C***Transferable to CSU only**

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 pro-social behavior.

**ECE7 Creative Materials** 3.0 units**Letter Grade Only — 45 lecture hours, 27 lab hours****Limitations on enrollment:***Not open for credit to students with credit in ECE7A***Transferable to CSU only**

Creative activities for young children (2-8 years old) including the planning and implementation of painting, drawing, printmaking, weaving, stitchery, collage, sculpture, puppet-making, and modeling materials.

**ECE8 Worldwide Arts for Children** 3.0 units**Letter Grade Only — 45 lecture hours, 27 lab hours****Limitations on enrollment:***Not open for credit to students with credit in ECE7B***Transferable to CSU only**

Culturally sensitive and diverse art activities for young children including planning and integrating projects across the curriculum. Construction of age-appropriate art objects representative of cultures and regions in West Africa, the Middle East, Europe, Asia, Mexico, Central America, South America, Caribbean Islands, the United States and Canada.

**ECE10 Health, Safety, and Nutrition** 3.0 units**Letter Grade Only — 54 lecture hours****Transferable to CSU only****C-ID: ECE 220**

Introduction to the laws, regulations, standards, policies, procedures, and best practices related to child health, safety, and nutrition in early childhood settings. This includes prevention strategies, nutrition, and meal planning for various ages and planning educational experiences integrated into daily routines designed to teach children positive health, safety, and nutrition.

**ECE11 Observation and Assessment** 3.0 units**Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Transferable to CSU only****C-ID: ECE 200**

This course focuses on the appropriate use of assessment and observation strategies to document development, growth, play, and learning 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.

**ECE14 The School Age Child** 3.0 units**Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Transferable to CSU only**

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.

**ECE17 Introduction to Children with Special Needs**  
3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Transferable to CSU only**

Introduces the variations in development of children with special needs ages birth through eight and the resulting impact on families. Includes an overview of historical and societal influences, laws relating to children with special needs, and the identification and referral process.

**ECE18 Curriculum and Strategies for Children with Special Needs**  
3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Area B**

**Transferable to CSU only**

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.

**ECE25 Group Experiences in Outdoor Environment**  
3.0 units

**Letter Grade Only — 54 lecture hours**

**Transferable to CSU only**

Developing creative outdoor learning environments including playgrounds, activities, and cooperative games. Developmentally appropriate activities, circle times, and daily planned group experiences will also be explored and developed.

**ECE27 Teaching in a Diverse Society** 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Multicultural Graduation Requirement**

**Transferable to CSU only**

**C-ID: ECE 230**

Examination of the development of social identities in diverse societies including theoretical and practical implications of oppression and privilege as they apply to young children, families, programs, classrooms and teaching. Various classroom strategies will be explored emphasizing culturally and linguistically appropriate anti-bias approaches supporting all children in becoming competent members of a diverse society. Course includes self-examination and reflection on issues related to social identity, stereotypes and bias, social and educational access, media and schooling.

**ECE31 Child, Family, Community** 3.0 units

**Letter Grade Only — 54 lecture hours**

**Counts toward WCC Graduation Area B**

**Transferable to both UC and CSU**

**C-ID: CDEV 110**

**CSU GE-Breadth: D**

**IGETC: 4**

**UC-TCA: UC-B**

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.

**ECE37 Adult Supervision**

2.0 units

**Letter Grade Only — 36 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Transferable to CSU only**

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 requirement for the State Department of Social Services.

**ECE39 Children's Literature**

3.0 units

**Letter Grade Only — 54 lecture hours****Counts toward WCC Graduation Area C****Transferable to CSU only***CSU GE-Breadth: C2*

An introduction to children's literature: history, elements, and types of books of interest to children from birth through eight years old. Students will read, share, and plan activities around classical, cultural, and award-winning books. Methods of selecting and evaluating books will be applied.

**ECE42 Infant/Toddler Development**

3.0 units

**Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Counts toward WCC Graduation Area B****Transferable to CSU only**

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.

**ECE43 Care and Education for Infants and Toddlers**  
3.0 units**Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Transferable to CSU only**

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.

**ECE45 Practicum in Early Childhood Education** 3.0 units**Letter Grade Only — 18 lecture hours, 108 lab hours****Requisites:***Satisfactory completion of ECE1A and ECE1B and ECE3 and ECE31***Limitations on enrollment:***Not open for credit to students with credit in ECE46, 46A, 46B, or 46C***Transferable to CSU only***C-ID: ECE 210*

A demonstration of developmentally appropriate early childhood teaching competencies under guided supervision. Students will utilize practical classroom experiences to make connections between theory and practice, 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. Students are required to complete 108 hours in addition to weekly lecture at a qualified licensed preschool, school-age, infant-toddler or special needs program.



# ECOLOGY

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## NO AWARD OFFERED

No Award Offered

## ECOLOGY COURSES

### ECOL10 Environment-Concepts and Issues 3.0 units

**Letter Grade Only — 54 lecture hours**

#### **Transferable to both UC and CSU**

CSU GE-Breadth: B1, B2  
IGETC: 5B  
UC-TCA: UC-S

Ecology studies the interaction and interdependence among living organisms in their environment. The course presents fundamental scientific principles in examining how natural ecosystems function, focusing on physical, chemical, and biological processes within the Earth system, and how human actions affect natural ecosystems. Emphasis is placed on the role of science in determining causes and in contributing solutions to local and global environmental problems. Topics include ecological principles, biodiversity, climate change, sustainability, renewable and non-renewable energy, water resources, air and water pollution, and solid waste management.

### ECOL10L Environment Lab 1.0 unit

**Letter Grade or Pass/No Pass — 54 lab hours**

#### **Requisites:**

Concurrent enrollment in or satisfactory completion of ECOL10

#### **Advisories:**

Language—Recommended eligibility for ENGL1A

#### **Counts toward WCC Graduation Area A**

#### **Transferable to CSU only**

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.

# ECONOMICS

## DIVISION CONTACT

Dr. Sandra Fowler  
Dean of CTE & Workforce Development  
Office: (530) 661-5729  
Counseling: (530) 661-5703

## DEGREES OFFERED

»Economics (A.A.-T)

## ECONOMICS (A.A.-T)

### AA-T: Associate in Arts for Transfer

Economics is the study of how the individual or society allocates scarce resources to satisfy unlimited wants. The Associate in Arts in Economics for Transfer is designed to prepare students for a seamless transfer into the CSU system to complete a baccalaureate degree in Economics or similar major. For economics majors with the goal of applying to CSU as well as UC, there's a lot of overlap in coursework; students who are applying to UC should opt to take both MATH 1A and 1B. Students completing a bachelor's or more advanced degree in Economics may find employment as market researchers, educators, budget analysts, statisticians, economists, or government or banking employees.

The following is required for all AA-T or AS-T degrees:

- Minimum of 60 CSU-transferable semester units.
- Minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
- Completion of a minimum of 18 semester units in an "AA-T" or AS-T" major as detailed in the transfer section of the catalog.
- All courses in the major must be completed with a grade of C or better or a "P" if the course is taken on a pass/no pass basis.
- Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Explain terms and concepts used in macroeconomics and microeconomics.
- ✓ Apply critical thinking skills to evaluate the credibility of economic theories, concepts, and research.
- ✓ Solve problems requiring the application of economics, statistics, and mathematics.

### Required Courses for Major

ECONOMICS (A.A.-T) 20-23 TOTAL UNITS

**ECON1A** Elementary Economics-Macro.....3 Units

**ECON1B** Elementary Economics-Micro .....3 Units

**STAT1** Introduction To Statistical Methods .....4 Units

**Math Course (select one course)** .....4-5 Units

**MATH1A** Single Variable Calculus I -- Early Transcendentals...5 Units

**MATH9** Calculus for Business, Social and Life Sciences .....4 Units

**Major Electives (select two courses)** .....6-8 Units

**ACCT1** Principles of Accounting-Financial .....4 Units

**ACCT2** Principles of Accounting-Managerial .....4 Units

**GNBUS18** Business Law. ....3 Units

**MATH1B** Single Variable Calculus II -Early Trans .....4 Units

**SOCIL1** Introduction To Sociology.....3 Units

## ECONOMICS COURSES

### **ECON1A** Elementary Economics-Macro 3.0 units

**Letter Grade Only — 54 lecture hours**

**Requisites:**

Satisfactory completion of MATH101 or MATH101B or 50 or 50B or equivalent

**Advisories:**

Language—Recommended eligibility for ENGL1A

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**Counts toward WCC Graduation Area B**

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**Transferable to both UC and CSU**

C-ID: ECON 202

CSU GE-Breadth: D

IGETC: 4

UC-TCA: UC-B

Economic principles, problems and policies. Theories related to various economic problems and policies; i.e. Inflation, recession, taxation, poverty, agriculture, economic development, the environment. Includes possible solutions to these problems. Emphasizes macro-economics.

### **ECON1B** Elementary Economics-Micro 3.0 units

**Letter Grade Only — 54 lecture hours**

**Requisites:**

Satisfactory completion of MATH101 or MATH101B or 50 or 50B or equivalent

**Advisories:**

Language—Recommended eligibility for ENGL1A

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**Counts toward WCC Graduation Area B**

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**Transferable to both UC and CSU**

C-ID: ECE 201

CSU GE-Breadth: D

IGETC: 4

UC-TCA: UC-B

Economic principles, problems and policies. Theories include: price theory or theory of the firm, labor economics, foreign trade and comparative economic systems. Emphasizes micro-economics.

# EDUCATION

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## CERTIFICATES OFFERED

» College Success (Certificate)

## COLLEGE SUCCESS (CERTIFICATE)

### Certificate of Achievement

This certificate is designed for students who want to learn more about increasing college success and are looking for a pathway to transfer to a four-year institution. The certificate requires coursework in English and math, as well as study skills, student success, and navigating the education system. Students who complete this certificate will be prepared for transfer-level coursework in English and Math, earn 10 transferable units to CSU and UC, and complete up to 12 units of general education requirements for WCC, CSU, and IGETC.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Identify and practice foundational skills for college success.
- ✓ Develop transfer-level competency in computation and composition.
- ✓ Analyze structural and cultural factors that impact student success in the education pipeline.

### Required Courses for Major

COLLEGE SUCCESS (CERTIFICATE) 18 TOTAL UNITS

Required Courses . . . . . 15 Units

**COUNS10** College Success . . . . . 3 Units  
**EDUC15** Educational Inequities in the U.S. School System. . . . 3 Units  
**ENGL51** Preparatory Composition and Reading . . . . . 4 Units  
**LIBSC1** Basic Research Skills . . . . . 1 Units  
**MATH52** Intermediate Algebra. . . . . 4 Units

Elective (choose one) . . . . . 3 Units

**ETHN1** Introduction To Chicano Studies . . . . . 3 Units  
**ETHN2** Introduction to Native American Studies . . . . . 3 Units  
**ETHN6** History of Race and Ethnicity in America . . . . . 3 Units  
**ETHN11** Introduction to Ethnic Studies . . . . . 3 Units  
**SPECH1** Public Speaking. . . . . 3 Units

ENGL 51 can be replaced with 4 units of any transfer level ENGL class.

MATH 52 can be replaced with 4 units of any transfer level MATH or STAT class.

# EDUCATION COURSES

## **EDUC1** Introduction To Teaching With Field Experience 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Area E, Multicultural Graduation Requirement**

**Transferable to both UC and CSU**

Prospective teachers are placed in selected K-12 schools that have been recognized for exemplary practices and whose student population represents California's diversity. Course content includes a review of California Standards for the Teaching Profession, review of cognitive and learning studies, current issues in K-12 education, characteristics of successful teachers, and effective communication skills for the teaching profession.

## **EDUC15** Educational Inequities in the U.S. School System 3.0 units

**Letter Grade Only — 54 lecture hours**

**Counts toward WCC Graduation Area B, Multicultural Graduation Requirement**

**Transferable to both UC and CSU**

*CSU GE-Breadth: D*

*IGETC: 4*

*UC-TCA: UC-B*

This course examines the social, political, economic, and historical context of inequities in the U.S. education system, from preschool to higher education. Students will be introduced to a set of concepts and theories from which to better understand the educational experiences and realities of historically underrepresented students. The course will also challenge students to be more reflective about their educational experiences, and to apply the concepts introduced in class to an analysis of their own educational and service learning experiences.

# EMERGENCY MEDICAL TECHNICIAN

## DIVISION CONTACT

Dr. Sandra Fowler

Dean of CTE & Workforce Development

Office: (530) 661-5729

Counseling: (530) 661-5703

## NO AWARD OFFERED

### No Award Offered

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.

## EMERGENCY MEDICAL TECHNICIAN COURSES

### EMT61 Emergency Medical Technician

7.5 units

**Letter Grade Only — 99 lecture hours, 108 lab hours**

#### Requisites:

Students must be 18 years of age at the start of the EMT course. Students will be required to possess a current American Heart Association BLS Provider CPR certification. Students will be required to provide proof of two (2) negative TB skin tests (or negative chest x-ray following a positive response from the first test), provide proof of immunizations for Measles, Mumps, and Rubella (MMR), Varicella (or positive titre), Hepatitis B series or signed declination, current Diphtheria, Tetanus, Pertussis (Tdap), and current influenza vaccine. Students must have all of the required specified textbooks and must be prepared to purchase their EMT uniform and additional materials. Uniforms must be worn to all EMT class oriented activities. Students will also be required to complete a criminal background and drug screening in compliance with class mandates. This will be completed through a specified vendor.

#### Not Transferable

### EMT252 EMT Refresher

1.0 unit

**Letter Grade Only — 16 lecture hours, 8 lab hours**

#### Requisites:

Satisfactory completion of EMT61 current CPR Certification for Healthcare Provider or Professional Rescuer and current certification as EMT-I

#### Not Transferable

Designed to provide the student with 24 hours of Continuing Education Units including review, up-dated information, and skills assessment necessary for pre-hospital care of medical and traumatic emergencies. Satisfies National Registry and State requirements for EMT recertification.

The EMT program is a comprehensive curriculum for Emergency Medical Care workers in a pre-hospital environment. Practical skills training includes hands-on skills training and interactive simulations for medical emergencies and traumatic injuries. This course meets requirements of California Code of Regulations Title 22, the California EMS Authority and National Registry of Emergency Medical Technicians (NREMT). Upon successful completion, students are eligible to take the NREMT certifying examination and qualify for a California State EMT certification. Students are required to complete 24 additional hours of clinical experience outside of scheduled hours per Title 22. A mandatory orientation will be held prior to the start of class.



# ENGLISH

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## DEGREES OFFERED

»English (A.A.-T)

## ENGLISH (A.A.-T)

### AA-T: Associate in Arts for Transfer

The Woodland Community College English Program is dedicated to promoting an appreciation of the English language and its literatures, and to cultivating its effective use in creative expression and day-to-day life. Students in the English program learn to read thoughtfully, think critically, and express themselves clearly and persuasively. The study of composition, literature, and creative writing fosters creative and critical abilities, promotes multiculturalism and tolerance in a globalized world, and cultivates understanding of the cultural, historical, ethical, aesthetic, and linguistic forces that shape our lives. Students will develop essential writing proficiencies as they engage in learning across the disciplines and prepare to enter careers and involve themselves in their communities. The English department offers the Associate in Arts in English for Transfer degree, which is designed to provide a clear pathway to a California State University for students transferring in English or a related major.

In addition to completing courses in the major of study, students completing the Associate in Arts in English for Transfer degree must also complete the following to comply with SB1440 law:

- 60 semester CSU-transferable units
- Completion of minimum of 18 semester units in major with a grade of C or better or a "P" if the courses is taken on a "pass-no pass" basis.
- The California State University-General Education Breadth pattern (CSU GE-Breadth); or the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- 2.0 GPA

The English department supports the annual publication of the student-run literary magazine, Ink, A Literary Arts Magazine.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Interpret, analyze, or respond to the writing of others and incorporate the ideas of others in one's own writing.
- ✓ Write clearly and concisely on assigned topics consistent with and appropriate for the intended audience and purpose.

### Required Courses for Major

ENGLISH (A.A.-T) 19 TOTAL UNITS

Required Courses . . . . . 4 Units

**ENGL1B** Argumentative Writing and Critical Thinking through Literature . . . . . 4 Units

List A: select 2 courses . . . . . 6 Units

**ENGL30A** Introduction To American Literature, I . . . . . 3 Units

**ENGL30B** Introduction To American Literature, II . . . . . 3 Units

**ENGL46A** Introduction To English Literature, I . . . . . 3 Units

**ENGL46B** Introduction To English Literature II . . . . . 3 Units

List B: select 2 courses . . . . . 6 Units

**ENGL23** Literature Through Film . . . . . 3 Units

**ENGL31** Introduction to Creative Writing . . . . . 3 Units

**ENGL38** Children's Literature . . . . . 3 Units

**ENGL42** Introduction To Shakespeare . . . . . 3 Units

Or any course not selected from List A

List C: Select one course . . . . . 3 Units

**ENGL-36** American Ethnic Voices . . . . . 3 Units

**ENGL-37** Women's Voices . . . . . 3 Units

Or any course not selected from List A or B

# ENGLISH COURSES

## ENGL1A College Composition and Reading 4.0 units

**Letter Grade Only — 72 lecture hours**

**Requisites:**

Satisfactory completion of ENGL51 or by placement

**Counts toward WCC Graduation Area D1, Writing Competency Requirement**

**Transferable to both UC and CSU**

C-ID: ENGL 100

CSU GE-Breadth: A2

IGETC: 1A

UC-TCA: UC-E

Development of analytical reading and the writing of college-level essays, including critical analysis, rhetorical forms, and collegiate research.

## ENGL1B Argumentative Writing and Critical Thinking through Literature 4.0 units

**Letter Grade Only — 72 lecture hours**

**Requisites:**

Satisfactory completion of ENGL1A

**Limitations on enrollment:**

Not open for credit to students with credit in ENGL1C

**Counts toward WCC Graduation Area D2**

**Transferable to both UC and CSU**

C-ID: ENGL 110

CSU GE-Breadth: A3, C2

IGETC: 1B, 3B

UC-TCA: UC-E

This course offers instruction in analytical, critical, and argumentative writing, critical thinking, research strategies, information literacy, and proper documentation through the study of literary works from major genres, while developing students' close reading skills and promoting an appreciation for the aesthetic qualities of literature.

## ENGL1C Critical Thinking/Advanced Composition 3.0 units

**Letter Grade Only — 54 lecture hours**

**Requisites:**

Satisfactory completion of ENGL1A

**Advisories:**

Language—Recommended eligibility for ENGL1A

**Counts toward WCC Graduation Area D2**

**Transferable to both UC and CSU**

C-ID: ENGL 105

CSU GE-Breadth: A3

IGETC: 1B

UC-TCA: UC-E

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).

## ENGL1X Support for English 1A 1.0 unit

**Pass/No Pass Only — 9 lecture hours, 27 lab hours**

**Requisites:**

Concurrent enrollment in or satisfactory completion of ENGL1A

**Transferable to CSU only**

This course provides additional support and hands-on practice in critical reading and writing instruction for ENGL 1A students. The course will focus on college reading, writing, and academic success strategies, including critical thinking, composition, and grammar conventions.

## ENGL23 Literature Through Film 3.0 units

**Letter Grade Only — 54 lecture hours**

**Requisites:**

Satisfactory completion of ENGL51 or by placement

**Counts toward WCC Graduation Area C**

**Transferable to CSU only**

A close analysis of selected themes in literature and its fundamental elements as interpreted on film. Students view and analyze film interpretations of the traditional genres of fiction, poetry and drama.

**ENGL30A** Introduction To American Literature, I 3.0 units**Letter Grade Only — 54 lecture hours****Requisites:***Satisfactory completion of ENGL51***Counts toward WCC Graduation Area C****Transferable to both UC and CSU***C-ID: ENGL 130**CSU GE-Breadth: C2**IGETC: 3B**UC-TCA: UC-H*

A survey of American literature from its beginning 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 and Dickenson. Special attention will be paid to major literature genres, themes, and historical backgrounds.

**ENGL30B** Introduction To American Literature, II 3.0 units**Letter Grade Only — 54 lecture hours****Requisites:***Satisfactory completion of ENGL51***Counts toward WCC Graduation Area C****Transferable to both UC and CSU***C-ID: ENGL 135**CSU GE-Breadth: C2**IGETC: 3B**UC-TCA: UC-H*

A survey of American Literature from 1865 through the early Twenty-first Century. Writers covered include, among others, Clemens, Du Bois, James, Wharton, Frost, Faulkner, Hemingway, Hughes, Brooks, Wright, Roth, Rich, and Morrison.

**ENGL31** Introduction to Creative Writing 3.0 units**Letter Grade Only — 54 lecture hours****Requisites:***Recommended completion of English 1B***Counts toward WCC Graduation Area C****Transferable to both UC and CSU***C-ID: ENGL 200*

Introduction to the craft of creative writing through the study and analysis of the works of established and peer writers. Emphasizes principles of writing poetry, short fiction and/or nonfiction and drama. Work done in the course may be contributed to the college literary magazine.

**ENGL36** American Ethnic Voices 3.0 units**Letter Grade Only — 54 lecture hours****Requisites:***Satisfactory completion of ENGL51***Counts toward WCC Graduation Area C, Multicultural Graduation Requirement****Transferable to both UC and CSU***CSU GE-Breadth: C2**IGETC: 3B**UC-TCA: UC-H*

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.

**ENGL37** Women's Voices 3.0 units**Letter Grade Only — 54 lecture hours****Requisites:***Satisfactory completion of ENGL51***Counts toward WCC Graduation Area C****Transferable to both UC and CSU***CSU GE-Breadth: C2**IGETC: 3B**UC-TCA: UC-H*

A survey of selected women's literature from a variety different ethnic groups in the United States and/or the world touching on historical and ancient cultures as a foundation for understanding contemporary women's literature.

**ENGL38 Children's Literature**

3.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Counts toward WCC Graduation Area C, Multicultural Graduation Requirement****Transferable to both UC and CSU***CSU GE-Breadth: C2**IGETC: 3B**UC-TCA: UC-H*

This course introduces representative works of children's literature and develops students' close reading and analytical writing skills while promoting an appreciation for the aesthetic qualities of literature written for children. Emphasizes literature from diverse authors and communities, and the impact of this literature on the psychological, sociological and cultural growth of children.

**ENGL42 Introduction To Shakespeare**

3.0 units

**Letter Grade Only — 54 lecture hours****Requisites:***Satisfactory completion of ENGL51***Counts toward WCC Graduation Area C****Transferable to both UC and CSU***CSU GE-Breadth: C2**IGETC: 3B**UC-TCA: UC-H*

Introduction to the major works of William Shakespeare with special attention given to the tragedies, comedies and histories.

**ENGL46A Introduction To English Literature, I**

3.0 units

**Letter Grade Only — 54 lecture hours****Requisites:***Satisfactory completion of ENGL51***Counts toward WCC Graduation Area C****Transferable to both UC and CSU***C-ID: ENGL 160**CSU GE-Breadth: C2**IGETC: 3B**UC-TCA: UC-H*

Survey of English Literature from its beginning to the end of the 18th Century; writers include, among others, Chaucer, Shakespeare, Donne, Milton and Poe; special attention paid to major literary genres.

**ENGL46B Introduction To English Literature II**

3.0 units

**Letter Grade Only — 54 lecture hours****Requisites:***Satisfactory completion of ENGL51 or by placement; successful completion of ENGL1A recommended***Counts toward WCC Graduation Area C****Transferable to both UC and CSU***C-ID: ENGL 165**CSU GE-Breadth: C2**IGETC: 3B**UC-TCA: UC-H*

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.

**ENGL51 Preparatory Composition and Reading**

4.0 units

**Letter Grade Only — 72 lecture hours****Requisites:***Satisfactory completion of ENGL105 or ESL105 or by placement***Not Transferable**

Improving reading skills and writing pre-college level essays; includes basic writing elements, rhetorical modes, and a review of sentence structure and mechanics.

# ENGLISH FOR SPEAKERS OF OTHER LANGUAGES

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## CERTIFICATES OFFERED

- » Academic Preparedness and Career Development (Noncredit Certificate)
- » Foundational English Skills (Noncredit Certificate)
- » Intermediate English Skills (Noncredit Certificate)

## ACADEMIC PREPAREDNESS AND CAREER DEVELOPMENT (NONCREDIT CERTIFICATE)

### Certificate of Competency (Noncredit)

The Certificate of Competency in Academic Preparedness and Career Development prepares advanced-level students with the English language and literacy skills needed to function independently in most vocational and academic situations. The certificate focuses on developing the requisite level of grammar, reading, writing and speaking skills needed to transition into mainstream courses or to be successful in seeking appropriate employment.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Demonstrate ability to write clearly in a variety of genres.
- ✓ Write coherent expository and summary-responses essays at a level sufficient to transition to English 1A or career advancement.
- ✓ Demonstrate ability to produce and comprehend advanced grammatical structures at a level sufficient to transition to English 1A.
- ✓ Demonstrate grammar, listening, speaking, and reading skills needed to clearly communicate and understand information and ideas in personal, academic, and vocational settings.

### Required Courses for Major

ACADEMIC PREPAREDNESS AND CAREER DEVELOPMENT  
(NONCREDIT CERTIFICATE) 0 TOTAL UNITS

Capstone Course. . . . . 0 Units

**ESOL570** Accelerated Academic English  
for Nonnative Speakers III . . . . . 0 Units

Electives (select two courses from the list below) . . . . . 0 Units

**ESOL550** Accelerated Academic English  
for Nonnative Speakers I . . . . . 0 Units

**ESOL551** Grammar for ESOL 250/550 . . . . . 0 Units

**ESOL552** English Language Lab II . . . . . 0 Units

**ESOL560** Accelerated Academic English  
for Nonnative Speakers II . . . . . 0 Units

**ESOL561** Content Support for ESOL 260/560. . . . . 0 Units

**ESOL571** Content Support for ESOL 70/570. . . . . 0 Units

## FOUNDATIONAL ENGLISH SKILLS (NONCREDIT CERTIFICATE)

### Certificate of Competency (Noncredit)

The Certificate of Competency in Foundational English Skills prepares students with little or no knowledge of English with basic English language and literacy skills needed to function in everyday situations at work, school and in the community.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Demonstrate ability to write short compositions and paragraphs in both present and past.
- ✓ Form complete and accurate sentences in both present and past tenses.
- ✓ Demonstrate the ability to read and annotate short articles.

### Required Courses for Major

FOUNDATIONAL ENGLISH SKILLS (NONCREDIT CERTIFICATE) 0 TOTAL UNITS

**ESOL520** Integrated English Language Skills 2. . . . . 0 Units

COMPLETE AT LEAST ONE OF THE FOLLOWING

**ESOL510** Integrated English Language Skills 1. . . . . 0 Units

**ESOL512** English Language Lab I . . . . . 0 Units

## INTERMEDIATE ENGLISH SKILLS (NONCREDIT CERTIFICATE)

### Certificate of Competency (Noncredit)

The Certificate of Competency in intermediate English Skills prepares students in foundational English competencies to express themselves clearly in everyday situations at work, school, and in the community. Upon completion of this program, students are ready to transition to academic courses.

#### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Compose paragraph and multi paragraph compositions.
- ✓ Demonstrate ability to compose past tense narrative compositions.
- ✓ Demonstrate the ability to accurately ask and answer questions about a topic in English.
- ✓ Form complete and accurate compound and complex sentences in both present and past tenses.

### Required Courses for Major

INTERMEDIATE ENGLISH SKILLS (NONCREDIT CERTIFICATE) 0 TOTAL UNITS

**ESOL540** Integrated English Language Skills 4. . . . . 0 Units

COMPLETE AT LEAST ONE OF THE FOLLOWING

**ESOL512** English Language Lab I . . . . . 0 Units

**ESOL530** Integrated English Language Skills 3. . . . . 0 Units

## ENGLISH FOR SPEAKERS OF OTHER LANGUAGES COURSES

**ESOL1A** College Composition and Reading for Nonnative English speakers 4.0 units

**Letter Grade Only — 54 lecture hours, 54 lab hours**

#### Requisites:

Satisfactory completion of ESOL70 or ESOL570 or by placement

#### Limitations on enrollment:

Not open for credit to students with credit in ENGL1A

**Counts toward WCC Graduation Writing Competency Requirement**

**Transferable to CSU Only**

This course meets the same requirements as ENGL 1A, while providing additional support to non-native English speakers. The course focuses on the development of analytical reading, expository and argumentative writing, and research skills at the college level through a structured and supportive learning environment that specifically addresses the needs of language learners with regards to vocabulary, editing, language use, and cultural content.

**ESOL70** Accelerated Academic English for Nonnative Speakers III 6.0 units

**Pass/No Pass Only — 108 lecture hours**

#### Requisites:

Recommended completion of ESOL260 or 560, or by placement

#### Limitations on enrollment:

Not open for credit to students with credit in ENGL51

**Not Transferable**

This course provides nonnative English speakers practice developing their fluency and ability in academic reading, composition, discussion, vocabulary, and grammar at the advanced level. Emphasis is placed on applying critical reading strategies to a variety of genres, analysis and synthesis of sources, writing multi-paragraph compositions and essays, revising compositions, analyzing and producing accurate grammatical structures in context, expressing and defending one's own ideas and opinions, and engaging in academic discussion of course texts and themes. Course can be repeated as needed to allow for further development of skills at this level. Prepares students for English 1A.



**ESOL250** Accelerated Academic English for Nonnative Speakers I 6.0 units

**Pass/No Pass Only — 108 lecture hours**

**Requisites:**

*Recommended ability to comprehend basic sentences, read short texts, and follow directions in English*

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**Not Transferable**

This course provides nonnative English speakers practice developing their fluency and ability in academic reading, composition, discussion, vocabulary, and grammar to an intermediate level. Emphasis is placed on developing and using reading strategies, developing writing fluency, writing paragraphs and multi-paragraph compositions, revising compositions, analyzing and producing grammatical structures in context, expressing one's own ideas and opinions, and engaging in classroom discussions about course themes. Course can be repeated as needed to allow for further development of skills at this level. Prepares students for ESOL 260, ESOL 560, or English 105.

**ESOL251** Grammar for ESOL 250/550 3.0 units

**Pass/No Pass Only — 54 lecture hours**

**Requisites:**

*Concurrent enrollment in or satisfactory completion of ESOL250 or ESOL550*

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**Not Transferable**

Targeted language support for students enrolled in ESOL 250 or ESOL 550 who are transitioning to academic English. Students will gain a deeper understanding of syntax and grammar in the context of their readings and assignments in ESOL 250/550.

**ESOL252** English Language Lab II 1.0 unit

**Pass/No Pass Only — 54 lab hours**

**Requisites:**

*Concurrent enrollment in ESOL250/550, 260/560, or 70/570 recommended*

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**Not Transferable**

Supplemental English language support for students in accelerated academic skills courses 250/550, 260/560, or 70/570. Provides supervised workshop time for students' ESOL assignments. Students receive individual and group instruction. Also open to nonnative English speakers taking composition courses in the English department.

**ESOL260** Accelerated Academic English for Nonnative Speakers II 6.0 units

**Pass/No Pass Only — 108 lecture hours**

**Requisites:**

*Recommended completion of ESOL250 or 550, or by placement*

**Limitations on enrollment:**

*Not open for credit to students with credit in ENGL105*

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**Not Transferable**

This course provides nonnative English speakers practice developing their fluency and ability in academic reading, composition, discussion, vocabulary, and grammar at the low-advanced level. Emphasis is placed on expanding critical reading skills, writing multi-paragraph compositions and essays based on assigned readings, revising compositions, analyzing and producing grammatical structures in context, expressing and supporting one's own ideas and opinions, and engaging in academic discussion of course texts and themes. Course can be repeated as needed to allow for further development of skills at this level. Prepares students for ESOL 70, ESOL 570, or English 51.

**ESOL261** Content Support for ESOL 260/560 2.0 units

**Pass/No Pass Only — 36 lecture hours**

**Requisites:**

*Concurrent enrollment in or satisfactory completion of ESOL260 or ESOL560*

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**Not Transferable**

Targeted support for students enrolled in ESOL 260 or ESOL 560. Students will further explore themes, readings, grammar, and skills pertinent to success in ESOL 260 or ESOL 560.

**ESOL271** Content Support for ESOL 70/570 2.0 units

**Pass/No Pass Only — 36 lecture hours**

**Requisites:**

*Concurrent enrollment in or satisfactory completion of ESOL570 or ESOL70*

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**Not Transferable**

Targeted instruction for students enrolled in ESOL 70 or ESOL 570. Students will further explore themes, readings, grammar, and skills pertinent to success in ESOL 70/ ESOL 570.

**ESOL510 Integrated English Language Skills 1 0.0 units****Satisfactory Progress (Noncredit) — 80–90 lecture hours****Non-credit course**

Basic language development for low-beginning English speakers. Concentration on all language skills: reading, writing, grammar, listening, speaking, and vocabulary. This is the first in a series of four. Prepares students for ESOL 520.

**ESOL512 English Language Lab I 0.0 units****Satisfactory Progress (Noncredit) — 49–54 lab hours****Requisites:**

Concurrent enrollment in ESOL510, 520, 530, or 540 recommended

**Non-credit course**

Supplemental English language support for students in the integrated skills courses ESOL 510, 520, 530, and 540. Provides additional practice and support for grammar, reading, writing, vocabulary, listening comprehension, speaking, and pronunciation. Students receive individual and group instruction.

**ESOL520 Integrated English Language Skills 2 0.0 units****Satisfactory Progress (Noncredit) — 80–90 lecture hours****Requisites:**

Recommended completion of ESOL510

**Non-credit course**

Language development for beginning English speakers. Concentration on all language skills: reading, writing, grammar, listening, speaking, and vocabulary. This is the second in a series of four. Prepares students for ESOL 530.

**ESOL530 Integrated English Language Skills 3 0.0 units****Satisfactory Progress (Noncredit) — 80–90 lecture hours****Requisites:**

Recommended completion of ESOL520 or by placement

**Non-credit course**

Basic language development for low-intermediate English speakers. Concentration on all language skills: reading, writing, grammar, listening, speaking, and vocabulary. This is the third course in a series of four. Prepares students for ESOL 540.

**ESOL540 Integrated English Language Skills 4 0.0 units****Satisfactory Progress (Noncredit) — 80–90 lecture hours****Requisites:**

Recommended completion of ESOL530 or by placement

**Non-credit course**

Language development for intermediate English speakers. Concentration on all language skills: reading, writing, grammar, listening, speaking, and vocabulary. This is the fourth course in a series of four. Prepares students for ESOL 550 or ESOL 250.

**ESOL550 Accelerated Academic English for Nonnative Speakers I 0.0 units****Satisfactory Progress (Noncredit) — 96–108 lecture hours****Requisites:**

Recommended ability to comprehend basic sentences, read short texts, and follow directions in English

**Non-credit course**

This course provides nonnative English speakers practice developing their fluency and ability in academic reading, composition, discussion, vocabulary, and grammar to an intermediate level. Emphasis is placed on developing and using reading strategies, developing writing fluency, writing paragraphs and multi-paragraph compositions, revising compositions, analyzing and producing grammatical structures in context, expressing one's own ideas and opinions, and engaging in classroom discussions about course themes. Course can be repeated as needed to allow for further development of skills at this level. Prepares students for ESOL 260 or ESOL 560.

**ESOL551 Grammar for ESOL 250/550 0.0 units****Satisfactory Progress (Noncredit) — 48–54 lecture hours****Requisites:**

Concurrent enrollment in or satisfactory completion of ESOL250 or ESOL550

**Non-credit course**

Targeted language support for students enrolled in ESOL 250 or ESOL 550 who are transitioning to academic English. Students will gain a deeper understanding of syntax and grammar in the context of their readings and assignments in ESOL 250/550.

**ESOL552 English Language Lab II**

0.0 units

**Satisfactory Progress (Noncredit) — 48–54 lab hours****Requisites:***Concurrent enrollment in ESOL250/550, 260/560, or 70/570 recommended***Non-credit course**

Supplemental English language support for students in accelerated academic skills courses 250/550, 260/560, or 70/570. Provides supervised workshop time for students' ESOL assignments. Students receive individual and group instruction. Also open to nonnative English speakers taking composition courses in the English department.

**ESOL560 Accelerated Academic English for Nonnative Speakers II**

0.0 units

**Satisfactory Progress (Noncredit) — 96–108 lecture hours****Requisites:***Recommended completion of ESOL250 or 550, or by placement***Non-credit course**

This course provides non-native English speakers practice developing their fluency and ability in academic reading, composition, discussion, vocabulary, and grammar at the low-advanced level. Emphasis is placed on expanding critical reading skills, writing multi-paragraph compositions and essays based on assigned readings, revising compositions, analyzing and producing grammatical structures in context, expressing and supporting one's own ideas and opinions, and engaging in academic discussion of course texts and themes. Course can be repeated as needed to allow for further development of skills at this level. Prepares students for ESOL 70, ESOL 570, or English 51.

**ESOL561 Content Support for ESOL 260/560**

0.0 units

**Satisfactory Progress (Noncredit) — 32–36 lecture hours****Requisites:***Concurrent enrollment in or satisfactory completion of ESOL260 or ESOL560***Non-credit course**

Targeted support for students enrolled in ESOL 260 or ESOL 560. Students will further explore themes, readings, grammar, and skills pertinent to success in ESOL 260 or ESOL 560.

**ESOL570 Accelerated Academic English for Nonnative Speakers III**

0.0 units

**Satisfactory Progress (Noncredit) — 96–108 lecture hours****Requisites:***Recommended completion of ESOL260 or 560, or by placement***Non-credit course**

This course provides nonnative English speakers practice developing their fluency and ability in academic reading, composition, discussion, vocabulary, and grammar at the advanced level. Emphasis is placed on applying critical reading strategies to a variety of genres, analysis and synthesis of sources, writing multi-paragraph compositions and essays, revising compositions, analyzing and producing accurate grammatical structures in context, expressing and defending one's own ideas and opinions, and engaging in academic discussion of course texts and themes. Course can be repeated as needed to allow for further development of skills at this level. Prepares students for English 1A.

**ESOL571 Content Support for ESOL 70/570**

0.0 units

**Satisfactory Progress (Noncredit) — 32–36 lecture hours****Requisites:***Concurrent enrollment in or satisfactory completion of ESOL570 or ESOL70***Non-credit course**

Targeted instruction for students enrolled in ESOL 70 or ESOL 570. Students will further explore themes, readings, grammar, and skills pertinent to success in ESOL 70/ ESOL 570.

# ***ENVIRONMENTAL HORTICULTURE***

See "Environmental Horticulture" on page 96

# ENVIRONMENTAL TECHNOLOGY

## DIVISION CONTACT

*Dr. Sandra Fowler*

*Dean of CTE & Workforce Development*

**Office:** (530) 661-5729

**Counseling:** (530) 661-5703

## DEGREES OFFERED

» Drinking Water and Wastewater Technology (A.S.)

## CERTIFICATES OFFERED

» Drinking Water and Wastewater Technology (Certificate)

## DRINKING WATER AND WASTEWATER TECHNOLOGY (CERTIFICATE)

### Certificate of Achievement

This certificate course will cover all aspects of drinking water treatment, drinking water distribution and wastewater treatment. Topics covered will include drinking water sources, water quality/contaminants, water sampling/testing, drinking water treatment techniques, drinking water regulations, recordkeeping, safety, customer relations and local government basics. The course also covers drinking water distribution system installation and maintenance of pipes, valves, meters, fire hydrants and storage tanks. Wastewater classes will cover wastewater collection, sampling/testing, pre-treatment, advanced treatment techniques, effluent disinfection, sludge/effluent disposal, regulations, laboratory procedure and administration. These courses are designed to prepare students to take mid-level operator certification exams through the state of California to become water and wastewater operators, which is the first step for working in the water/wastewater utility industry.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Upon completion of this certificate program students will be prepared to take and pass the water treatment exam given by the California Department of Public Health.
- ✓ Upon completion of this certificate program students will be prepared to take and pass the wastewater treatment exam given by the California Water resources Development Department.
- ✓ Upon completion of this certificate program students will be prepared to take and pass the water distribution exam given by the California Department of Public Health.

### Required Courses for Major

**DRINKING WATER AND WASTEWATER TECHNOLOGY (CERTIFICATE) 18 TOTAL UNITS**

<b>ENVTC20</b> Water Distribution System O&M .....	3 Units
<b>ENVTC21</b> Water Treatment Plant Operation .....	3 Units
<b>ENVTC22</b> Water Distribution Systems Level II. ....	3 Units
<b>ENVTC23</b> Water Treatment Plant Operation Level II. ....	3 Units
<b>ENVTC24</b> Wastewater Treatment Plant Operation Level I .....	3 Units
<b>ENVTC25</b> Wastewater Treatment Plant Operation Level II. ....	3 Units

## DRINKING WATER AND WASTEWATER TECHNOLOGY (A.S.)

### AS: Associate in Science

This degree will cover all aspects of drinking water treatment, drinking water distribution and wastewater treatment. Topics covered will include drinking water sources, water quality/contaminants, water sampling/testing, drinking water treatment techniques, drinking water regulations, record keeping, safety, customer relations and local government basics. The degree also covers drinking water distribution system installation and maintenance of pipes, valves, meters, fire hydrants and storage tanks. Wastewater classes will cover wastewater collection, sampling/testing, pre-treatment, advanced treatment techniques, effluent disinfection, sludge/effluent disposal, regulations, laboratory procedure and administration. This degree is designed to prepare students to take mid-level operator certification exams

through the state of California to become water and wastewater operators, which is the first step for working in the water/wastewater utility industry. The Associate in Science in Drinking Water and Wastewater Technology prepares students to become supervisors and managers at water districts and water treatment operating companies.

## Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Students will be able to explain the purpose and intent of the federal Safe Drinking Water Act and the Clean Water Act.
- ✓ Students will be able to determine the flow measurements, time and disinfection concentration math formulas necessary to treat and deliver safe drinking water and to treat and dispose of collected wastewater.
- ✓ Students will be able to identify contaminants that may be in raw water sources, the methods needed to treat contaminated water for human consumption, and the methods of safe drinking water delivery to the public.
- ✓ Students will be capable of solving problems related to the need for collection, treatment and disposal of wastewater in accordance with state and federal law, in order to protect the public health.

## Required Courses for Major

DRINKING WATER AND WASTEWATER TECHNOLOGY (A.S.) 24–25  
TOTAL UNITS

Required Courses . . . . . 18 Units

**ENVTC20** Water Distribution System O&M . . . . . 3 Units

**ENVTC21** Water Treatment Plant Operation . . . . . 3 Units

**ENVTC22** Water Distribution Systems Level II. . . . . 3 Units

**ENVTC23** Water Treatment Plant Operation Level II. . . . . 3 Units

**ENVTC24** Wastewater Treatment Plant Operation Level I . . . . 3 Units

**ENVTC25** Wastewater Treatment Plant Operation Level II. . . . 3 Units

Degree Electives (Select any 2 courses). . . . . 6–7 Units

**BCA15** Business Computer Applications - Beginning . . . . . 3 Units

**BIOL15** Bioscience . . . . . 4 Units

**GNBUS56** Business Mathematics. . . . . 3 Units

**PHIL2** Ethics . . . . . 3 Units

**SPECH1** Public Speaking. . . . . 3 Units

**MGMT10** Principles of Management. . . . . 3 Units

## ENVIRONMENTAL TECHNOLOGY COURSES

**ENVTC20** Water Distribution System O&M 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

**Language**—Recommended eligibility for ENGL1A

**Mathematics**—Recommended eligibility for MATH52

**Transferable to CSU only**

Topics covered will include drinking water sources with an emphasis on groundwater wells, pumps, water pipes, valves, hydrants, groundwater quality, chemicals used for water disinfection, state and federal regulations for distribution systems and water sampling techniques for distribution systems. This course will prepare students to take a state certification examination for water distribution systems, which is the first step in working for a public entity that delivers safe drinking water to the public. This class will also count for Continuing Education Credits (contact hours) for existing operators.

**ENVTC21** Water Treatment Plant Operation 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

**Language**—Recommended eligibility for ENGL1A

**Mathematics**—Recommended eligibility for MATH52

**Transferable to CSU only**

Topics covered will include the drinking water sources (groundwater and surface water), protection of drinking water sources, intake structures, water conveyances, water treatment facilities, water quality verses treatment techniques, chemicals used for water filtration and disinfection, state and federal regulations for surface water sources and water sampling techniques for groundwater and surface water. This course will prepare students to take a state certification examination for water treatment, which is the first step in working for a public water system that treats and delivers safe drinking water to the public. This class will also count for Continuing Education Credits (contact hours) for existing operators.



**ENVTC22** Water Distribution Systems Level II 3.0 units***Letter Grade Only — 54 lecture hours******Transferable to CSU only***

Topics covered will include the drinking water distribution system design, system operations, piping materials, water main, meter and fire hydrant installation, water storage, backflow control, information management and public relations. This course will prepare students to take a state certification examination for water treatment level II, which is the first step in working for a public water system that delivers safe drinking water to the public.

**ENVTC23** Water Treatment Plant Operation Level II  
3.0 units***Letter Grade Only — 54 lecture hours******Transferable to CSU only***

Topics covered will include advanced drinking water treatment techniques. This includes mineral removal, fluoridation, water softening, arsenic removal, membrane filtration processes, disposing of process wastes, maintenance of the treatment plant, advanced lab procedures, drinking water regulations and administration. This course will prepare students to take a state certification examination for water treatment level II, which is the first step in working for a public water system.

**ENVTC24** Wastewater Treatment Plant Operation Level I  
3.0 units***Letter Grade Only — 54 lecture hours******Transferable to CSU only***

Course content includes wastewater treatment and disposal methods. Topics covered will include wastewater treatment facilities, pretreatment and primary treatment, wastewater treatment methods, disinfection and final effluent disposal. This course will help prepare students to take a state certification examination for wastewater treatment operators, which is the first step in working for a public wastewater system that treats and disposes of wastewater in compliance with state and federal laws.

**ENVTC25** Wastewater Treatment Plant Operation Level II  
3.0 units***Letter Grade Only — 54 lecture hours******Transferable to CSU only***

Covers advanced wastewater treatment techniques, including effluent disposal methods, activated sludge treatment, sludge digestion and disposal, effluent discharge, plant safety, plant maintenance, laboratory procedures, and treatment plant administration. Helps prepare students to take a state certification examination for wastewater treatment. First step in working for a public wastewater utility.

# ETHNIC STUDIES

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## DEGREES OFFERED

» Chicana/o Studies (A.A.)

## CHICANA/O STUDIES (A.A.)

### AA: Associate in Arts

Chicana/o Studies is the study of the diverse Chicano/Latino community in terms of their social, cultural, historical, political, educational, ecological, and health experiences and social movements. The goal is to develop academic, career, and leadership skills to improve the conditions of the Chicano/Latino community, support the cultural and educational projects within the community, and raise awareness and commitment to equity and social justice. The Chicana/o Studies Associate in Arts is designed to create a transfer pathway to the Chicana/Chicano Studies major at UC Davis, but this degree can also provide useful skills and knowledge to students who are interested in careers in education, social work, public service, community development, the arts, and natural resources. Most career options require more than two years of college study. Students who plan to transfer should consult with a counselor to ensure all transfer requirements are met outside of the major.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Demonstrate an understanding of the implications of historical inequalities on the experience and social political status of Indigenous Latinxs, Mexican Americans, Chicanxs, and/or Latina/o Americans in schools and society.
- ✓ Express the Indigenous Latinx, Mexican American, Chicanx, and/or Latina/o American cultural experience in a written, oral, and artistic ways.
- ✓ Attend educational, cultural, or political activities related to the Indigenous Latinx, Mexican American, Chicanx, and/or Latina/o American communities.
- ✓ Develop and apply knowledge and leadership skills to improving the conditions of Indigenous Latinxs, Mexican Americans, Chicanxs, or Latina/o Americans in schools and society.
- ✓ Complete transfer requirements for further study in Chicana/o Studies and/or related fields.

### Required Courses for Major

CHICANA/O STUDIES (A.A.) 18 TOTAL UNITS

Required courses: . . . . . 6 Units

**ETHN1** Introduction To Chicano Studies . . . . . 3 Units

**ETHN5** Introduction to Chicana/o Culture . . . . . 3 Units

List A: choose two courses. . . . . 6 Units

**ETHN21** Chicana/o and Latina/o Health Care Issues . . . . . 3 Units

**ETHN30** Survey of Chicana/o Art . . . . . 3 Units

**SOCIL8** Social Science Research Methods . . . . . 3 Units

List B: choose two additional courses . . . . . 6 Units

**ETHN2** Introduction to Native American Studies . . . . . 3 Units

**ETHN6** History of Race and Ethnicity in America . . . . . 3 Units

**ETHN11** Introduction to Ethnic Studies . . . . . 3 Units

**ETHN15** Mexican-American History . . . . . 3 Units

**ETHN17** African American Culture & Society . . . . . 3 Units

**ETHN20** Asian American Experience . . . . . 3 Units

Or any course not already selected from list A3

# ETHNIC STUDIES COURSES

## **ETHN1** Introduction To Chicano Studies 3.0 units

**Letter Grade Only — 54 lecture hours**

**Limitations on enrollment:**

*Not open for credit to students with credit in LARAZ1*

**Counts toward WCC Graduation Area B, Multicultural Graduation Requirement**

**Transferable to both UC and CSU**

*CSU GE-Breadth: D, F*

*IGETC: 4*

*UC-TCA: UC-B*

Emphasizes an interdisciplinary analysis of historical, socio-political, economic, educational, and cultural conditions related to the Chicano population in the United States. The focus is on past and contemporary Chicano social movements and the intersections of race/ethnicity, class, and gender.

## **ETHN5** Introduction to Chicana/o Culture 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Area C, Multicultural Graduation Requirement**

**Transferable to both UC and CSU**

*CSU GE-Breadth: C2, D*

*IGETC: 3B, 4*

*UC-TCA: UC-B, UC-H*

This course is an interdisciplinary survey of Chicana/o cultural representation in the 20th century. Examines Chicana/o culture within a national and transnational context. Explores how Chicano cultural forms and practices intersect with social/material forces, intellectual formations and cultural discourses.

## **ETHN2** Introduction to Native American Studies 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Area B, Area C, Multicultural Graduation Requirement**

**Transferable to both UC and CSU**

*CSU GE-Breadth: D, F*

*IGETC: 4*

*UC-TCA: UC-B*

Introduction to Native American Studies with emphasis upon basic concepts relating to Native American historical and political development.

## **ETHN6** History of Race and Ethnicity in America 3.0 units

**Letter Grade Only — 54 lecture hours**

**Limitations on enrollment:**

*Not open for credit to students with credit in HIST6*

**Counts toward WCC Graduation Area B, Area C, Multicultural Graduation Requirement**

**Transferable to both UC and CSU**

*CSU GE-Breadth: C2, D, F*

*IGETC: 3B, 4*

*UC-TCA: UC-B, UC-H*

Covers the social, cultural, and economic interaction between various racial and ethnic groups in North America from the fifteenth century to the present. Topics include colonization, immigration, discrimination, group identity, and multiculturalism.

**ETHN11 Introduction to Ethnic Studies 3.0 units****Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Counts toward WCC Graduation Area B, Multicultural Graduation Requirement****Transferable to both UC and CSU***C-ID: SJS 110**CSU GE-Breadth: D, F**IGETC: 4**UC-TCA: UC-B*

This course introduces the diverse institutional, cultural, and historical issues relating to the past and present life circumstances of Asian Americans, Black Americans, Mexican Americans/Latinos, and Native Americans. Specifically, students will be introduced to information presented in upper division courses with ethnic studies content.

**ETHN15 Mexican-American History 3.0 units****Letter Grade Only — 54 lecture hours****Limitations on enrollment:***Not open for credit to students with credit in HIST15 or LARAZ15***Counts toward WCC Graduation Area B, Area C, Multicultural Graduation Requirement****Transferable to both UC and CSU***CSU GE-Breadth: C2, D, US1**IGETC: 3B, 4*

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, 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.

**ETHN17 African American Culture & Society 3.0 units****Letter Grade or Pass/No Pass — 54 lecture hours****Counts toward WCC Graduation Area B, Area C, Multicultural Graduation Requirement****Transferable to CSU Only**

This course introduces students to the history, intellectual traditions, social movements, literature, culture, art, and call for institutional change that is important for the unity and social, economic, and political progress of people of African Americans. It is intended to show the humanities and social sciences emphases of the discipline and its interdisciplinary character.

**ETHN20 Asian American Experience 3.0 units****Letter Grade or Pass/No Pass — 54 lecture hours****Counts toward WCC Graduation Area B, Area C, Multicultural Graduation Requirement****Transferable to CSU Only**

This course is an interdisciplinary study of Asian Americans from a historical, political, sociological, and aesthetic perspective. Social emphasis is placed on the contributions of Asian Americans scholars and activists by using an intersectional lens to explore the effects of colonialism, imperialism, white supremacy, and racism. This course offers pragmatic historical and political evaluations that aim to introduce students interested in Ethnic Studies, Asian American Studies, Gender Studies, and social movements.

**ETHN21 Chicana/o and Latina/o Health Care Issues 3.0 units****Letter Grade Only — 54 lecture hours****Counts toward WCC Graduation Area B, Health/PE Graduation Requirement, Multicultural Graduation Requirement****Transferable to both UC and CSU***CSU GE-Breadth: D**IGETC: 4**UC-TCA: UC-B*

Overview of health issues of Chicanas/os and Latinas/os in the State of California; role of poverty/lack of education in limited access to health care.

**Letter Grade Only — 54 lecture hours**

**Counts toward WCC Graduation Area C, Multicultural Graduation Requirement**

**Transferable to both UC and CSU**

*CSU GE-Breadth: D*

*IGETC: 3B*

*UC-TCA: UC-H*

Survey of contemporary Chicana/o art in context of the social turmoil from which it springs. Includes political use of the poster, and the mural, the influences of the Mexican mural and graphic movement, and social responsibility of the artist.

## **GENERAL BUSINESS**

[See "Business" on page 113](#)

# GEOGRAPHY

## DIVISION CONTACT

*Dr. Shannon Reed*

*Dean of Arts & Sciences*

**Office:** (530) 661-5719

**Counseling:** (530) 661-5703

## NO AWARD OFFERED

No Award Offered

## GEOGRAPHY COURSES

### **GEOG1** Physical Geography 3.0 units

**Letter Grade Only — 54 lecture hours**

**Counts toward WCC Graduation Area A**

**Transferable to both UC and CSU**

**C-ID:** GEOG 110

**CSU GE-Breadth:** B1

**IGETC:** 5A

**UC-TCA:** UC-S

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.

### **GEOG2** Cultural Geography 3.0 units

**Letter Grade Only — 54 lecture hours**

**Counts toward WCC Graduation Area B, Multicultural Graduation Requirement**

**Transferable to both UC and CSU**

**CSU GE-Breadth:** D

**IGETC:** 4

**UC-TCA:** UC-B

This course is a study of diverse human populations, their cultural origins, diffusion and contemporary spatial expressions. Topics include: demography, languages and religions, urbanization and landscape modification, political units and nationalism, and economic systems and development.



# GEOLOGY

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## DEGREES OFFERED

- »Geology (A.S.-T)
- »Geology (A.S.)

## GEOLOGY (A.S.)

### AS: Associate in Science

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 environments.

The goal of the Geology Associate in Science degree is to provide students with a broad preparatory education in Geology so they are prepared for entry-level geosciences jobs, and/or receive personal enrichment.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Demonstrate the ability to use appropriate mathematical concepts and methods to understand, analyze, and communicate issues within geology in quantitative terms.
- ✓ Think and reason scientifically in order to analyze data/information in addressing & evaluating problems and issues pertaining to geology.
- ✓ Demonstrate an understanding of the purpose of scientific inquiry and the implications and applications of basic scientific principles within the field of geology.

### Required Courses for Major

<b>GEOLOGY (A.S.)</b>	<b>18 TOTAL UNITS</b>
<b>Required Core Courses</b> .....	<b>18 Units</b>
<b>CHEM1A</b> General Chemistry I .....	5 Units
<b>GEOL10L</b> Physical Geology .....	4 Units
<b>GEOL11L</b> Historical Geology .....	4 Units
<b>MATH1A</b> Single Variable Calculus I -- Early Transcendentals ..	5 Units
<b>Strongly recommended courses:</b> PHYS2A and CHEM1B, PHYS2B, PHYS 3A/3B or 4A/4B	

## GEOLOGY (A.S.-T)

### AS-T: Associate in Science for Transfer

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 environments. The goal of the Woodland Community College Geology program is to provide students with a broad preparatory education in Geology so they can complete their graduation requirements, associate degree requirements, transfer requirements, are prepared for entry-level geosciences jobs, and/or receive personal enrichment. The Geology program is aligned with the college-level student learning outcomes

of computation, critical thinking, and scientific awareness. Students have two degree options from which to choose: 1) Associates Degree (AS) in Geology and/or 2) Associate's Degree for Transfer (AS-T). Both degrees will provide students with a broad preparatory education in geology and related fields. The AS-T degree is designed specifically for students planning on transferring to the CSU system. Students who complete the AS-T or "associate degree for transfer" will receive "priority admission with junior status to the California State University System". The Geology AS is designed for students looking to transfer to other 4-year institutions in order to obtain a baccalaureate degree in Geology and/or for those students looking to prepare themselves for entry-level geoscience positions that don't require a four-year degree.

The following is required for all AA-T or AS-T degrees:

- Minimum of 60 CSU transferrable semester units (unless the major is a designated “high unit” major).
- Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
- Completion of minimum of 18 semester units in an “AA-T” or “AS-T” major as detailed in the program section of the catalog for Geology with grade of C or better or a “P” if the courses is taken on a “pass-no pass” basis (title 5 §55063).
- Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); or the Intersegmental General Education Transfer Curriculum (IGETC) pattern.

## Student Learning Outcomes

**Upon successful completion of this program, students will be able to:**

- ✓ *Demonstrate an understanding of the purpose of scientific inquiry and the implications and applications of basic scientific principles within the field of geology.*
- ✓ *Demonstrate the ability to use appropriate mathematical concepts and methods to understand, analyze, and communicate issues within geology in quantitative terms.*
- ✓ *Think and reason scientifically in order to analyze data/information in addressing & evaluating problems and issues pertaining to geology.*

## Required Courses for Major

**GEOLOGY (A.S.-T) 27 TOTAL UNITS**

**Required Courses . . . . .27 Units**

**CHEM1A** General Chemistry I . . . . .5 Units

**CHEM1B** General Chemistry II . . . . .5 Units

**GEOL10L** Physical Geology . . . . .4 Units

**GEOL11L** Historical Geology. . . . .4 Units

**MATH1A** Single Variable Calculus I -- Early Transcendentals . . .5 Units

**MATH1B** Single Variable Calculus II -Early Trans . . . . .4 Units

**Strongly** recommended courses: PHYS1A & PHYS1B or PHYS4A & PHYS4B

## GEOLOGY COURSES

### **GEOL8** Earth Science

3.0 units

**Letter Grade Only — 54 lecture hours**

**Limitations on enrollment:**

*Not open for credit to students with credit in PHYSC10A*

**Counts toward WCC Graduation Area A**

**Transferable to both UC and CSU**

**C-ID:** GEOL 120

**CSU GE-Breadth:** B1

**IGETC:** 5A

**UC-TCA:** UC-S

Survey course with topics chosen principally from oceanography, geology, physical geography, meteorology, and astronomy. Topics are presented within a theme of understanding the earth.

### **GEOL8L** Earth Science Laboratory

1.0 unit

**Letter Grade Only — 54 lab hours**

**Requisites:**

*Concurrent enrollment in or satisfactory completion of GEOL8*

**Counts toward WCC Graduation Area A**

**Transferable to both UC and CSU**

**C-ID:** GEOL 120L

**CSU GE-Breadth:** B3

**IGETC:** 5C

Laboratory activities in Earth Science to reinforce and complement the materials presented in GEOL 8.

**GEOL10L Physical Geology** 4.0 units

**Letter Grade Only — 54 lecture hours, 54 lab hours**

**Limitations on enrollment:**

Not open for credit to students with credit in GEOL10

**Counts toward WCC Graduation Area A**

**Transferable to both UC and CSU**

C-ID: GEOL 101

CSU GE-Breadth: B1, B3

IGETC: 5A, 5C

UC-TCA: UC-S

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.

**GEOL11L Historical Geology** 4.0 units

**Letter Grade Only — 54 lecture hours, 54 lab hours**

**Counts toward WCC Graduation Area A**

**Transferable to both UC and CSU**

C-ID: GEOL 111

CSU GE-Breadth: B1, B3

IGETC: 5A, 5C

UC-TCA: UC-S

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.

**GEOL12 Oceanography** 3.0 units

**Letter Grade Only — 54 lecture hours**

**Counts toward WCC Graduation Area A**

**Transferable to both UC and CSU**

CSU GE-Breadth: B1

IGETC: 5A

UC-TCA: UC-S

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.

**GEOL20 Geology of California** 3.0 units

**Letter Grade Only — 54 lecture hours**

**Counts toward WCC Graduation Area A**

**Transferable to both UC and CSU**

C-ID: GEOL 200

CSU GE-Breadth: B1

IGETC: 5A

UC-TCA: UC-S

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.

# HEALTH EDUCATION

## DIVISION CONTACT

*Dr. Sandra Fowler*

*Dean of CTE & Workforce Development*

**Office:** (530) 661-5729

**Counseling:** (530) 661-5703

## NO AWARD OFFERED

No Award Offered

## HEALTH EDUCATION COURSES

### HLTH1 Health and Life Style Choices 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Transferable to both UC and CSU**

**CSU GE-Breadth: E**

Issues include wellness, functioning optimally, and promoting healthy behavior changes. Topics explore diet, exercise, stress, CVD, cancer, substance abuse, sexually transmitted diseases, mental health, aging and analysis of available health information.

### HLTH13 Nutrition and Life Fitness 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Counts toward WCC Graduation Health/PE Graduation Requirement**

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**Transferable to both UC and CSU**

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 nutrition analysis will be completed by each student.

# HISTORY

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## DEGREES OFFERED

»History (A.A.-T)

## HISTORY (A.A.-T)

### AA-T: Associate in Arts for Transfer

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.

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 utilize knowledge of the past practices and development of people and land to enhance their appreciation of historical events.

Associate in Arts in History for Transfer requirements (as stated in SB1440 law) requires students to also complete the following:

- a minimum of 18 semester in the major or area of emphasis as determined by the community college district.
- 60 semester CSU transferable units
- California State University General Education-Breadth (CSU GE-Breadth) pattern of 39 units; OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern of 37 units.
- Obtainment of a minimum grade point average (GPA) of 2.0.
- Earn a grade of "C" or better in all courses required for the major or area of emphasis.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Recognize and articulate the many struggles and accomplishments of different cultural groups from past events.
- ✓ Recognize and articulate how past events are interconnected throughout the world.
- ✓ Analyze information and data to achieve a better understanding of present society in reference to the past.

### Required Courses for Major

HISTORY (A.A.-T) 18 TOTAL UNITS

Required Core . . . . . 6 Units

**HIST17A** United States History . . . . . 3 Units

**HIST17B** United States History II . . . . . 3 Units

Group A (choose 6 units) . . . . . 6 Units

COMPLETE ALL OF THE FOLLOWING

**HIST4A** Western Civilization. . . . . 3 Units

**HIST4B** Western Civilization II . . . . . 3 Units

COMPLETE ALL OF THE FOLLOWING

**HIST5A** World Civilization I. . . . . 3 Units

**HIST5B** World Civilizations II . . . . . 3 Units

Group B (choose 3 units) . . . . . 3 Units

**ETHN1** Introduction To Chicano Studies . . . . . 3 Units

**ETHN2** Introduction to Native American Studies . . . . . 3 Units

**ETHN6** History of Race and Ethnicity in America . . . . . 3 Units

**ETHN11** Introduction to Ethnic Studies . . . . . 3 Units

**ETHN15** Mexican-American History . . . . . 3 Units

Group C (choose 3 units) . . . . . 3 Units

**HIST8** California History . . . . . 3 Units

**HIST11** The World in the 20th Century . . . . . 3 Units

**HIST29** Women in American History . . . . . 3 Units

**OR** any course not already selected from Groups A or B

# HISTORY COURSES

## **HIST4A** Western Civilization 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Counts toward WCC Graduation Area B**

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**Transferable to both UC and CSU**

*C-ID: HIST 170*

*CSU GE-Breadth: C2, D*

*IGETC: 3B*

*UC-TCA: UC-H*

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. Advisories Language - recommended eligibility for English 1A

## **HIST5A** World Civilization I 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Counts toward WCC Graduation Area B, Multicultural Graduation Requirement**

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**Transferable to both UC and CSU**

*CSU GE-Breadth: C2, D*

*IGETC: 3B, 4*

*UC-TCA: UC-B, UC-H*

Survey of the experience of all peoples with vastly different cultures inhabiting a single globe. Emphasizes the interaction of humans with the environment based on experience, knowledge, and technology. Systems: economics, social, religious and political to c.1500.

## **HIST4B** Western Civilization II 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Counts toward WCC Graduation Area B**

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**Transferable to both UC and CSU**

*C-ID: HIST 180*

*CSU GE-Breadth: C2, D*

*IGETC: 3B*

*UC-TCA: UC-H*

Historical study of the major elements of the western experience for the Eighteenth century to the present. Includes major political and social developments that have revolutionized the modern mode of human existence.

## **HIST5B** World Civilizations II 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Counts toward WCC Graduation Area B, Multicultural Graduation Requirement**

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**Transferable to both UC and CSU**

*CSU GE-Breadth: C2, D*

*IGETC: 3B, 4*

*UC-TCA: UC-B, UC-H*

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 upon the development of technology. Conflict with traditional systems and new(er) orders.



**HIST8 California History**

3.0 units

**Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Counts toward WCC Graduation Area B****Transferable to both UC and CSU***CSU GE-Breadth: C2, D**IGETC: 3B**UC-TCA: UC-H*

Survey history of California from Native American cultures through Spanish, Mexican and American periods to the present. Includes California government, some emphasis on local history.

**HIST11 The World in the 20th Century**

3.0 units

**Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Counts toward WCC Graduation Area B****Transferable to both UC and CSU***CSU GE-Breadth: C2, D**IGETC: 3B**UC-TCA: UC-H*

A survey of the major political, social, economic, and cultural developments in the world during the 20th century.

**HIST17A United States History**

3.0 units

**Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Counts toward WCC Graduation Area B****Transferable to both UC and CSU***C-ID: HIST 130**CSU GE-Breadth: C2, D, US1**IGETC: 3B**UC-TCA: UC-B, UC-H*

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 Era.

**HIST17B United States History II**

3.0 units

**Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Counts toward WCC Graduation Area B****Transferable to both UC and CSU***C-ID: HIST 140**CSU GE-Breadth: C2, D, US1**IGETC: 3B**UC-TCA: UC-B, UC-H*

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.

**HIST29 Women in American History**

3.0 units

**Letter Grade Only — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Counts toward WCC Graduation Area B****Transferable to both UC and CSU***CSU GE-Breadth: C2, D**IGETC: 3B**UC-TCA: UC-H*

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.

# HUMAN SERVICES

## DIVISION CONTACT

Dr. Sandra Fowler

Dean of CTE & Workforce Development

Office: (530) 661-5729

Counseling: (530) 661-5703

## DEGREES OFFERED

» Chemical Dependency Counselor (A.S.)

» Human Services (A.S.)

## CERTIFICATES OFFERED

» Chemical Dependency Counselor (Certificate)

## CHEMICAL DEPENDENCY COUNSELOR (CERTIFICATE)

### Certificate of Achievement

The Chemical Dependency Counseling Certificate prepares students for entry-level employment in a variety of settings including outpatient or residential care centers, mental health, and substance abuse facilities. Chemical dependency counselors work with individuals and or families. Coursework addresses a wide range of issues and ethics in chemical dependency treatment, including the twelve counselor core functions: screening, intake, assessment, client orientation, treatment planning, counseling, case management, crisis intervention, client education, referral, report and record keeping, and consultation with other professionals. Students will also complete a 255-hour supervised internship. This certificate meets the standards for entry into the Basic Certified Addictions Treatment Counselor (CATC) and CATC I certification process established by the federal Substance Abuse and Mental Health Services Administration and certification agencies in the State of California. Certificate completers will qualify to apply for CATC or CATC I certification through state-approved certification boards.

## Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Students will understand the process of certification required for entry level employment as Addiction Treatment Counselors, and the career ladder opportunities open to them with further education.
- ✓ Students will acquire sufficient hours of experience in the twelve core counseling functions as required by California certification agencies in the context of a field work placement.
- ✓ Students will demonstrate communication skills (verbal, non-verbal, and written) that insure that they can work effectively with clients and other professionals in diverse communities.
- ✓ Students will illustrate respect and inclusivity with people from diverse backgrounds and communities, including, but not limited to, cultural elements, gender, race and ethnicity, sexual orientation/identification, religion, ability/disability, and socio-economic
- ✓ Students will explain and demonstrate ethical behavior in a variety of challenging and diverse environments and situations.
- ✓ Students will demonstrate skills and abilities and appropriately apply knowledge to chemical dependency counseling settings and situations.

## Required Courses for Major

**CHEMICAL DEPENDENCY COUNSELOR  
(CERTIFICATE)**

**39.5 TOTAL UNITS**

**Required Courses . . . . . 36.5 Units**

<b>HUSEV11</b> Working with Diverse Communities . . . . .	3 Units
<b>HUSEV20</b> Introduction To Chemical Dependency Studies . . . . .	3 Units
<b>HUSEV21</b> Introduction to Physiological and Psychological Effects of Drug Abuse . . . . .	3 Units
<b>HUSEV22</b> Development and Progression of Addictive Patterns of Behavior . . . . .	3 Units
<b>HUSEV23</b> Legal and Ethical Aspects of Human Services . . . . .	3 Units
<b>HUSEV24</b> Introduction to Case Management . . . . .	3 Units
<b>HUSEV25</b> Basic Chemical Dependency Counseling . . . . .	3 Units
<b>HUSEV28</b> Skills and Techniques of Group Counseling . . . . .	3 Units
<b>HUSEV40</b> Family and Addiction . . . . .	3 Units
<b>HUSEV41</b> Co-Occurring Disorders . . . . .	3 Units
<b>HUSEV44</b> Chemical Dependency Counseling Seminar . . . . .	2.5 Units
<b>HUSEV45</b> Supervised Human Services Internship . . . . .	4 Units

**Elective- select one course . . . . . 3 Units**

<b>HUSEV10</b> Introduction To Human Services . . . . .	3 Units
<b>PSYCH1A</b> General Psychology . . . . .	3 Units
<b>PSYCH41</b> Lifespan Development . . . . .	3 Units
<b>PSYCH46</b> Abnormal Psychology . . . . .	3 Units
<b>SOCIL1</b> Introduction To Sociology . . . . .	3 Units
<b>SOCIL2</b> Social Problems . . . . .	3 Units

# CHEMICAL DEPENDENCY COUNSELOR (A.S.)

## AS: Associate in Science

Students who complete the required courses and 255-hour internship for the Chemical Dependency Counselor Certificate may complete additional graduation requirements to earn the Chemical Dependency Counseling Associate in Science. This degree meets the standards for application for certification as a Certified Addictions Treatment Counselor II (CATC II) established by the federal Substance Abuse and Mental Health Services Administration and certification agencies in the State of California. Degree completers will qualify to apply for certification as a CATC II through state-approved certification boards. Completion of the Associate of Science degree will assist students in obtaining multiple career opportunities including, but not limited to, Behavioral Health and Chemical Dependency Case Manager, Behavioral Health Counselor, Chemical Dependency Counselor and Treatment Facilities Counselor.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Students will demonstrate skills and abilities and appropriately apply knowledge to chemical dependency counseling settings and situations.
- ✓ Students will acquire sufficient hours of experience in the twelve core counseling functions as required by California certification agencies in the context of a field work practicum.
- ✓ Students will demonstrate communication skills (verbal, non-verbal and written) that insure that they can work effectively with clients and other professionals in diverse communities.
- ✓ Students will understand and demonstrate ethical behavior in a variety of challenging and diverse environments and situations.
- ✓ Students will display an appreciation and respect for people from diverse backgrounds, including, but not limited to, cultural elements such as age, gender, race/ethnicity, sexual orientation/identification, religion, ability/disability, and socio-economic status.

## Required Courses for Major

CHEMICAL DEPENDENCY COUNSELOR (A.S.)	36.5 TOTAL UNITS
HUSEV11 Working with Diverse Communities . . . . .	3 Units
HUSEV20 Introduction To Chemical Dependency Studies . . . . .	3 Units
HUSEV21 Introduction to Physiological and Psychological Effects of Drug Abuse . . . . .	3 Units
HUSEV22 Development and Progression of Addictive Patterns of Behavior . . . . .	3 Units
HUSEV23 Legal and Ethical Aspects of Human Services . . . . .	3 Units
HUSEV24 Introduction to Case Management . . . . .	3 Units
HUSEV25 Basic Chemical Dependency Counseling . . . . .	3 Units
HUSEV28 Skills and Techniques of Group Counseling . . . . .	3 Units
HUSEV40 Family and Addiction . . . . .	3 Units
HUSEV41 Co-Occurring Disorders . . . . .	3 Units
HUSEV44 Chemical Dependency Counseling Seminar . . . . .	2.5 Units
HUSEV45 Supervised Human Services Internship . . . . .	4 Units

To earn an Associate degree, students will complete at least 60 units of degree-applicable coursework, including required courses for the major (listed above), General Education, and Graduation Requirements.

## HUMAN SERVICES (A.S.)

### AS: Associate in Science

The Human Services Associate in Science degree is designed to prepare students to enter the highly demanding field of human services to provide quality care and support. Students will gain knowledge of human service delivery systems; intervention strategies and case management techniques; communication skills for working with individuals, groups, and diverse populations; ethical and legal standards of practice; and personal and interpersonal skills needed to manage stress and increase wellness. This degree is designed to prepare students for employment as Human Service counselors, workers, and aides in areas of social services, vocational rehabilitation, mental health, child and family services, support services for seniors and people with disabilities and educational facilities, and to provide additional training and skills for career advancement to currently employed paraprofessional human service workers.

### Student Learning Outcomes

**Upon successful completion of this program, students will be able to:**

- ✓ *Demonstrate ethical behavior in a variety of challenging situations.*
- ✓ *Demonstrate communications skills [verbal, non-verbal, and written] that insure they can work effectively with clients and other professionals within the community.*
- ✓ *Demonstrate respect and inclusivity with people from diverse backgrounds and communities, including, but not limited to, cultural elements, gender, race and ethnicity, sexual orientation/identification, religion, ability/disability, and socio-economic*
- ✓ *Demonstrate skills and abilities and appropriately apply knowledge to work settings and situations.*

### Required Courses for Major

**HUMAN SERVICES (A.S.)** **27 TOTAL UNITS**

**Required Courses** . . . . . **24 Units**

<b>HUSEV10</b> Introduction To Human Services . . . . .	3 Units
<b>HUSEV11</b> Working with Diverse Communities . . . . .	3 Units
<b>HUSEV23</b> Legal and Ethical Aspects of Human Services . . . . .	3 Units
<b>HUSEV24</b> Introduction to Case Management . . . . .	3 Units
<b>HUSEV28</b> Skills and Techniques of Group Counseling . . . . .	3 Units
<b>HUSEV43</b> Social Work and Human Services Seminar . . . . .	1 Units
<b>HUSEV45</b> Supervised Human Services Internship . . . . .	2 Units
<b>PSYCH1A</b> General Psychology . . . . .	3 Units
<b>SOCIL1</b> Introduction To Sociology . . . . .	3 Units

**Approved Electives - choose one course** . . . . . **3 Units**

<b>ECE3</b> Child Growth and Development . . . . .	3 Units
<b>HUSEV40</b> Family and Addiction . . . . .	3 Units
<b>PSYCH41</b> Lifespan Development . . . . .	3 Units
<b>PSYCH46</b> Abnormal Psychology . . . . .	3 Units
<b>SOCIL2</b> Social Problems . . . . .	3 Units
<b>SPECH8</b> Intercultural Communication . . . . .	3 Units

To earn an Associate degree, students will complete at least 60 units of degree-applicable coursework, including required courses for the major (listed above), General Education, and Graduation Requirements.

## HUMAN SERVICES COURSES

### **HUSEV10** Introduction To Human Services 3.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Transferable to CSU only**

The course presents an introduction, overview and historical perspective on social work and human services. Special attention is given to current service delivery systems, their policies and procedures, and the tasks of culturally responsive social workers and human service workers within those settings. The course provides an opportunity to strengthen skills to work with all people and explore human service topics such as poverty, mental and physical health, disabilities, life stages, unequal access to resources and education, and substance abuse.

### **HUSEV11** Working with Diverse Communities 3.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Counts toward WCC Graduation Multicultural Graduation Requirement**

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**Transferable to CSU only**

**C-ID: ADS 195x**

This course will examine the unique needs, issues, and concerns within diverse communities in respect to the impact of substance use disorders, intervention needs, and responses to treatment. An overview of historical, cultural, social, health and environmental factors impacting diverse communities will be discussed, as well as the role of ethnic and cultural practices. Particular attention will be given to population characteristics such as ethnicity/race, gender, age, economic, sexual orientation, and disability status. Ethnic and cultural differences will be emphasized to provide students with the skills needed to communicate effectively with diverse populations to create equitable, healthier and safer counseling environments.

### **HUSEV20** Introduction To Chemical Dependency Studies 3.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Transferable to CSU only**

**C-ID: ADS 110x**

This course provides an historical and sociological perspective on the use, abuse, and social control of drugs associated with substance use disorder. Included are overviews of the biopsychosocial nature of addiction; the impact of addiction on children, families and society; contemporary treatment and prevention approaches; and the addiction counseling profession.

### **HUSEV21** Introduction to Physiological and Psychological Effects of Drug Abuse 3.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Transferable to CSU only**

**C-ID: ADS 140X**

This course provides an overview of the neurochemical, physical, and mental effects of commonly used addictive substances. Emphasis is placed on the pharmacology of addictive substances, the medical consequences of use, and therapeutic approaches for managing withdrawal, overdose, and substance use disorder.

**HUSEV22** Development and Progression of Addictive  
Patterns of Behavior 3.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Transferable to CSU only**

**C-ID: ADS 150X**

This course provides a comprehensive overview of theories and strategies for the prevention of substance use disorders. Primary, secondary, and tertiary and evidence-based prevention models will be introduced and assessed. Prevention programs and activities appropriate for the community, school, parents and family, and work-sites will be covered. Strategies such as education, public policies, media/information dissemination, ethnic, cultural, and gender-specific approaches, environmental risk reduction, and alternatives will be presented and assessed for their application to different target populations. Introduction to the causes and development of addiction and co-dependency. Exploration of the process of denial, use of defense mechanisms, and the influences of the family. The sociological aspects of the addictive process will be explored and discussed.

**HUSEV23** Legal and Ethical Aspects of Human Services  
3.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Transferable to CSU only**

**C-ID: ADS 160X**

This course explores the legal and ethical responsibilities in the human services and chemical dependency field. Emphasis is placed on professional responsibility and patient rights as well as issues of the work place and professional growth. Students will explore frameworks for addressing legal and ethical issues arising from engagement, assessment, and treatment of individuals, families, groups, and at-risk populations. Develops understanding of laws, code of ethics, and client rights. Examines the relationship between personal values and professional behavior.

**HUSEV24** Introduction to Case Management 3.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Transferable to CSU only**

**C-ID: ADS 170X**

This course provides an introduction and practical aspects of case management to implement in the human services field and substance-related disorder treatment. Topics covered include case management skills, collaboration, intake, orientation, screening and assessment, record documentation, ethics, clients' rights, confidentiality, interventions, crisis counseling techniques and theories, treatment and recovery planning, aftercare, and consultation and referrals.

**HUSEV25** Basic Chemical Dependency Counseling  
3.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Transferable to CSU only**

**C-ID: ADS 120X**

This course is an introduction to skills and techniques used in treating chemical dependency. i.e., psycho-dynamic, behavioral, cognitive behavioral, multi-modal, client-centered, couples and family counseling. Counseling is a relationship in which the counselor helps the client mobilizes resources to resolve his/her problems and/or to modify attitudes and values. Characteristics of an effective counselor, explores several theoretical models of counseling, and assists the individual to develop skills in active listening, building trust, reflecting feelings and content, and using motivational interviewing techniques.



**HUSEV26A** Introduction to Supervised Field Work Practicum 2.0 units

**Letter Grade Only — 18 lecture hours, 66 lab hours**

**Requisites:**

Satisfactory completion of HUSEV24

**Advisories:**

Language—Recommended eligibility for ENGL1A

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**Transferable to CSU only**

Intro to human service fieldwork in one of various settings, include substance related treatment. Securing, and orienting to, a placement agency. Basic understanding of the functions of a human services practicum. Learning important functions the student will fulfill in the course of the field work experience. Coverage of standards of professionalism in human services including appropriate appearance and behavior, legal and ethical concerns, and the effective use of supervision. Eighty-four hours required, 18 of which are in-class weekly seminars. Meets practicum requirements for entry into California certification for counselors in substance-related treatment.

**HUSEV26B** Advanced Supervised Field Work Practicum 5.0 units

**Letter Grade Only — 27 lecture hours, 189 lab hours**

**Advisories:**

Language—Recommended eligibility for ENGL1A

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**Transferable to CSU only**

In depth supervised field work practice in one of a variety of settings. Extensive intern experience in a variety of specific skills connected to work in alcohol and drug counseling. Extended analysis of student experiences facilitated by the instructor to deepen students' learning and further hone skills necessary in chemical dependency counseling related jobs. Focus will also be on advanced issues of professionalism and career path development. The field work practicum will meet practicum requirements for entry into California alcohol and drug counseling certification system.

**HUSEV27** Introduction to Professional and Personal Growth 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

Language—Recommended eligibility for ENGL1A

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**Transferable to CSU only**

This course will introduce students to attitudes, values, and methods that enhance communication skills in human relations. Students will also explore personal growth, values, and bias from both personal and professional perspectives. Topics include Nature vs. Nurture, developmental theories, relationship building, and personal assessments. Students will explore the concept of self as it relates to work, school, relationships, sexuality, and other aspects of life.

**HUSEV28** Skills and Techniques of Group Counseling 3.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours**

**Advisories:**

Language—Recommended eligibility for ENGL1A

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**Transferable to CSU only**

C-ID: ADS 130X

This course provides an introduction to group dynamics and group leadership skills within the context of human services and addiction treatment work settings including theoretical foundation, stages and processes; roles, responsibilities and ethics; strategies and techniques for facilitating group process. The focus is on group development, interpersonal and intrapersonal processes, and group facilitation skills. Topics included are communication skills in a group setting, theories of group counseling, best practices, guidelines and diversity issues.

**HUSEV30** Adult Children of Alcoholics 1.0 unit

**Letter Grade Only — 18 lecture hours**

**Advisories:**

Language—Recommended eligibility for ENGL1A

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**Transferable to CSU only**

An exploration of techniques, concepts, and behavioral guidelines for identifying the consequences of parental alcoholism/addiction. Understanding the concepts of modeling, shaping, reinforcement, and extinction of dysfunctional behavioral patterns learned in childhood, and the application of these concepts in supporting recovery.

**HUSEV31 Family Treatment Approaches 1.0 unit****Letter Grade Only — 18 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Transferable to CSU only**

An examination of the ecological/systems approach to chemical dependency counseling as it relates to dysfunctional, addictive families.

**HUSEV32 Relationship Addiction/Co-Dependency 1.0 unit****Letter Grade Only — 18 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Transferable to CSU only**

Description of relationship addiction in those with relationships to substance-related disorder sufferers. Identification of contributing behaviors and how they foster and maintain codependent relationships. Comparison with healthy relationships and strategies for reducing and avoiding codependency issues in relationships.

**HUSEV34 Gender Differences Related To Substance Abuse 1.0 unit****Letter Grade Only — 18 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Transferable to CSU only**

An in-depth exploration of the socialization processes for females and males as these relate to the development of addictive behavior. A contrast of societal reactions based on gender, and specific gender-based treatment issues.

**HUSEV35 Addiction and Domestic Violence 1.0 unit****Letter Grade Only — 18 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Transferable to CSU only**

An overview of factors that contribute to and elicit violent responses in concert with substance use/abuse in the home. The effects of domestic violence on treatment and treatment planning, screening and referral. An overview of batterers and treatment issues. Legal issues and community response to domestic violence.

**HUSEV36 Chemical Dep Prevention in Our Schools 1.0 unit****Letter Grade Only — 18 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Transferable to CSU only**

Strategies and best practices that parents, students, school systems and communities can employ to achieve an alcohol and other drug-free environment. An exploration of current models and strategies focused on substance abuse prevention in the school system. Students will learn/develop activities appropriate for use with elementary and secondary students. This class is appropriate for all individuals interested in substance abuse prevention in schools.

**HUSEV40 Family and Addiction 3.0 units****Letter Grade or Pass/No Pass — 54 lecture hours****Advisories:***Language—Recommended eligibility for ENGL1A***Transferable to CSU only****C-ID: ADS 180X**

This course provides an overview of the family systems approach to addiction counseling including analysis and examination of the relationship patterns that develop in families including multicultural families. The student will develop treatment strategies for assisting families and significant others during the stages of active addiction, addiction treatment, long-term recovery and relapse prevention using family-involved approaches. This would include the following: drug adolescent drug issues, co-dependency, enabling, adult children of alcoholics (ACA) with an interdisciplinary perspective.

**HUSEV41 Co-Occurring Disorders**

3.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours****Requisites:***Satisfactory completion of HUSEV20***Advisories:***Language—Recommended eligibility for ENGL1A***Transferable to CSU only***C-ID: ADS 190X*

This course reviews the major concepts, definitions, and features of co-occurring mental health disorders associated with addiction. Emphasis is placed on identifying the most current, evidence-based practices for treating co-occurring disorders and applying screening, assessment, referral, and treatment protocols for persons with co-occurring disorders who enter substance use treatment facilities. In this course, students will develop the skills necessary to apply for California state certification as an alcohol and drug counselor as they relate to treating co-occurring disorders and familiarity with the terminology, diagnoses, and treatment conditions of the mental health field.

**HUSEV43 Social Work and Human Services Seminar**

1.0 unit

**Letter Grade or Pass/No Pass — 18 lecture hours****Requisites:***Satisfactory completion of HUSEV10 Concurrent enrollment in or satisfactory completion of HUSEV45***Transferable to CSU only**

This course is designed to be taken in conjunction with a supervised social work or human services internship in a community organization, agency, or institution. Regular meetings focus on the application of academic concepts to support experiential learning. This course provides students with an opportunity to develop skills that facilitate gaining employment in the human services field.

**HUSEV44 Chemical Dependency Counseling Seminar**

2.5 units

**Letter Grade or Pass/No Pass — 45 lecture hours****Requisites:***Satisfactory completion of HUSEV20 and HUSEV23 and HUSEV24 and HUSEV25 and HUSEV28 Concurrent enrollment in or satisfactory completion of HUSEV45***Advisories:***Language—Recommended eligibility for ENGL1A***Transferable to CSU only***C-ID: ADS 210X*

This course is designed to provide students with an opportunity to practice, develop and strengthen skills that will facilitate gaining employment in the chemical dependency and human services fields. Seminar is designed to take concurrently with Human Services Supervised Internship (HUSEV 45). Topics covered in seminar include signs and symptoms of burnout; unique needs of the recovering counselor and those working in the human service field; prevention and intervention techniques, identify and use of personal strengths, knowledge to promote professional growth; stress management and relaxation techniques; importance of nutrition and health; time management and dual relationships. Students will apply and integrate the values, knowledge, and skills learned in seminar through direct, hands-on experience in chemical dependency counseling. Special attention is given to individual, group, and family counseling.

**HUSEV45 Supervised Human Services Internship**

1.0–4.0 units

**Letter Grade or Pass/No Pass — 64–256 lab hours****Requisites:***Concurrent enrollment in or satisfactory completion of HUSEV43 or HUSEV44***Transferable to CSU only**

This course offers students a supervised field experience in a community organization, agency, or institution, allowing the student to apply knowledge and learn new skills outside of the classroom environment. This course is designed to provide the student with an opportunity to develop skills that would facilitate gaining employment in the chemical dependency or human services fields. This course counts towards the 16-unit limit on work experience during the students' enrollment in Yuba Community College District. Students enrolled in HUSEV 45 are not eligible for other Cooperative Work Experience/Internship classes during the same semester.

# HUMANITIES

## DIVISION CONTACT

*Dr. Shannon Reed*

*Dean of Arts & Sciences*

**Office:** (530) 661-5719

**Counseling:** (530) 661-5703

## NO AWARD OFFERED

No Award Offered

## HUMANITIES COURSES

### **HUMAN10** Introduction To Western Humanities 3.0 units

**Letter Grade Only — 54 lecture hours**

**Counts toward WCC Graduation Area C**

**Transferable to both UC and CSU**

*CSU GE-Breadth: C1, C2*

*IGETC: 3B*

*UC-TCA: UC-H*

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.

### **HUMAN11** Art, Literature, and Music in Humanities 3.0 units

**Letter Grade Only — 54 lecture hours**

**Counts toward WCC Graduation Area C**

**Transferable to both UC and CSU**

*CSU GE-Breadth: C1, C2*

*IGETC: 3B*

*UC-TCA: UC-H*

Art, literature, and music in the humanities, from the Renaissance through the twentieth century.

# INTERDISCIPLINARY STUDIES

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
**Office:** (530) 661-5719  
**Counseling:** (530) 661-5703

## DEGREES OFFERED

- » Arts and Humanities (A.A.)
- » Child and Adolescent Development (A.A.-T)
- » Law, Public Policy, and Society (A.A.-T)
- » Natural Sciences (A.S.)
- » Pre-Health Occupations (A.S.)
- » Social and Behavioral Sciences (A.A.)
- » Social Justice Studies (A.A.-T)
- » Social Science (A.A.)

## CERTIFICATES OFFERED

- » CSU GE-Breadth (Certificate)
- » IGETC (Certificate)

## IGETC (CERTIFICATE)

### Certificate of Achievement

This certificate is designed for students planning to transfer to a California State University (CSU) or University of California (UC) campus. It ensures that the student has met the lower division Intersegmental General Education Transfer Curriculum requirements for all CSU and UC campuses.

Earning this Certificate of Achievement will not replace the IGETC Certification document. The "Certification of IGETC" is a separate process. Students must request IGETC Certification at the time they request a final WCC transcript to be sent to the UC or CSU school they plan on attending. File this request with the Office of Admissions and Records.

### Student Learning Outcomes

**Upon successful completion of this program, students will be able to:**

- ✓ Complete the Intersegmental General Education Transfer Course pattern (IGETC) to prepare for transfer to California State University (CSU) or University of California (UC).
- ✓ Demonstrate effective expository and persuasive writing skills.
- ✓ Demonstrate effective mathematical computation and quantitative reasoning skills.
- ✓ Evaluate ideas about the natural universe using testable methodology.
- ✓ Demonstrate global awareness with an understanding of cultural pluralism.
- ✓ Evaluate the methods of inquiry and evidence used in the behavioral and social sciences.
- ✓ Demonstrate familiarity with U.S. History, the Constitution, and American Ideals.

### Required Courses for Major

Students must complete a minimum of 34 - 37 units used to satisfy IGETC certification requirements. See the IGETC pattern in the Woodland Community College (WCC) catalog or consult with a WCC counselor. . . . . 34.0 - 37.0

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## CSU GE-BREADTH (CERTIFICATE)

### Certificate of Achievement

This certificate is designed for students planning to transfer to a California State University (CSU) campus. Completion of this certificate ensures that the student has met the lower division General Education requirements for all CSU campuses.

Earning this Certificate of Achievement will not replace the CSU/GE Certification document. The "Certification of CSU General Education Breadth" is a separate process. Students must request CSU/GE Certification at the time they request a final WCC transcript to be sent to the CSU school they plan on attending. File this request with the Office of Admissions and Records.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Complete the lower division general education breadth requirements to prepare for transfer to California State University (CSU).
- ✓ Demonstrate effective expository and persuasive writing skills.
- ✓ Demonstrate effective mathematical computation and quantitative reasoning skills.
- ✓ Demonstrate global awareness with an understanding of cultural pluralism.
- ✓ Evaluate the methods of inquiry and evidence used in the behavioral and social sciences.
- ✓ Evaluate ideas about the natural universe using testable methodology.
- ✓ Demonstrate familiarity with U.S. History, the Constitution, and American Ideals.

### Required Courses for Major

Students must complete a minimum of 39 units used to satisfy the CSU General Education requirements. See the CSU General Education patterns listed in the Woodland Community College (WCC) catalog or consult with an WCC counselor. . . . . 39 Units

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## ARTS AND HUMANITIES (A.A.)

### AA: Associate in Arts

The Arts and Humanities AA has an interdisciplinary area of emphasis on the cultural activities and artistic expressions of human beings. Students who complete this degree will develop an awareness of the ways in which people throughout the ages and in different cultures have responded to themselves and the world around them in artistic and cultural creation.

Students who complete this degree can earn higher wages in entry-level positions in a variety of fields, particularly ones that prefer familiarity with the arts and humanities. The degree may also prepare students for careers that require further study, such as art directors and curators, set and exhibit designers, and educators; students who plan to transfer should meet with a counselor to ensure that transfer requirements are met.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Demonstrate an understanding of cultural pluralism and knowledge of global issues.
- ✓ Articulate similarities and differences among cultures, times, and environments.
- ✓ Demonstrate a respect for various opinions, feelings, and various cultural values.
- ✓ Effectively communicate an understanding of cultural expression through art, music, languages, literature, and/or history.

### Required Courses for Major

**ARTS AND HUMANITIES (A.A.)** **60 TOTAL UNITS**

**Select** 18 units from courses that meet the WCC General Education Area C (Humanities) requirements. . . . Courses in area of emphasis must be selected from at least 3 different disciplines, and completed with a C or better. . . . . 18 Units

**Students** must also complete WCC Graduation and General Education requirements, including additional degree-applicable coursework to reach 60 units. . . . . 42 Units



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## CHILD AND ADOLESCENT DEVELOPMENT (A.A.-T)

### AA-T: Associate in Arts for Transfer

The Associate in Arts in Child and Adolescent Development for Transfer degree is an interdisciplinary program designed to prepare students for continued study in a range of majors at a CSU, including Child and Adolescent Development, Family Studies, and Human Development. The core courses give a solid foundation in psychology with electives in biology, early childhood education, and sociology.

Human development majors study both the biological factors such as growth, physical maturation and aging, and social factors such as parenting, education and personal choices, that affect the developmental process. While careers in this field typically require more than 2 years of study, human development graduates find employment as educators in early childhood and more advanced settings, as social workers and counselors, and in governmental or private agency settings relating to social welfare and recreation. Graduates are also prepared to pursue advanced degrees in behavioral and social sciences, education, social work, family law or health sciences.

The following is required for all AA-T or AS-T degrees:

- Minimum of 60 CSU-transferable semester units.
- Minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
- Completion of a minimum of 18 semester units in an “AA-T” or AS-T” major as detailed in the transfer section of the catalog. All courses in the major must be completed with a grade of C or better or a “P” if the course is taken on a pass/no pass basis.

Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.

### Student Learning Outcomes

**Upon successful completion of this program, students will be able to:**

- ✓ *Articulate the interplay of biological, psychological, and social forces shaping human development throughout the lifespan.*
- ✓ *Critically evaluate research relevant to human development and apply human development knowledge in diverse contexts.*
- ✓ *Complete lower-division preparation for transfer to a related major at a four-year university.*

### Required Courses for Major

**CHILD AND ADOLESCENT DEVELOPMENT (A.A.-T) 19–20 TOTAL UNITS**

**Required Courses . . . . . 13 Units**

**ECE3** Child Growth and Development. . . . . 3 Units

**PSYCH1A** General Psychology . . . . . 3 Units

**PSYCH41** Lifespan Development . . . . . 3 Units

**STAT1** Introduction To Statistical Methods . . . . . 4 Units

**Natural Science Elective (choose one) . . . . . 3–4 Units**

**BIOL10L** General Biology . . . . . 4 Units

**BIOL15** Bioscience . . . . . 4 Units

**NUTR10** Principles of Nutrition . . . . . 3 Units

**Social Science Elective (choose one) . . . . . 3 Units**

**ANTHR2** Cultural Anthropology. . . . . 3 Units

**ECE31** Child, Family, Community . . . . . 3 Units

**SOCIL10** Sociology of Marriage and Family . . . . . 3 Units

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## LAW, PUBLIC POLICY, AND SOCIETY (A.A.-T)

### AA-T: Associate in Arts for Transfer

The Associate in Arts in Law, Public Policy, and Society for Transfer (AA-T) degree is designed to provide a seamless pathway for transfer to a CSU in majors such as American Studies, Criminology, Global Intelligence and National Security, International Relations, Philosophy, and related majors in the fields of law and public policy. This interdisciplinary area of emphasis emphasizes the development of communication skills, introduces students to foundations of law and public policy in society, and prepares students for further study in a variety of majors.

This degree coursework is good preparation for students who want to attend law school upon completion of a bachelor’s degree. Students who complete more advanced degrees in these areas are preparing for careers in government, politics, and public offices within public and nonprofit organizations or the private sector.

The following is required for all AA-T or AS-T degrees:

- Minimum of 60 CSU-transferable semester units.
- Minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
- Completion of a minimum of 18 semester units in an “AA-T” or AS-T” major as detailed in the transfer section of the catalog. All courses in the major must be completed with a grade of C or better or a “P” if the course is taken on a pass/no pass basis.
- Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.

## Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Demonstrate an understanding of the political institutions and legal processes through which public plans are formulated and implemented.
- ✓ Develop and apply strong communication skills in analyses of legal and social issues.
- ✓ Apply skills and knowledge acquired in the curriculum to analyze policy issues and make policy recommendations.

## Required Courses for Major

**LAW, PUBLIC POLICY, AND SOCIETY (A.A.-T) 32 TOTAL UNITS**

**Required Courses . . . . . 26 Units**

**COMPLETE AT LEAST ONE OF THE FOLLOWING**

- HIST17A** United States History . . . . .3 Units  
**HIST17B** United States History II. . . . .3 Units

## COMPLETE ALL OF THE FOLLOWING

- AJ11** Criminal Law . . . . .3 Units  
**ENGL1A** College Composition and Reading . . . . .4 Units  
**ENGL1C** Critical Thinking/Advanced Composition . . . . .3 Units  
**PHIL2** Ethics . . . . .3 Units  
**POLSC1** Introduction To American Government . . . . .3 Units  
**STAT1** Introduction To Statistical Methods . . . . .4 Units  
**SPECH6** Small Group Communication . . . . .3 Units

**Restricted Electives (choose two from different disciplines) . . . 6 Units**

- AJ14** Criminal Justice Process . . . . .3 Units  
**AJ19** Multicultural Communities and the Justice System. . . . .3 Units  
**ECON1A** Elementary Economics-Macro . . . . .3 Units  
**POLSC2** Introduction to Political Theory . . . . .3 Units  
**SOCIL2** Social Problems . . . . .3 Units  
**POLSC3** Comparative Government and Politics . . . . .3 Units  
**GNBUS18A** Business Law . . . . .3 Units

## NATURAL SCIENCES (A.S.)

### AS: Associate in Science

The Natural Sciences AS has an interdisciplinary area of emphasis on the study of the natural world, its life forms, and the transformations of matter and energy, as well as the procedure by which new information is acquired and the scientific method. Students who complete this degree will develop an understanding of the relationships between science and other human activities.

Students who complete this degree can earn higher wages in entry-level positions in a variety of fields, particularly ones that prefer familiarity with the natural sciences. The degree may also prepare students for careers that require further study, such as conservationists, researchers and lab technicians, and educators; students who plan to transfer should meet with a counselor to ensure that transfer requirements are met.

## Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Demonstrate familiarity with methods of scientific inquiry.
- ✓ Demonstrate familiarity with multiple aspects of the natural world and its life forms.
- ✓ Demonstrate and understanding of ways in which science interacts with and affects human activities.

## Required Courses for Major

**NATURAL SCIENCES (A.S.) 60 TOTAL UNITS**

- Area of Emphasis:** Select 18 units from courses that meet the WCC General Education Area A (Natural Science) requirements. Courses in area of emphasis must be selected from at least 3 different disciplines, and be completed with a C or better. . . . .18 Units  
**Additional Requirements:** Students must also complete WCC Graduation and General Education requirements, including additional degree-applicable coursework to reach 60 units. 42 Units

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## PRE-HEALTH OCCUPATIONS (A.S.)

### AS: Associate in Science

This degree prepares students interested in a variety of Allied Health occupations with a rigorous course of study interested in a variety of Allied Health occupations. It contains coursework required for many allied health majors including Nursing, Medical Laboratory Technology, and others. Since each training program requires a unique set of prerequisite coursework, it is imperative that students work closely with Counselors to ensure the appropriate courses are chosen for the training program they wish to enter. Completion of the degree does not guarantee enrollment in any health occupation program.

#### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ *Demonstrate written and oral communication skills appropriate for careers in Allied Health.*
- ✓ *Demonstrate comprehension of key science principles relating to careers in Allied Health.*
- ✓ *Describe the roles that culture and diversity play in various aspects of human behavior.*
- ✓ *Demonstrate skills in laboratory procedures and apply critical thinking skills in laboratory experiments.*
- ✓ *Explain the principles of nutrition and their effect on health.*
- ✓ *Describe the overall organization of the human body.*

### Required Courses for Major

PRE-HEALTH OCCUPATIONS (A.S.)

24 TOTAL UNITS

Physical and Biological Science Courses (15 units minimum) . 15 Units

<b>BIOL1</b> Principles of Biology .....	5 Units
<b>BIOL4</b> Human Anatomy.....	4 Units
<b>BIOL5</b> Human Physiology .....	4 Units
<b>BIOL6</b> Introductory Microbiology .....	4 Units
<b>BIOL15</b> Bioscience .....	4 Units
<b>CHEM1A</b> General Chemistry I .....	5 Units
<b>CHEM1B</b> General Chemistry II.....	5 Units
<b>CHEM2A</b> Introductory Chemistry .....	5 Units
<b>CHEM2B</b> Introductory Chemistry .....	4 Units
<b>PHYS2A</b> General Physics.....	3 Units
<b>PHYS2B</b> General Physics.....	3 Units
<b>PHYS3A</b> General Physics Laboratory .....	1 Units
<b>PHYS3B</b> General Physics Laboratory .....	1 Units

Restricted Electives (9 units minimum) . . . . . 9 Units

<b>ANTHR2</b> Cultural Anthropology.....	3 Units
<b>ECE3</b> Child Growth and Development.....	3 Units
<b>NUTR10</b> Principles of Nutrition .....	3 Units
<b>PSYCH1A</b> General Psychology .....	3 Units
<b>PSYCH41</b> Lifespan Development .....	3 Units
<b>SOCIL1</b> Introduction To Sociology.....	3 Units
<b>SPECH1</b> Public Speaking.....	3 Units
<b>SPECH3</b> Argumentation and Critical Thinking.....	3 Units
<b>SPECH6</b> Small Group Communication .....	3 Units
<b>SPECH7</b> Interpersonal Communication .....	3 Units
<b>STAT1</b> Introduction To Statistical Methods .....	4 Units

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## SOCIAL AND BEHAVIORAL SCIENCES (A.A.)

### AA: Associate in Arts

The Social and Behavioral Sciences AA has an interdisciplinary area of emphasis on people as members of society. Students who complete this degree will develop an awareness of the methods of inquiry used by the social and behavioral sciences, the ways people act and have acted in response to their societies, and how societies and social subgroups operate.

Students who complete this degree can earn higher wages in entry-level positions in a variety of fields, particularly ones that prefer familiarity with the social and behavioral sciences. The degree may also prepare students for careers that require further study, such as social and community service managers, researchers, and educators; students who plan to transfer should meet with a counselor to ensure that transfer requirements are met.

#### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ *Demonstrate knowledge of the scientific method and the range of research methodologies used in social and behavioral sciences.*
- ✓ *Demonstrate personal and social responsibility through articulating the mutually constituting relationship between self and society.*
- ✓ *Demonstrate global awareness of diverse social structures, concepts, and constructs.*
- ✓ *Demonstrate critical thinking about the social world by evaluating theories and evidence from multiple social science disciplines.*

## Required Courses for Major

### SOCIAL AND BEHAVIORAL SCIENCES (A.A.) 60 TOTAL UNITS

**Area of Emphasis:** Select 18 units from courses that meet the WCC General Education Area B (Social Science) requirements. Courses in area of emphasis must be selected from at least 3 different disciplines, and completed with a C or better. . . . . 18 Units

**Additional Requirements:** Students must also complete WCC Graduation and General Education requirements, including additional degree-applicable coursework to reach 60 units. 42 Units

## SOCIAL JUSTICE STUDIES (A.A.-T)

### AA-T: Associate in Arts for Transfer

The Associate in Arts in Social Justice Studies for Transfer (AA-T) degree at Woodland Community College prepares students for seamless transfer into Ethnic Studies, Gender Studies, Social Justice Studies, and related majors in the CSU system.

Students who choose to major in Social Justice Studies and related fields have a wide range of career options: activists, community organizers, public policy analysts, conflict resolution specialists, human relations workers, NGO workers, human rights groups, political campaigners, workers in environmental organizations, alternative media, human rights groups, political campaigns, religious organizations, international agencies, mediators, rights advocates, journalists, lobbyists, and community organizers. Most careers require more than an Associate degree.

The following is required for all AA-T or AS-T degrees:

- Minimum of 60 CSU-transferable semester units.
- Minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
- Completion of a minimum of 18 semester units in an “AA-T” or AS-T” major as detailed in the transfer section of the catalog. All courses in the major must be completed with a grade of C or better or a “P” if the course is taken on a pass/no pass basis.
- Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.

### Student Learning Outcomes

**Upon successful completion of this program, students will be able to:**

- ✓ *Recognize and connect the ways individuals and institutions may be beneficiaries and/or victims of social injustice.*
- ✓ *Identify and analyze the ways injustices are institutionalized in social, political, and economic structures.*
- ✓ *Identify and practice the methods people use to fight for social justice at local, national, and international levels.*

## Required Courses for Major

### SOCIAL JUSTICE STUDIES (A.A.-T) 18 TOTAL UNITS

#### Required Courses . . . . . 12 Units

- ETHN11** Introduction to Ethnic Studies . . . . . 3 Units
- SOCIL5** Sociology of Race and Ethnicity . . . . . 3 Units
- SOCIL6** Sociology of Sex and Gender . . . . . 3 Units
- SOCIL8** Social Science Research Methods . . . . . 3 Units

#### Electives (choose 2) . . . . . 6 Units

- EDUC15** Educational Inequities in the U.S. School System. . . . 3 Units
- ETHN1** Introduction To Chicano Studies . . . . . 3 Units
- ETHN2** Introduction to Native American Studies . . . . . 3 Units
- ETHN5** Introduction to Chicana/o Culture . . . . . 3 Units
- ETHN6** History of Race and Ethnicity in America . . . . . 3 Units
- ETHN15** Mexican-American History . . . . . 3 Units
- ETHN21** Chicana/o and Latina/o Health Care Issues . . . . . 3 Units
- ETHN30** Survey of Chicana/o Art . . . . . 3 Units
- SPECH8** Intercultural Communication . . . . . 3 Units
- SPECH16** Gender, Sexual Identity, and Communication. . . . . 3 Units

# SOCIAL SCIENCE (A.A.)

## AA: Associate in Arts

This degree is designed to prepare students for a Bachelor of Arts degree in Social Science and to provide subject matter preparation for the Single Subject Teaching Credential in Social Science. Career possibilities, most requiring further study, include: Middle School or High School Teacher of Civics, Economics, Geography, and History; Politics; Government and Civil Service; Lobbyist; Pre-Law Attorney; Law Enforcement; Business; Public Relations; Human Relations/Personnel Specialist; Journalist; Military Service; Community Service; Graduate School

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Demonstrate an understanding of a variety of social science concepts.

### Required Courses for Major

SOCIAL SCIENCE (A.A.)	21 TOTAL UNITS
Required Courses . . . . .	21 Units
ECON1A Elementary Economics-Macro . . . . .	3 Units
ECON1B Elementary Economics-Micro . . . . .	3 Units
HIST5A World Civilization I. . . . .	3 Units
HIST5B World Civilizations II . . . . .	3 Units
HIST17A United States History . . . . .	3 Units
HIST17B United States History II. . . . .	3 Units
POLSC1 Introduction To American Government. . . . .	3 Units

Additional recommended coursework for students preparing for single subject teaching credential: PHIL 2 Ethics ( 3 )

# LEARNING ASSISTANCE

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## CERTIFICATES OFFERED

» Basic Academic Skills (Noncredit Certificate)

## BASIC ACADEMIC SKILLS (NONCREDIT CERTIFICATE)

### Certificate of Competency (Noncredit)

The Basic Academic Skills program at Woodland Community College is designed to prepare students for the official high school equivalency exams including the GED or HiSet test and/or enhance college readiness. Upon successful completion of the Basic Academic Skills Certificate of Competency, students will have improved proficiency in the areas of basic math, reading, writing, and technology ensuring greater success in the work place or in college credit programs.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Improve skills in solving multi-step math problems (numerical and word) involving basic operations up to algebra and geometry
- ✓ Improve ability to identify and summarize main ideas in short reading selections involving a variety of genres (essays, news articles, text books, etc)
- ✓ Write a competent and focused 2-6 paragraph response on an assigned topic.
- ✓ Collaborate with others and demonstrate the characteristics of successful self-directed learners.

### Required Courses for Major

BASIC ACADEMIC SKILLS (NONCREDIT CERTIFICATE) 0 TOTAL UNITS

**LEARN520** Beginning Basic Academic Skills. . . . . 0 Units

**LEARN521** Intermediate Basic Academic Skills . . . . . 0 Units

## LEARNING ASSISTANCE COURSES

**LEARN502** Academic Assistance & Tutoring 0.0 units

*Satisfactory Progress (Noncredit) — 5 lecture hours,  
27–54 lab hours*

**Non-credit course**

Academic Assistance & Tutoring is individual and group assistance for academic success through study guidance, tutoring, and support. Course is designed for students seeking assistance with concurrent coursework.

**LEARN520** Beginning Basic Academic Skills 0.0 units

*Satisfactory Progress (Noncredit) — 36 lecture hours,  
45–54 lab hours*

**Non-credit course**

General review of beginning to intermediate concepts of reading, writing, and math including strategies for preparing for the GED/HiSET exam.



**LEARN521** Intermediate Basic Academic Skills 0.0 units

**Satisfactory Progress (Noncredit) — 36 lecture hours, 45–54 lab hours**

**Requisites:**

Satisfactory completion of LEARN520

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**Non-credit course**

General review of intermediate concepts of basic reading, writing, and math. Builds on skills obtained in LEARN 520. Includes strategies in preparation for the GED/HiSET exam and post-secondary coursework.

**LEARN574** Arithmetic for College 0.0 units

**Satisfactory Progress (Noncredit) — 36 lecture hours, 54 lab hours**

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**Non-credit course**

The study of whole numbers, fractions, mixed numbers, and decimals which involves concepts of prime and composite numbers, and prime factorization; ratio, proportion, percent; rounding and estimating sums, differences, products, and quotients. Concept applications, math vocabulary, and reasoning skills are emphasized.

# LIBRARY SCIENCE

## DIVISION CONTACT

*Dr. Sandra Fowler*

*Dean of CTE & Workforce Development*

**Office:** (530) 661-5729

**Counseling:** (530) 661-5703

## NO AWARD OFFERED

No Award Offered

## LIBRARY SCIENCE COURSES

**LIBSC1** Basic Research Skills

1.0 unit

***Letter Grade Only — 18 lecture hours***

***Transferable to both UC and CSU***

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.

# MATHEMATICS

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## DEGREES OFFERED

» Mathematics (A.S.-T)

## MATHEMATICS (A.S.-T)

### AS-T: Associate in Science for Transfer

This degree is intended for students who wish to transfer to a California State University to complete a Bachelor's Degree in Mathematics. The AS-T Degree in Mathematics will offer the knowledge and ability to be successful in the completion of Bachelor's Degree in Mathematics and may help prepare you for Bachelor's Degrees in statistics and a variety of science or engineering related areas. (Check with a counselor to obtain accurate information on usefulness of the AS-T in Mathematics for potential use by those intending to major in statistics, engineering, or science related fields.).

Pursuant to SB 1440, the Associate in Science for Transfer in Mathematics is intended for students who plan to complete a Bachelor's Degree in Mathematics at a CSU campus. Students completing an AS-T degree are guaranteed admission to the CSU system, but not to a particular campus or major. Students transferring to a CSU campus that does accept the AS-T will be required to complete no more than 60 units after transfer to earn a Bachelor's Degree. This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. In all cases, students should check with a counselor for more information on university admission and transfer requirements.

To earn this AS-T degree, students must meet the following requirements:

- Completion of the major requirements with grades of C or better;
- Completion of 60 units of CSU transferable courses with a minimum of 2.0 GPA (please check with a counselor for more information; some majors or CSUs may require a higher GPA);
- Verified completion of either the California State University General Education Breadth pattern (CSU GE) or the Intersegmental General Education Transfer Curriculum (IGETC) (please check with a counselor for more information).

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Apply appropriate mathematical and statistical concepts, models, and methods to understand, analyze and communicate results when dealing with issues involving quantitative information.
- ✓ Analyze data and numerical information to evaluate, interpret, and draw objective conclusions when facing quantitative problems.

### Required Courses for Major

MATHEMATICS (A.S.-T) 19-20 TOTAL UNITS

Required Core . . . . . 13 Units

**MATH1A** Single Variable Calculus I -- Early Transcendentals . . . 5 Units

**MATH1B** Single Variable Calculus II -Early Trans . . . . . 4 Units

**MATH1C** Multivariable Calculus. . . . . 4 Units

Group A: Select one course . . . . . 3 Units

**MATH2** Ordinary Differential Equations. . . . . 3 Units

**MATH3** Linear Algebra. . . . . 3 Units

Group B: Select one course . . . . . 3-4 Units

**PHYS4A** Mechanics . . . . . 4 Units

**STAT1** Introduction To Statistical Methods . . . . . 4 Units

**OR** any course not already selected in Group A

# MATHEMATICS COURSES

## **MATH1A** Single Variable Calculus I -- Early Transcendentals 5.0 units

**Letter Grade Only — 90 lecture hours**

**Requisites:**

Satisfactory completion of MATH20 and MATH21

**Counts toward WCC Graduation Area D2**

**Transferable to both UC and CSU**

C-ID: MATH 210

CSU GE-Breadth: B4

IGETC: 2A

UC-TCA: UC-M

A first course in differential and integral calculus of a single variable: functions; limits and continuity; techniques and applications of differentiation and integration; Fundamental Theorem of Calculus. Primarily for Science, Technology, Engineering, and Mathematics Majors.

## **MATH1B** Single Variable Calculus II -Early Trans 4.0 units

**Letter Grade Only — 72 lecture hours**

**Requisites:**

Satisfactory completion of MATH1A

**Counts toward WCC Graduation Area D2, Math Competency Requirement**

**Transferable to both UC and CSU**

C-ID: MATH 220

CSU GE-Breadth: B4

IGETC: 2A

UC-TCA: UC-M

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.

## **MATH1C** Multivariable Calculus 4.0 units

**Letter Grade Only — 72 lecture hours**

**Requisites:**

Satisfactory completion of MATH1B

**Counts toward WCC Graduation Math Competency Requirement**

**Transferable to both UC and CSU**

C-ID: MATH 230

CSU GE-Breadth: B4

IGETC: 2A

UC-TCA: UC-M

Vector valued functions, calculus of functions of more than one variable, partial derivatives, multiple integration, Green's theorem, Stokes' theorem, divergence theorem.

## **MATH2** Ordinary Differential Equations 3.0 units

**Letter Grade Only — 54 lecture hours**

**Requisites:**

Satisfactory completion of MATH1B

**Counts toward WCC Graduation Math Competency Requirement**

**Transferable to both UC and CSU**

C-ID: MATH 240

CSU GE-Breadth: B4

IGETC: 2A

UC-TCA: UC-M

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 solutions(s) exist, and techniques for obtaining solutions, including, series solutions, Laplace transforms and linear systems.

**MATH3** Linear Algebra

3.0 units

**Letter Grade Only — 54 lecture hours****Requisites:***Satisfactory completion of MATH1B***Counts toward WCC Graduation Math Competency Requirement****Transferable to both UC and CSU***C-ID: MATH 250**CSU GE-Breadth: B4**IGETC: 2A**UC-TCA: UC-M*

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.

**MATH9** Calculus for Business, Social and Life Sciences

4.0 units

**Letter Grade Only — 63 lecture hours, 27 lab hours****Requisites:***Satisfactory completion of MATH52 or by placement***Limitations on enrollment:***Not open for credit to students with credit in MATH1A***Counts toward WCC Graduation Area D2, Math Competency Requirement****Transferable to both UC and CSU***C-ID: MATH 140**CSU GE-Breadth: B4**IGETC: 2A**UC-TCA: UC-M*

Topics of calculus including differentiation, integration, graphs, limits, and rates. Applications from economics, business, life science, and behavioral science.

**MATH11** Introduction to Mathematical Ideas

3.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours****Requisites:***Intermediate Algebra or equivalent, or by placement***Counts toward WCC Graduation Area D2, Math Competency Requirement****Transferable to CSU Only**

This course is focused on the spirit of mathematics through a study of some engaging ideas. Several specific topics will be chosen from: numeration systems, logic, sets, number theory, algebraic modeling, geometry, combinatorics, probability, statistics, consumer mathematics, graph theory, voting and apportionment, matrices, and perhaps others. This course is not recommended for students entering elementary school teaching, business administration majors, or STEM majors.

**MATH15** Concepts and Structures of Mathematics

3.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours****Requisites:***Intermediate algebra course, or equivalent, or by placement***Counts toward WCC Graduation Area D2, Math Competency Requirement****Transferable to both UC and CSU***CSU GE-Breadth: B4**UC-TCA: UC-M*

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.

**MATH20** College Algebra

5.0 units

**Letter Grade Only — 90 lecture hours****Requisites:***Satisfactory completion of MATH52 or by placement***Counts toward WCC Graduation Area D2, Math Competency Requirement****Transferable to both UC and CSU***C-ID: MATH 151**CSU GE-Breadth: B4**IGETC: 2A**UC-TCA: UC-M*

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.

**MATH21** Plane Trigonometry

3.0 units

**Letter Grade Only — 54 lecture hours****Requisites:***Satisfactory completion of MATH52 or by placement***Counts toward WCC Graduation Area D2, Math Competency Requirement****Transferable to CSU only***C-ID: MATH 851**CSU GE-Breadth: B4*

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.

**MATH52** Intermediate Algebra

4.0 units

**Letter Grade Only — 72 lecture hours****Requisites:***Intermediate algebra course, or equivalent, or by placement***Counts toward WCC Graduation Area D2, Math Competency Requirement****Not Transferable**

Fundamental operations of algebra; linear and quadratic equations and inequalities; exponents and polynomials; rational expressions; radicals and fractional exponents; graph of a straight line; linear and quadratic system of equations; conic sections; exponential and logarithmic functions.

**MATH58** Mathematics for Everyday Living

3.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours****Requisites:***Elementary algebra course, or equivalent, or by placement***Counts toward WCC Graduation Area D2, Math Competency Requirement****Not Transferable**

Interpretation of and reasoning with quantitative information. Coverage of logic; units analysis; uses of percentages, ratios, and indices; financial management; and statistics.

**MATH101** Elementary Algebra

4.0 units

**Letter Grade Only — 72 lecture hours****Limitations on enrollment:***Not open for credit to students with credit in MATH50, 50A, or 50B***Not Transferable**

Introductory algebra. Topics include: signed numbers, graphing, linear equations, and systems of linear equations in two variables.

**MATH111** Prealgebra

4.0 units

**Letter Grade Only — 72 lecture hours****Not Transferable**

Seeks to develop algebraic thinking. Topics include: operations on the rational numbers; exponents; the order of operations; the real numbers and their decimal number representation; the field axioms; introduction to algebra; percent, ratio, proportion; basic geometry; conversion of units and problem solving using equations.



# MUSIC

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## NO AWARD OFFERED

No Award Offered

## MUSIC COURSES

### MUSIC3 Music Appreciation 3.0 units

**Letter Grade Only — 54 lecture hours**

#### Limitations on enrollment:

Not open for credit to students with credit in HUMAN3

**Counts toward WCC Graduation Area C**

**Transferable to both UC and CSU**

C-ID: MUSIC 100

CSU GE-Breadth: C1

IGETC: 3A

UC-TCA: UC-H

Study of music in relation to the humanities; music and composers of the western world from medieval to the 20th Century. Topics studied include but are not limited to elements of music, basic musical forms, music periods, styles, and the role of music and musicians in the western world.

### MUSIC10 Music Fundamentals 3.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours**

**Counts toward WCC Graduation Area C**

**Transferable to CSU only**

An introduction to the notation and primary elements of tonal music. Incorporates the following concepts: staff notation in treble and bass clefs; rhythm and meter; basic properties of sound; intervals; diatonic scales and triads; and diatonic chords. Development of skills in handwritten notation is expected.

### MUSIC12 Jazz Appreciation 3.0 units

**Letter Grade Only — 54 lecture hours**

#### Limitations on enrollment:

Not open for credit to students with credit in HUMAN12

**Counts toward WCC Graduation Area C**

**Transferable to both UC and CSU**

CSU GE-Breadth: C1, C2

IGETC: 3A

UC-TCA: UC-H

General survey of jazz from its original and early development to present day; extensive listening to recorded and live performance supports the lecture material. Students will become acquainted with the musical styles and the historical and social context of jazz, along with the techniques and personalities of artists who made original contributions and influenced other artists.

### MUSIC15 Popular Music in The United States 3.0 units

**Letter Grade Only — 54 lecture hours**

#### Limitations on enrollment:

Not open for credit to students with credit in HUMAN15

**Transferable to both UC and CSU**

CSU GE-Breadth: C1

IGETC: 3A, 3B

UC-TCA: UC-H

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.

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Limitations on enrollment:**

*Not open for credit to students with credit in HUMAN 16*

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**Counts toward WCC Graduation Area C, Multicultural Graduation Requirement**

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**Transferable to both UC and CSU**

*CSU GE-Breadth: C1*

*IGETC: 3A*

*UC-TCA: UC-H*

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.

# NUTRITION

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## DEGREES OFFERED

» Nutrition and Dietetics (A.S.-T)

## NUTRITION AND DIETETICS (A.S.-T)

### AS-T: Associate in Science for Transfer

CSU system. Students who choose to pursue a major in nutrition have several career opportunities in the fields of medicine, kinesiology, food science, research and academics.

The Associate Degree for Transfer student completion requirements are:

- Completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
- A minimum of 18 semester units in a major or area of emphasis.
- Obtainment of a minimum grade point average of 2.0.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Assess methods for improving health through dietary and lifestyle modifications.
- ✓ Analyze the relationship between health and development.
- ✓ Demonstrate familiarity with scientific method and statistical analyses.
- ✓ Analyze the physiological processing of nutrients as they relate to energy balance, energy metabolism, and physical activity.

### Required Courses for Major

NUTRITION AND DIETETICS (A.S.-T) 27 TOTAL UNITS

Required Courses . . . . . 20 Units

**BIOL6** Introductory Microbiology . . . . .4 Units  
**CHEM1A** General Chemistry I . . . . .5 Units  
**CHEM1B** General Chemistry II . . . . .5 Units  
**NUTR10** Principles of Nutrition . . . . .3 Units  
**PSYCH1A** General Psychology . . . . .3 Units

List A (choose one) . . . . . 4 Units

**BIOL4** Human Anatomy . . . . .4 Units

**BIOL5** Human Physiology . . . . .4 Units

**CHEM18A** Organic Chemistry for Health and Life Sc . . . . .4 Units

**STAT1** Introduction To Statistical Methods . . . . .4 Units

List B (choose one) . . . . . 3 Units

**ANTHR2** Cultural Anthropology . . . . .3 Units

**ECE3** Child Growth and Development . . . . .3 Units

**SOCIL1** Introduction To Sociology . . . . .3 Units

## NUTRITION COURSES

**NUTR10** Principles of Nutrition 3.0 units

*Letter Grade Only — 54 lecture hours*

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Area A, Health/PE Graduation Requirement**

**Transferable to both UC and CSU**

**C-ID: NUTR 110**

**CSU GE-Breadth: E**

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, the diet-disease relationship, and individual's nutritional needs throughout the life cycle are emphasized. Course includes assessment of the student's own nutritional health.

# PHILOSOPHY

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## NO AWARD OFFERED

No Award Offered

## PHILOSOPHY COURSES

### PHIL1 Introduction To Philosophy 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Area C**

**Transferable to both UC and CSU**

*CSU GE-Breadth: C2*

*IGETC: 3B*

*UC-TCA: UC-H*

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.

### PHIL2 Ethics 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Area C**

**Transferable to both UC and CSU**

*C-ID: PHIL 120*

*CSU GE-Breadth: C2*

*IGETC: 3B*

*UC-TCA: UC-H*

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.

### PHIL12 Critical Thinking 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Area C, Area D2**

**Transferable to both UC and CSU**

*CSU GE-Breadth: A3*

*UC-TCA: UC-H*

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, casual inference, and scientific method.

***Letter Grade Only — 54 lecture hours***

***Advisories:***

*Language—Recommended eligibility for ENGL1A*

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***Counts toward WCC Graduation Area C, Multicultural Graduation Requirement***

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***Transferable to both UC and CSU***

*CSU GE-Breadth: C2*

*IGETC: 3B*

*UC-TCA: UC-H*

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.

# PHYSICAL EDUCATION

## DIVISION CONTACT

Dr. Sandra Fowler

Dean of CTE & Workforce Development

Office: (530) 661-5729

Counseling: (530) 661-5703

## NO AWARD OFFERED

No Award Offered

## PHYSICAL EDUCATION COURSES

### PE1.27 Fitness Walking/Jogging 1.0-2.0 units

**Letter Grade Only — 9-18 lecture hours, 27-54 lab hours**

**Transferable to both UC and CSU**  
**CSU GE-Breadth: E**

Individualized walking/jogging program designed to improve cardiovascular endurance and muscular strength. Emphasis on Lifetime fitness including principles of nutrition, fitness, and safety.

### PE10R Competitive Soccer 3.0 units

**Pass/No Pass Only — 162 lab hours**

**Counts toward WCC Graduation Health/PE Graduation Requirement**

**Transferable to CSU only**

This course is designed for students who possess the desire, ability and skills necessary to compete in soccer on the intercollegiate level. Students enrolled in this co-ed course may play for WCC in the men's or women's soccer conference at the discretion of the instructor/coach. A minimum of 9.5 hours participation per week during the season of the sport is required. This course may be taken a total of 4 times.

### PE11R Soccer Skills and Conditioning 1.0 unit

**Pass/No Pass Only — 54 lab hours**

**Counts toward WCC Graduation Health/PE Graduation Requirement**

**Transferable to CSU only**

This is a course for off-season conditioning of soccer players. Students will practice strategies and soccer skills necessary to compete on the intercollegiate level. This course may be taken a total of 4 times.



# PHYSICS

## DIVISION CONTACT

Dr. Shannon Reed

Dean of Arts & Sciences

Office: (530) 661-5719

Counseling: (530) 661-5703

## NO AWARD OFFERED

No Award Offered

## PHYSICS COURSES

### PHYS1A General Physics I

4.0 units

**Letter Grade Only — 54 lecture hours, 54 lab hours**

#### Requisites:

Satisfactory completion of MATH21

#### Limitations on enrollment:

Not open for credit to students with credit in PHYS2A or PHYS3A

#### Counts toward WCC Graduation Area A

#### Transferable to both UC and CSU

C-ID: PHYS 105

CSU GE-Breadth: B1, B3

IGETC: 5A, 5C

UC-TCA: UC-S

This is a trigonometry-based survey of general physics. It covers the basics of mechanics, hydrostatics, hydrodynamics, thermodynamics, heat, wave and oscillatory motion. It is designed for biological science students, including those in pre-medical, pre-dental, physical and occupational therapy, agricultural, and forestry programs.

### PHYS1B General Physics II

4.0 units

**Letter Grade Only — 54 lecture hours, 54 lab hours**

#### Requisites:

Satisfactory completion of PHYS1A or successful completion of PHYS2A and PHYS3A

#### Limitations on enrollment:

Not open for credit to students with credit in PHYS2B or PHYS3B

#### Counts toward WCC Graduation Area A

#### Transferable to both UC and CSU

C-ID: PHYS 110

CSU GE-Breadth: B1, B3

IGETC: 5A, 5C

UC-TCA: UC-S

This is a trigonometry-based survey of general physics. It covers the basics of electricity, magnetism, electromagnetic waves, circuits, optics, light, and modern physics. It is designed for biological science students, including those in pre-medical, pre-dental, physical and occupational therapy, agricultural, and forestry programs.

**PHYS4A Mechanics**

4.0 units

**Letter Grade Only — 54 lecture hours, 54 lab hours****Requisites:**

Satisfactory completion of MATH1A Concurrent enrollment in or satisfactory completion of MATH1B

**Advisories:**

*Language*—Recommended eligibility for ENGL1A

**Counts toward WCC Graduation Area A****Transferable to both UC and CSU**

**C-ID:** PHYS 205

**CSU GE-Breadth:** B1, B3

**IGETC:** 5A, 5C

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.

**PHYS4B Electromagnetism**

4.0 units

**Letter Grade Only — 54 lecture hours, 54 lab hours****Requisites:**

Satisfactory completion of MATH1B and PHYS4A Concurrent enrollment in or satisfactory completion of MATH1C

**Transferable to both UC and CSU**

**C-ID:** PHYS 210

**CSU GE-Breadth:** B1, B3

**IGETC:** 5A, 5C

Study of electromagnetism with accompanying laboratory.

**PHYS4C Thermodynamics, Light, and Modern Physics**  
4.0 units**Letter Grade Only — 54 lecture hours, 54 lab hours****Requisites:**

Satisfactory completion of MATH1C and PHYS4B

**Transferable to both UC and CSU**

**C-ID:** PHYS 215

**CSU GE-Breadth:** B1, B3

**IGETC:** 5A, 5C

Study of thermodynamics, optics, and modern physics with accompanying laboratory.

## PLANT SCIENCE

See "Plant Science" on page 99

# POLITICAL SCIENCE

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## DEGREES OFFERED

»Political Science (A.A.-T)

## POLITICAL SCIENCE (A.A.-T)

### AA-T: Associate in Arts for Transfer

Political Science focuses on the theory and practice of government and politics at the local, state, national, and international levels. It is dedicated to developing understandings of institutions, practices, and relations that constitute public life and modes of inquiry that promote citizenship. The Associate in Arts in Political Science for Transfer is designed to prepare students for a seamless transfer into the CSU system to complete a baccalaureate degree in Political Science or similar majors.

For political science majors with the goal of applying to CSU as well as UC, there's a lot of overlap in coursework; students who are applying to UC should consult with a counselor and ASSIST.org to choose the electives that will best satisfy specific UC major requirements.

Students who choose to major in Political Science and related fields can find employment in the public or private sector in the areas of law, government, public relations, business, advocacy, lobbying, international relations, diplomacy, and academia, as well as opportunities in national, state, and local governments. Most careers require more than an Associate degree.

The following is required for all AA-T or AS-T degrees:

- Minimum of 60 CSU-transferable semester units.
- Minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
- Completion of a minimum of 18 semester units in an "AA-T" or "AS-T" major as detailed in the transfer section of the catalog. All courses in the major must be completed with a grade of C or better or a "P" if the course is taken on a pass/no pass basis.
- Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.

## Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Demonstrate knowledge of contemporary systems and governments.
- ✓ Analyze, investigate, and compare ideological approaches to governmental systems.
- ✓ Examine and apply theories, concepts, and practices in political theory.
- ✓ Demonstrate an understanding of the fundamentals of political science and governance.

## Required Courses for Major

### POLITICAL SCIENCE (A.A.-T)

19 TOTAL UNITS

### Required Courses . . . . . 13 Units

<b>POLSC1</b> Introduction To American Government . . . . .	3 Units
<b>POLSC2</b> Introduction to Political Theory . . . . .	3 Units
<b>POLSC3</b> Comparative Government and Politics . . . . .	3 Units
<b>STAT1</b> Introduction To Statistical Methods . . . . .	4 Units

### Restricted Electives (Choose 2 . . . . . 6 Units

<b>AJ10</b> Introduction to Criminal Justice System . . . . .	3 Units
<b>AJ19</b> Multicultural Communities and the Justice System. . . . .	3 Units
<b>ANTHR2</b> Cultural Anthropology. . . . .	3 Units
<b>ECON1A</b> Elementary Economics-Macro . . . . .	3 Units
<b>GEOG2</b> Cultural Geography . . . . .	3 Units
<b>HIST11</b> The World in the 20th Century . . . . .	3 Units
<b>HIST17A</b> United States History . . . . .	3 Units
<b>HIST17B</b> United States History II . . . . .	3 Units
<b>SOCIL1</b> Introduction To Sociology . . . . .	3 Units
<b>SOCIL2</b> Social Problems . . . . .	3 Units
<b>SOCIL5</b> Sociology of Race and Ethnicity . . . . .	3 Units

## POLITICAL SCIENCE COURSES

### **POLSC1** Introduction To American Government 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Counts toward WCC Graduation Area B**

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**Transferable to both UC and CSU**

*C-ID: POLS 110*

*CSU GE-Breadth: D*

*IGETC: 4*

*UC-TCA: UC-B*

Survey of American government and politics, covering three parts: the foundations, politics, and institutions. First, it will explore the foundations of American democracy, such as: political culture, the Constitution, civil liberties, and civil rights. Second, it will analyze American politics in the aspects of the media, political parties, elections, and interest groups. Finally, political institutions will be examined, such as the Congress, the presidency, the courts, and the federal bureaucracy. State and local governments are included. Satisfies Governments(s) Constitution(s) portion of California State University Title 5, Section 40404.

### **POLSC2** Introduction to Political Theory 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Counts toward WCC Graduation Area B**

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**Transferable to both UC and CSU**

*C-ID: POLS 120*

*CSU GE-Breadth: D*

*IGETC: 4*

*UC-TCA: UC-B*

Examination of various theoretical approaches to politics and of basic political problems and proposed solutions. Analysis of selected political theories and of the relevance of theory to contemporary problems.

### **POLSC3** Comparative Government and Politics 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Counts toward WCC Graduation Area B**

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**Transferable to both UC and CSU**

*C-ID: POLS 130*

*CSU GE-Breadth: D*

*IGETC: 4*

*UC-TCA: UC-B*

This course introduces a comparative study of selected European, Asian, African, Latin American, and Middle Eastern political systems. Concerned with broadening and deepening the student's understanding of the nature and variety of political systems. Course topics will include a study of different kinds of political systems, including their history, political institutions, processes and policies, the environments in which they occur, and their consequences.

# PSYCHOLOGY

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## DEGREES OFFERED

»Psychology (A.A.-T)

## PSYCHOLOGY (A.A.-T)

### AA-T: Associate in Arts for Transfer

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. Woodland Community 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.

The following is required for the Associate in Arts in Psychology for Transfer Degree:

- Minimum of 60 CSU-transferable semester units
- Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
- Completion of minimum of 18 semester units in the major as detailed in the program section of the catalog Psychology. All courses in the major must be completed with a grade of C or better.
- Certified completion of the California State University General Education-Breadth pattern (CUS GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Demonstrate respect for the psychological differences in opinions, feelings and values of others in ones interactions.
- ✓ 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.
- ✓ 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.

### Required Courses for Major

PSYCHOLOGY (A.A.-T) 20 TOTAL UNITS

Required Core Courses .....10 Units

**PSYCH1A** General Psychology .....3 Units

**PSYCH7** Research Methods in Psychology .....3 Units

**STAT1** Introduction To Statistical Methods .....4 Units

Biology Requirement (Choose one) ..... 4 Units

**BIOL4** Human Anatomy.....4 Units

**BIOL10L** General Biology .....4 Units

Critical Thinking Requirement (Choose one) ..... 3 Units

**ENGL1B** Critical Thinking & Writing About Literature .....3 Units

**ENGL1C** Critical Thinking/Advanced Composition .....3 Units

**PHIL12** Critical Thinking .....3 Units

Psychology Electives (Choose one) ..... 3 Units

**PSYCH12** Human Sexuality & Sexual Behavior.....3 Units

**PSYCH22** Social Psychology .....3 Units

**PSYCH31** Psychology of Gender .....3 Units

**PSYCH33** Personal and Social Adjustment.....3 Units

**PSYCH41** Lifespan Development .....3 Units

**PSYCH46** Abnormal Psychology.....3 Units

## PSYCHOLOGY COURSES

### PSYCH1A General Psychology 3.0 units

**Letter Grade Only — 54 lecture hours**

**Counts toward WCC Graduation Area B**

**Transferable to both UC and CSU**

**C-ID:** PSY 110

**CSU GE-Breadth:** D, E

**IGETC:** 4

**UC-TCA:** UC-B

General introduction to psychology as a science. Topics include perception, learning, development, motivation, personality, abnormal behavior, and biological and social basis of behavior.

### PSYCH7 Research Methods in Psychology 3.0 units

**Letter Grade Only — 54 lecture hours**

**Requisites:**

*Satisfactory completion of PSYCH1A and STAT1*

**Advisories:**

*Computer Literacy—Recommended basic computer skills*

*Language—Recommended eligibility for ENGL1A*

**Transferable to both UC and CSU**

**C-ID:** PSY 200

**CSU GE-Breadth:** B4

**IGETC:** 4

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.

### PSYCH12 Human Sexuality & Sexual Behavior 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Area B**

**Transferable to both UC and CSU**

**C-ID:** PSY 130

**CSU GE-Breadth:** D, E

**IGETC:** 4

**UC-TCA:** UC-B

Psychological and biological aspects of human sexuality, including developmental issues. Variations in sexual behavior/orientation; structure and function of the reproductive systems, sexual response, and sexually transmitted diseases.

### PSYCH22 Social Psychology 3.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Area B**

**Transferable to both UC and CSU**

**C-ID:** PSY 170

**CSU GE-Breadth:** D

**IGETC:** 4

**UC-TCA:** UC-B

This course will examine the emotion, behavior, and cognition of individuals in social situations. Topics can include: social psychology methods, social perception, social cognition, attitudes, persuasion, social identity, gender identity, prejudice and discrimination, interpersonal attraction, close relationships, conformity, compliance, obedience to authority, helping behavior, aggression, group processes, and social psychology applications. Multiple perspectives discussed.



**PSYCH31** Psychology of Gender 3.0 units

**Letter Grade Only — 54 lecture hours**

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**Counts toward WCC Graduation Area B**

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**Transferable to both UC and CSU**

CSU GE-Breadth: D, E

IGETC: 4, 4

UC-TCA: UC-B

Systematic analysis of psychological principles related to gender including biological, social, and cultural perspectives.

**PSYCH33** Personal and Social Adjustment 3.0 units

**Letter Grade Only — 54 lecture hours**

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**Counts toward WCC Graduation Area B**

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**Transferable to both UC and CSU**

C-ID: PSY 115

CSU GE-Breadth: D, E

IGETC: 4

UC-TCA: UC-B

Principles of personality development with emphasis on self-theories and social interaction theories.

**PSYCH41** Lifespan Development 3.0 units

**Letter Grade Only — 54 lecture hours**

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**Counts toward WCC Graduation Area B**

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**Transferable to both UC and CSU**

C-ID: PSY 180

CSU GE-Breadth: D, E

IGETC: 4

UC-TCA: UC-B

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.

**PSYCH46** Abnormal Psychology 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

Language—Recommended eligibility for ENGL1A

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**Counts toward WCC Graduation Area B**

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**Transferable to both UC and CSU**

CSU GE-Breadth: D, E

IGETC: 4

UC-TCA: UC-B

This course introduces the scientific study of psychopathology and aberrant behaviors, broadly defined. Students will investigate abnormal behavior from a variety of perspectives such as biological, social, and cultural approaches. An integrative view of research in abnormal behavior and intervention and prevention strategies for psychological disorders will also be introduced.

# SIGN LANGUAGE

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## NO AWARD OFFERED

No Award Offered

## SIGN LANGUAGE COURSES

### **SIGN1** Sign Language Studies I 4.0 units

**Letter Grade Only — 72 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Area C**

**Transferable to both UC and CSU**

Introduction to the visual-gestural process of sign language. This course provides instructional activities for people who wish to become competent in communicating with deaf people. Emphasis on non-verbal communication.

### **SIGN2** Sign Language Studies II 4.0 units

**Letter Grade Only — 72 lecture hours**

**Requisites:**

*Satisfactory completion of SIGN1*

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Area C**

**Transferable to both UC and CSU**

*IGETC: 6A*

Non-verbal communication skills utilizing syntactical and finger spelling of multi-syllable words.

### **SIGN3** Sign Language Studies III 4.0 units

**Letter Grade Only — 72 lecture hours**

**Requisites:**

*Satisfactory completion of SIGN2*

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Area C**

**Transferable to both UC and CSU**

*IGETC: 6A*

Continuation of ASL verbal comprehension skills. Study of advanced grammatical structures. Emphasis on expressive skills of deaf culture.

# SOCIOLOGY

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## DEGREES OFFERED

» Sociology (A.A.-T)

## SOCIOLOGY (A.A.-T)

### AA-T: Associate in Arts for Transfer

Sociology is the study of society and how individuals' lives are shaped by the larger social structure. Sociologists study a wide range of topics, including inequality, race, gender and sexuality, family, media, crime and deviance, government, social policy, and religion. Sociology provides students with career opportunities in education, criminology and law, social work, urban planning, and public policy. Most career options require more than two years of college study. Students who obtain the Associate in Arts in Sociology for Transfer (AA-T) will fulfill general education and transfer requirements that prepare students for further study in sociology and related fields. This degree aligns with both the CSU and UC Transfer Pathways.

To obtain the Associate in Arts in Sociology for Transfer (AA-T), students must:

- fulfill CSU GE-Breadth or IGETC requirements
- complete 60 units of CSU transferable coursework
- maintain a minimum overall GPA of 2.0, and complete all courses in the major with a grade of C or better (or a P)

Note that all courses required for the major are CSU/UC transferable and can also count towards the 60 units and the GE-Breadth or IGETC requirements.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Develop and apply a "sociological imagination" to recognize the role social forces play in shaping the lives of individuals.
- ✓ Demonstrate an understanding of the connection between theory and evidence in the social sciences by comparing and applying major sociological theories and by citing and evaluating evidence to support claims about the social world.
- ✓ Demonstrate an understanding of the concept and the consequences of social construction as they relate to major social stratification categories like class, race, and gender.

### Required Courses for Major

<b>SOCIOLOGY (A.A.-T)</b>	<b>19 TOTAL UNITS</b>
<b>Required Core Courses</b> . . . . .	<b>10 Units</b>
<b>SOCIL1</b> Introduction To Sociology . . . . .	3 Units
<b>SOCIL2</b> Social Problems . . . . .	3 Units
<b>STAT1</b> Introduction To Statistical Methods . . . . .	4 Units
<b>Major Electives (choose three)</b> . . . . .	<b>9 Units</b>
<b>PSYCH22</b> Social Psychology . . . . .	3 Units
<b>SOCIL5</b> Sociology of Race and Ethnicity . . . . .	3 Units
<b>SOCIL6</b> Sociology of Sex and Gender . . . . .	3 Units
<b>SOCIL8</b> Social Science Research Methods . . . . .	3 Units
<b>SOCIL10</b> Sociology of Marriage and Family . . . . .	3 Units

# SOCIOLOGY COURSES

## **SOCIL1** Introduction To Sociology 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Area B**

**Transferable to both UC and CSU**

*C-ID: SOCI 110*

*CSU GE-Breadth: D*

*IGETC: 4*

*UC-TCA: UC-B*

This course provides a broad introduction to the basic principles and concepts of sociology including theories and methods, culture, socialization, organizations, institutions, stratification, collective behavior and social change.

## **SOCIL2** Social Problems 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Area B**

**Transferable to both UC and CSU**

*C-ID: SOCI 115*

*CSU GE-Breadth: D*

*IGETC: 4*

*UC-TCA: UC-B*

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.

## **SOCIL5** Sociology of Race and Ethnicity 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Area B, Multicultural Graduation Requirement**

**Transferable to both UC and CSU**

*C-ID: SOCI 150*

*CSU GE-Breadth: D*

*IGETC: 4*

*UC-TCA: UC-B*

Examines the social construction of categories of race and ethnicity in society. Focuses 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.

## **SOCIL6** Sociology of Sex and Gender 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Area B**

**Transferable to both UC and CSU**

*C-ID: SOCI 140*

*CSU GE-Breadth: D*

*IGETC: 4*

*UC-TCA: UC-B*

Sociological analysis of the construction, reproduction, and consequences of sex categories and gender roles. Emphasis on how designation of “male” or “female” impacts an individual’s life, including identity, family roles, sexuality, inequality in the workplace and public policy, popular cultural representations, and violence.

**SOCIL8** Social Science Research Methods 3.0 units

**Letter Grade Only — 54 lecture hours**

**Requisites:**

*Satisfactory completion of SOCIL1 Recommended completion of STAT1 and additional social science major courses prior to enrollment*

**Advisories:**

*Computer Literacy—Recommended basic computer skills*

*Language—Recommended eligibility for ENGL1A*

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**Counts toward WCC Graduation Area D2**

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**Transferable to both UC and CSU**

*C-ID: SOCI 120*

*CSU GE-Breadth: D*

*IGETC: 4*

*UC-TCA: UC-B*

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. Student will conduct and present original research projects.

**SOCIL10** Sociology of Marriage and Family 3.0 units

**Letter Grade Only — 54 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

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**Counts toward WCC Graduation Area B**

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**Transferable to both UC and CSU**

*C-ID: SOCI 130*

*CSU GE-Breadth: D*

*IGETC: 4*

*UC-TCA: UC-B*

Sociological analysis of marriage and family, including history, cross-cultural comparison, gender roles, sexuality, parenthood, and contemporary debates about family values, form, and function.

# SPANISH

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## DEGREES OFFERED

»Spanish (A.A.-T)

## SPANISH (A.A.-T)

### AA-T: Associate in Arts for Transfer

The Associate in Arts in Spanish for Transfer degree (AA-T) will help students develop proficiency in the following five skills: comprehension, speaking, reading, writing, and understanding of the people and culture of the Spanish-speaking countries. It is designed to provide a seamless transfer pathway for students interested in pursuing a Spanish degree in the California State University (CSU) system. Upon successful completion of the degree requirements, students will be guaranteed admission to the CSU system with junior status and will not have to repeat lower division coursework. Students are encouraged to meet with a counselor to develop their educational plans because degree options and general education requirements vary for each university.

In terms of career opportunities the Associate in Arts in Spanish for Transfer degree will help to prepare for employment in the following: bilingual education, health, airlines, travel, tourism, banking, foreign language teaching, teacher's aide, bilingual telecommunications, emergency services, international business, foreign service, foreign imports and exports, intelligence and military service, IRS and State Franchise Tax Board, overseas employment, business and commerce, law enforcement, Social Security officer, social services, translating and interpreting.

To obtain an Associate Degree for Transfer (ADT) students must meet the following additional requirements:

- fulfill CSU GE-Breath or IGETC requirements
- complete 60 units of CSU-transferable coursework
- maintain a minimum overall GPA of 2.0
- complete all courses in the major with a grade of C or better (or a "P" if taken as P/NP)

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Demonstrate proficiency in the five skills as mandated by the competency guidelines of the American
- ✓ Council on the Teaching of Foreign Languages (ACTFL): comprehension, speaking, reading, writing, and understanding the people and culture of Spanish, Latin-American, and Chicano communities.
- ✓ Analyze aspects of the Spanish-speaking culture that differ significantly from contemporary United States culture.
- ✓ Analyze and discuss major historical events and periods in the history of Spanish-speaking countries.

### Required Courses for Major

SPANISH (A.A.-T)	19 TOTAL UNITS
Required Language Courses*	16 Units
SPAN1 Elementary Spanish I	4 Units
SPAN2 Elementary Spanish II	4 Units
SPAN20A Spanish for Spanish Speakers I	4 Units
SPAN20B Spanish for Spanish Speakers II	4 Units
Spanish/Latina/o Culture Elective (choose one)	3 Units
ETHN5 Introduction to Chicana/o Culture	3 Units
ETHN15 Mexican-American History	3 Units

\*Students who test out of lower level Spanish classes can replace those units with as many of the following courses as needed: ETHN1, ETHN5 (if not already selected for major), ETHN11, ETHN15 (if not already selected for major), ETHN30, SPECH8



## SPANISH COURSES

### **SPAN1** Elementary Spanish I 4.0 units

**Letter Grade or Pass/No Pass — 72 lecture hours**

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Area C**

**Transferable to both UC and CSU**

*C-ID: SPAN 100*

*CSU GE-Breadth: C2*

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. The course is equivalent to one year of high school Spanish.

### **SPAN2** Elementary Spanish II 4.0 units

**Letter Grade or Pass/No Pass — 72 lecture hours**

**Requisites:**

*Satisfactory completion of SPAN1*

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Area C**

**Transferable to both UC and CSU**

*C-ID: SPAN 110*

*CSU GE-Breadth: C2*

*IGETC: 6A*

A continuation of Spanish I. Provides further basic communication skills through listening, speaking, reading, and writing. This course introduces the preterite, the conditional, the future, and the subjunctive verb cases. It includes practice at the intermediate level and review of the fundamentals of Spanish Grammar.

### **SPAN20A** Spanish for Spanish Speakers I 4.0 units

**Letter Grade or Pass/No Pass — 72 lecture hours**

**Requisites:**

*Fluency in Spanish*

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Area C, Multicultural Graduation Requirement**

**Transferable to both UC and CSU**

*CSU GE-Breadth: C2*

*IGETC: 3B, 6A*

*UC-TCA: UC-H*

Reading and writing Spanish, targeted to Spanish speakers. Readings pertinent to the life and culture of Hispanics in the United States, compositions, exploring personal, political and cultural issues, exams, advanced grammar. Instruction in Spanish.

### **SPAN20B** Spanish for Spanish Speakers II 4.0 units

**Letter Grade or Pass/No Pass — 72 lecture hours**

**Requisites:**

*Satisfactory completion of SPAN20A*

**Advisories:**

*Language—Recommended eligibility for ENGL1A*

**Counts toward WCC Graduation Area C, Multicultural Graduation Requirement**

**Transferable to both UC and CSU**

*CSU GE-Breadth: C2*

*IGETC: 3B, 6A*

*UC-TCA: UC-H*

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.

## SPEECH

[See "Communication" on page 131](#)

# STATISTICS

## DIVISION CONTACT

Dr. Shannon Reed  
Dean of Arts & Sciences  
Office: (530) 661-5719  
Counseling: (530) 661-5703

## NO AWARD OFFERED

No Award Offered

## STATISTICS COURSES

### STAT1 Introduction To Statistical Methods 4.0 units

**Letter Grade Only — 63 lecture hours, 27 lab hours**

#### Requisites:

Satisfactory completion of MATH52 or by placement

**Counts toward WCC Graduation Area D2**

**Transferable to both UC and CSU**

C-ID: MATH 110

CSU GE-Breadth: B4

IGETC: 2A

UC-TCA: UC-M

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.

### STAT100 Algebra Support for Introduction to Statistical Methods 1.0 unit

**Pass/No Pass Only — 9 lecture hours, 27 lab hours**

#### Requisites:

Concurrent enrollment in or satisfactory completion of STAT1

**Not Transferable**

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 Woodland Community College. Topics include concepts from elementary and intermediate algebra needed to understand the basics of college-level statistics. Concepts are taught in the context of statistical analysis.

## SUSTAINABLE AGRICULTURE

[See "Sustainable Agriculture" on page 103](#)

# THEATRE ARTS

## DIVISION CONTACT

Dr. Shannon Reed

Dean of Arts & Sciences

Office: (530) 661-5719

Counseling: (530) 661-5703

## NO AWARD OFFERED

No Award Offered

## THEATRE ARTS COURSES

### THART1 Theatre Appreciation 3.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours**

**Advisories:**

Language—Recommended eligibility for ENGL1A

**Counts toward WCC Graduation Area C**

**Transferable to CSU only**

This survey course will foster a student's appreciation of theatre and the performing arts. The course examines the duties and responsibilities of the various creative artists such as director, actor, designers, and playwrights and the process of creating live performance.

### THART11A Introduction To Acting 3.0 units

**Letter Grade Only — 54 lecture hours**

**Transferable to both UC and CSU**

The basics of acting for the stage will be explored and developed; including voice, diction, movement, improvisational technique, characterization, and scene study. Several monologues and scenes will be developed and presented in class.

### THART33 History of Film 3.0 units

**Letter Grade Only — 54 lecture hours**

**Counts toward WCC Graduation Area C**

**Transferable to both UC and CSU**

CSU GE-Breadth: C1

IGETC: 3A, 3B

UC-TCA: UC-H

Chronological survey of the motion picture; traces the development of the art, technology, and social importance of film during the last 110 years; screenings of significant and representative, documentary, and experimental films from the silent to the modern era. Note: Students in this course may be shown portions of films rated R.

### THART34 Introduction To Film 3.0 units

**Letter Grade Only — 54 lecture hours**

**Counts toward WCC Graduation Area C**

**Transferable to both UC and CSU**

CSU GE-Breadth: C1

IGETC: 3A

UC-TCA: UC-H

Study of film as art and its influence on society, including interpretation, criticism, and technical developments; students view and discuss full-length feature films. Note: Students in this course may be shown portions of films rated R.

# WELDING

## DIVISION CONTACT

Dr. Sandra Fowler

Dean of CTE & Workforce Development

Office: (530) 661-5729

Counseling: (530) 661-5703

## CERTIFICATES OFFERED

» Welding Technologies (Certificate)

» Welding Technologies - Advanced (Certificate)

## WELDING TECHNOLOGIES (CERTIFICATE)

### Certificate of Achievement

The Welding Technologies Certificate of Achievement is intended to provide student completers with the safety instructions, skills and abilities to obtain entry level positions in the many fields that require welding as part of their duties. Student completers will know how to weld in all positions (flat, horizontal, vertical and overhead), in Arc, MIG and TIG.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Demonstrate appropriate workplace safety policies and procedures during welding and fabrication operations
- ✓ Demonstrate minimum competency in major welding processes used in industry.

### Required Courses for Major

WELDING TECHNOLOGIES (CERTIFICATE) 9 TOTAL UNITS

**WELD51** Introduction to Shielded Metal Arc Welding (SMAW) .2 Units

**WELD52** Introduction to Welding and Oxy-Acetylene Welding .3 Units

**WELD54** Introduction to Gas Metal Arc Welding (GMAW) & Gas Tungsten Arc Welding (GTAW) . . . . .4 Units

## WELDING TECHNOLOGIES - ADVANCED (CERTIFICATE)

### Certificate of Achievement

The Welding Technologies - Advanced Certificate of Achievement is intended to provide student completers with the safety, skills and abilities to obtain the American Welding Society Structural Steel certification (D1.1). Student completers will be able to obtain certified level positions in the many fields that require a certification. Also students will gain design, fabrication and structural steel skills. Student can certify in Arc, MIG, TIG, and dual shield MIG welding.

### Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- ✓ Assess welding problems and defects and provide a solution.
- ✓ Demonstrate critical thinking skills through structural design and fabrication
- ✓ Attempt to pass the AWS D1.1 certification

### Required Courses for Major

ADVANCED WELDING TECHNOLOGIES (CERTIFICATE) 20 TOTAL UNITS

**WELD51** Introduction to Shielded Metal Arc Welding (SMAW) .2 Units

**WELD52** Introduction to Welding and Oxy-Acetylene Welding .3 Units

**WELD53** Advanced Arc Welding. . . . .3 Units

**WELD54** Introduction to Gas Metal Arc Welding (GMAW) & Gas Tungsten Arc Welding (GTAW) . . . . .4 Units

**WELD55** Structure Design and Fabrication . . . . .4 Units

**WELD56** Introduction to Flux Cored Arc Welding (FCAW) & Structural Steel. . . . .4 Units

# WELDING COURSES

## **WELD51** Introduction to Shielded Metal Arc Welding (SMAW) 2.0 units

**Letter Grade or Pass/No Pass — 18 lecture hours, 54 lab hours**

### **Not Transferable**

**C-ID: WELD 101 X**

An introduction to the principles of shielded metal arc welding (SMAW), setup/use of SMAW equipment, and safe use of tools and equipment. Provides instruction in welding carbon steel weld joints in various positions.

## **WELD52** Introduction to Welding and Oxy-Acetylene Welding 3.0 units

**Letter Grade or Pass/No Pass — 36 lecture hours, 54 lab hours**

### **Not Transferable**

Overview of GMAW (gas metal arc welding), GTAW (gas tungsten arc welding), SMAW (shielded metal arc welding), and OFW (oxy-fuel welding) processes. Also the OFC (oxy-fuel cutting) and Plasma Arc cutting technologies are included. Gas welding processes: background, safety, applications and methods of operation; welding, burning, brazing and soldering. Activities include learning to weld in flat, horizontal, vertical, and overhead positions.

## **WELD53** Advanced Arc Welding 3.0 units

**Letter Grade or Pass/No Pass — 36 lecture hours, 54 lab hours**

### **Requisites:**

Satisfactory completion of WELD51 or related industry experience - see Credit for Prior learning process in catalog

### **Not Transferable**

An advanced course designed to prepare students to pass structural steel certification (AWS D1.1) in vertical and overhead positions using SMAW (shielded metal arc welding) processes. 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. This course also includes fundamentals of blueprint reading and symbols.

## **WELD54** Introduction to Gas Metal Arc Welding (GMAW) & Gas Tungsten Arc Welding (GTAW) 4.0 units

**Letter Grade or Pass/No Pass — 36 lecture hours, 108 lab hours**

### **Not Transferable**

**C-ID: WELD 102 X, WELD 104 X**

An introduction to the principles of gas metal arc welding (GMAW) and gas tungsten arc welding (GTAW), setup/use of GMAW & GTAW equipment, and safe use of tools and equipment. Provides instruction in welding carbon steel, stainless steel, and aluminum weld joints in various positions.

## **WELD55** Structure Design and Fabrication 4.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours, 54 lab hours**

### **Requisites:**

Satisfactory completion of WELD51 or related industry experience - see Credit for Prior learning process in catalog

### **Not Transferable**

Structural weld design and fabrication of weldments. Topics include operation of mechanized iron worker, arc weld of stainless, aluminum and cast iron. Fundamentals of blueprint reading, welding symbols, and layout techniques.

## **WELD56** Introduction to Flux Cored Arc Welding (FCAW) & Structural Steel 4.0 units

**Letter Grade or Pass/No Pass — 54 lecture hours, 54 lab hours**

### **Requisites:**

Satisfactory completion of WELD51 or related industry experience - see Credit for Prior learning process in catalog

### **Not Transferable**

**C-ID: WELD 103 X**

An introduction to the principles of flux cored arc welding (FCAW), setup/use of FCAW equipment, and safe use of tools and equipment. Provides instruction in welding carbon steel weld joints in various positions. Emphasizes developing structural steel skills using innershield, dual shield and flux cored arc welding practices. Course includes ferrous metal identification and welding characteristics, troubleshooting equipment and welds completed in various positions.

**WELD57** Agriculture Welding

2.0 units

***Letter Grade Only — 18 lecture hours, 54 lab hours******Not Transferable***

Emphasizes the development of minimum skill standards in

Agriculture equipment repair welding. Gain knowledge in matching the repair to the type of weld best suited for the repair. The SMAW (shielded metal arc welding), the OFW (oxy-fuel welding) and the OFC (oxy-fuel cutting) processes are covered. GMAW, GTAW, FCAW, Plasma Arc cutting and technologies in Agricultural welding are covered.



# WORK EXPERIENCE

## DIVISION CONTACT

*Dr. Lisceth Brazil-Cruz*  
*Vice President of Student Services*

**Office:** (530) 661-4202

**Counseling:** (530) 661-5703

## NO AWARD OFFERED

No Award Offered

## WORK EXPERIENCE COURSES

### CWEE44 General Work Experience 1.0–3.0 units

**Pass/No Pass Only — 60–225 lab hours**

**Requisites:**

*Must have a paid or volunteer position*

**Limitations on enrollment:**

*Not open for credit to students with credit in Students enrolled in CWEE44 are not eligible for other Cooperative Work Experience/Internship classes during the same semester*

**Transferable to CSU only**

Coordination of on-the-job learning with college experience to develop desirable work habits, attitudes and career awareness through supervised “paid” or “volunteer” employment. For paid employment, students must complete 75 hours for each enrolled unit; for volunteer employment, students must complete 60 hours for each enrolled unit. General work experience students may earn a maximum of 3 units each semester for a total of 6 semester units during the students’ enrollment. A maximum of sixteen (16) semester units may be earned in CWEE 44 and CWEE 45 within Yuba Community College District. Students enrolled in CWEE 44 are not eligible for other Cooperative Work Experience/Internship classes during the same semester.

### CWEE45 Occupational Work Experience 1.0–4.0 units

**Pass/No Pass Only — 60–300 lab hours**

**Requisites:**

*Must have a paid or volunteer position*

**Limitations on enrollment:**

*Not open for credit to students with credit in Students enrolled in CWEE45 are not eligible for other Cooperative Work Experience/Internship classes during the same semester*

**Transferable to CSU only**

Coordination of on-the-job learning with college experience to develop desirable work habits, attitudes and career awareness related to the students’ educational or occupational goals. For paid employment, students must complete 75 hours for each enrolled unit; for volunteer employment, students must complete 60 hours for each enrolled unit. Occupational work experience students may earn a maximum of 4 units each semester for a total of 16 semester units of combined CWEE 44 and CWEE 45 during the students’ enrollment in Yuba Community College District. Students enrolled in CWEE 45 are not eligible for other Cooperative Work Experience/Internship classes during the same semester.



# ACADEMIC FACULTY & ADMINISTRATORS

## Colusa County Campus

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### **JOANNA RAMIREZ**

#### *Counselor*

AA, Sacramento City College; BA, California State University, Sacramento; MA, Saint Mary's College of California

Experience: Sacramento City College, Cosumnes River College and Laney College.

## Lake County Campus

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### **ROBERT CABREROS**

#### *Food Service Management/Culinary Arts*

AS, Yuba College; Culinary Diploma, Western Culinary Institute.

Experience: Sutter Lakeside Hospital, Yuba College, Robinson Rancheria Casino & Bingo, Konocti Harbor Resort & Spa.

### **CIRILO CORTEZ**

#### *Dean, Lake County Campus*

BA, Sonoma State University; MA, PhD, University of California, Davis

Experience: University of California, Davis, California State University, Chico

### **LAURA DALY**

#### *Early Childhood Education*

BA, Pacific Union College; MA, Sonoma State University; EdD, Mills College.

Experience: Yuba College; Pacific Union College; Mills College; Feed My Lambs Prod; Viacom Cable & TCI; Terra Linda Nursery School; San Anselmo Daycaring Preschool

### **PATRICIA BARBA**

#### *Director of Special Programs*

AA, Yuba College; BA California State University Sacramento; MA University of Phoenix

Experience: Woodland Joint Unified School District, Colusa County Office of Education, Williams Unified School District

### **JENNIFER L. HANSON**

#### *Business/Economics*

AA, Santa Rosa Junior College; BA, University of California, Santa Barbara; MA, University of California, Davis

### **GINA JONES**

#### *English*

BA, MA, California State University, Chico

Experience: Butte College, California State University, Chico, Yuba College

### **INGRID LARSEN**

#### *Counselor*

BS, California State University, Chico; MA, Sonoma State University

Experience: Lake County Office of Education; Lakeport Unified School District; Mendocino Junior College

### **ANNETTE LEE**

#### *Business*

BA, Sonoma State University; MBA, University of Nevada; CBO Certification, University of California, Riverside.

Experience: Lake County Campus, Konocti Dance Academy, Lake County Office of Education, FedEx Freight, Sun Microsystems, Inc., Spin Media Network, Inc., Ernst & Young LLP, Advanced Micro Devices

**ANDREW MILLER*****Biology***

BS, California State University, Sacramento; MS, Utah State University

Experience: Utah State University, Arizona State University, Brigham Young University, Bryan University, Woodland Community College

**MICHAEL PAPIN*****Mathematics***

BA, MA, San Diego State University.

Experience: Mendocino College, Redwood Academy Charter School, Ukiah; Achimota Secondary School; University of California, San Diego; San Diego State University

**JOEL PYZER*****Mathematics***

BA, California State University, Humboldt; MS, California State University, Chico

Experience: Kelseyville High School, Middletown High School, Yuba Community College District, and Mendocino College YCCD since 2017

**TARA WILLIAMS*****Counselor***

BA, California State University, Chico; MA, Sonoma State University

Experience: Kelseyville High School, Idaho Digital Learning, EF High School Exchange Year, Twin Falls School District, College of Southern Idaho, Lahore American School, Anderson Valley Unified School District, Migrant Education-MEAP Sonoma State University

## Woodland Campus

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**JESSICA AGGREY*****AEBG ESL Resource Faculty***

BA, MA, California State University, Chico

Experience: Yuba College; JEI Learning Center; ESL Resource Center; American Language and Culture Institute, Centro de Education Continua Escuela Politecnica Nacional; Butte College

**ELIZABETH ALLEN*****Instructional Designer***

B.S. Bowling Green State University, M.A. Rutgers University-Camden M.S. Drexel University

Experience: Rutgers University-Camden, Rowan University

**BRANDI ASMUS*****Agriculture***

AS, Modesto Junior College; BS, MS, University of California, Davis

Experience: Sierra College, California State University, Chico; University of California, Davis

**LISCETH BRAZIL-CRUZ*****Vice President, Student Services***

AA, Santa Rosa Junior College; BA, University of California, Davis; MA San Jose State University; PhD University of California, Davis.

Experience: UC Davis, Woodland Community College

**JULIE A. BROWN*****Chemistry; Mathematics***

BS, Santa Clara University; MS, University of California, Davis

Experience: University of California, Davis; Los Medanos College; Skyline College; American River College; Diablo Valley College

**NOEL K. BRUENING*****English***

BA, University of California, Davis; MA, California State University, Sacramento

Experience: California State University, Sacramento

**ALISON BUCKLEY*****Psychology***

BA, University of California, Davis; MA, California State University, Sacramento

Experience: Woodland Community College; Yuba College; University of Phoenix; Gracesource; Catholic Social Services; El Hogar Community Mental Health; Families First

**MATTHEW M. CLARK*****Mathematics/Statistics***

BS, MS, PhD, University of California, Davis

Experience: University of California, Davis; McLaren Environmental Engineering, California State University, Sacramento; Los Rios Community College District

**LORELL COOKE***Counselor*

BS, University of California, Davis; MS, California State University, Sacramento

Experience: Woodland Community College; American River College; University of California, Davis

**LESLIE J. DENIZ***Administration of Justice*

BA, California State University, Chico; MA, University of Phoenix; Law Enforcement

Experience: Yuba City Police Department; California State University, Chico Police Department; Butte College; Yuba College; Yuba City High School

**LEWIS FELVER***Mathematics*

BS, California State University, Chico; MS, California State University, East Bay

Experience: Yuba College; Los Rios Community College District; Sierra College; California State University, East Bay; Lenser Idiomias, Bilbao, Spain

**CAREN M. FERNANDEZ***Director of TRiO Programs*

BA, BS, MA, California State University, Chico

Experience: California State University, Chico

**KEVIN W. FERNS***English*

BA (English), University of California, Davis; BA (Spanish), University of California, Davis; MA California State University, Sacramento; Woodland Community College

Experience: University of California, Davis; Sacramento City College; Heald College

**SANDRA FOWLER**

Dean of CTE and Workforce Development BS, California State University, San Luis Obispo; MBA, Capella University

Experience: Yuba College; Woodland Community College; Cambridge Junior College

**GREGORY GASSMAN***History*

BA, University of California, Davis; MA, California State University, Sacramento; National University, Sacramento

Experience: Woodland Community College; Sacramento City College; Covell Gardens; American River College; Harvest Valley School

**KASEY GARDNER***Vice President, Instruction*

AA, Moorpark College; BA, Western Kentucky University; MBA, Saint Mary's College of California

Experience: Sacramento City College, Los Medanos College, University of San Francisco, Sierra College, San Joaquin Delta College, University of the Pacific

**BRIAN GILLESPIE***Biology*

BS, MA, Humboldt State University

Experience: Sacramento City College; American River College; Woodland Community College; Sierra Community College District; Humboldt State University; Folsom High School; Casa Roble High School; California Middle School

**NELIDA GONZALEZ-DIAZ Counselor***TRiO/SSS*

BA, California State University, Chico; MA, California State University, Sacramento

Experience: Folsom Lake College; Yuba College

**CHRISTOPHER J. HOWERTON***Speech/Communication Studies*

BA, University of Memphis; MA; California State University, Chico; EdS, Walden University

Experience: California State University, Chico; Butte Community College

**HODA JAHANSHALOO***Mathematics/Statistics*

Sharif University of Technology; MS, PhD, Azad University

Experience: Sacramento City College, Sierra College, California State University, Sacramento, Islamic Azad University

**RAJDEEP JOHAL*****CalWORKS Counselor***

BA, MS, California State University, Sacramento

Experience: Butte College; Woodland Community College

**NILI KIRSCHNER*****Sociology***

BA, University of California, Santa Cruz; MA, University of California, Berkeley

Experience: University of California, Berkeley; University of San Francisco; California State University, East Bay; Diablo Valley College

**SHAWN LANIER*****Mathematics***

AS, College of the Siskiyous; BS, Southern Oregon University; MA, University of California, Davis

Experience: University of California, Davis; Pioneer High School; Woodland Community College

**LANEY MANGNEY*****EOPS Counselor***

AA, Kings River Community College; BA, California Polytechnic State University; MS, California State University, Hayward

Experience: California State University, Hayward; Sierra College; Woodland Community College

**DENA MARTIN*****Librarian***

AS, Sacramento City College; BA, California State University, Sacramento; MLIS, California State University, San Jose

Experience: Contra Costa County Library; Sacramento City College; Glenwood Elementary School

**JENNIFER MCCABE*****Earth Science/Physical Science***

BS, University of California, Davis; MS, University of California, Davis

Experience: D-Q University; Cosumnes River College; California State University, Sacramento; University of California, Davis; Outdoor Adventures; Palo Alto Jr. Museum and Zoo

**ARIANE METZ*****English***

BA, University of California, Davis; MA, Washington State University

Experience: Woodland Community College; University of California, Davis

**MELISSA M. MORENO*****Ethnic Studies***

BA, University of California, Santa Cruz; MA, PhD, University of Utah

Experience: California State University, Monterey Bay; University of San Francisco; University of California, Davis

**JEANNINE MULLIN*****Early Childhood Education***

BA, MS, University of California, Davis

Experience: University of California, Davis; Cosumnes River College; Solano Community College

**DEANNA PIERRO*****Student Success Resource Faculty & MESA Director***

BA, California State University, Fresno; MA, California State University, Chico; EdD, University of California, Davis

Experience: California State University of Fresno, Fresno City Community College, Fort Hays University, California State University of Chico

**ART PIMENTEL*****President***

BA, MA, California State University, Sacramento; EdD, University of California, Davis

Experience: Woodland Community College, Sacramento City College-West Sacramento Campus, Los Rios Community College District

**SHANNON REED*****Dean of Arts & Sciences***

BA, Earlham College; MA, California State University, Sacramento, Ph.D., University of Alabama

Experience: Regis University, Cornell College



**MANUEL RIOS****Art**

BA, MA, California State University; MFA, University of California, Davis

Experience: Sacramento City College, Sierra College, California State University, Sacramento, University of California, Davis

**ARACELY RUIZ****Counselor**

BA, California State University, Sacramento; MA, Chapman University

Experience: Southwestern Community College; Irvine College; Sierra College; Sacramento City College

**JUANA RUIZ****Counselor**

BA, MS, California State University, Sacramento

Experience: Pierce Joint Unified School District; California State University Sacramento Foundation; Rio Vista High School

**TODD SASANO****DSPS Coordinator/ Learning Disability Specialist**

BA, University of California, Davis; MA, California State University, San Francisco

Experience: Jefferson Union High School District; Travis Unified School District; San Juan Unified School District; American River College

**JAYA SHAH****Biology: Human Anatomy and Physiology**

Undergraduate in Pharmacology and Pharmacy, TU, IOM; MD TU, IOM, Kathmandu

Experience: Woodland Community College; Institute of Medicine, Kathmandu; Nursing College, Kathmandu, Institute for Medical Education, Kathmandu

**ABRAR SHAUKAT****Physics**

BS, MS, PhD, University of California, Davis; MA, Columbia University

Experience: Yuba College, UC Davis, AIG, RMR, Columbia University

**ESTELITA SPEARS****Counselor**

AA, Sacramento City College; BA, California State University, Sacramento; MS, California State University, Sacramento

Experience: Rio Americano High School; Mark Hopkins Elementary; Cosumnes River College; Sacramento City College; University of Phoenix; Yolo County Department of Social Services; Yuba College

**CANDICE STAFFORD-BANKS****Agriculture**

BS, MS, University of California, Riverside; PhD University of California, Davis

Experience: University of California, Davis, Hartnell College, Los Medanos College, Cosumnes River College, American River College, Sierra College, Sacramento City College

**CATHERINE STRODE****English**

BA, Occidental College; MA, California State University, San Francisco; other graduate work: University of Rochester

Experience: Cabrillo College; Honolulu Community College

**JOSE A. VALLEJO****Counselor**

BSW, MSW, California State University, Sacramento

Experience: Woodland High School; Yuba College

**ARIANA VELASCO****Director of Matriculation and EOPS/CARE**

BS, Santa Clara University; MA, California State University, Sacramento

Experience: Woodland Community College

# CAMPUS POLICE OFFICERS

Paul Corbin	Police Officer
James Markus	Police Officer

## CLASSIFIED MANAGEMENT

Carid Servin	Executive Assistant to the President
Gema Diaz	Executive Assistant to the Vice President
Vacant	Assistant TRIO Director
Kimberly Reed	Director, Financial Aid
Michael Sinn	Assistant Director, Maintenance & Operations
Ariana Velasco	Director of Matriculation & EOPS/CARE
Dr. Lorena Navarro	Director of MESA

## CLASSIFIED STAFF

### Colusa County Campus

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Aletse Garcia	Student Services Assistant
Paula Parish	Campus Operations Specialist
Daniel Ruiz	Custodial Maintenance

### Lake County Campus

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Ian Anderson	Instructional Assistant
Cheryl Blake	CDC Site Supervisor
Kimberly Boles-Cravea	Student Success Specialist
Natasha Cornett	Clerical Assistant-EOPS
Joseph Dingess	Custodian/Maintenance
Michael Thurin	Library/Media Specialist
April Jensen	Child Development Assistant
Allen Oland	Clerical Assistant
Stan Patterson	Custodian/Maintenance
Heidi Schmitz	CDC-Teaching Assistant
Mary Wilson	Adult Education, Student Engagement & Outreach
Stanley Silsby	Financial Aid Technician
Danielle Stennet	Student Services Technician
John Viray	Instructional Network Specialist
Tracy Williams	Administrative Secretary

## Woodland Campus

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Folu Afolabi	Sr. Student Services Technician
Marisa Bautista	Science Lab Technician, Biology
Marrisa Boswell	Administrative Secretary
Tyahnnah Botello	Student Services Technician
Paul Contini	Lead Grounds Maintenance Worker
Francine Corry	CDC, Instructional Specialist
Scott Cosca	Agriculture-Instructional Assistant
James Day	Building Maintenance
Uriel Delgado	Educational Talent Search Specialist
Marisa Diaz-Jimenez	Administrative Secretary
Isabel Duenas	Interim Director of Retention and Student Life
Juan Gomez	Career Resource Technician
April Heras	Administrative Secretary
Traci Johnson	Library Media Specialist
April Killough	Clerical Assistant
Lynne Krause	Administrative Secretary
Joseph Manzanares	Custodian
Laurie Manzanares	Lead Custodian
Christopher Mejia	Sr. Computer & Network Specialist
Alberto Miranda	Outreach & Engagement Specialist
Jesus Moreno	CDC-Site Supervisor
Elisa Muratalla	Student Services Technician
Richard Nutting	CDC-Clerical Assistant
Edwin Ortega-Beltran	EOPS Specialist
Joan Penning	College Instructional Support Specialist
Kerry Pope	Sr. Student Services Technician
Melanie Pressley	CDC-Instructional Assistant
Conor Rowell	Financial Aid Technician
Rebecca Strickland	Financial Aid Fiscal Technician
Raymond Sandoval	Grounds Maintenance
Maricarmen Suarez	DSPS Specialist
Maria Vidrio	Child Care Development Assistant

# EMERITI FACULTY

## Retired Faculty

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**PEGGY J. ALEXANDER**

*Language Arts, Lake County*

Retired 2018

**JUDY BEAN**

*Sociology and History, Woodland*

Retired 2008

**PAMELA BORDISSO**

*Counselor, EOPS/Financial Aid, Lake County*

Retired 2018

**THOMAS DUNCAN**

*Math, Counseling and Psychology, Woodland,*

Retired 2008

**GEORGE GALAMBA**

*Language Arts and ES L, Woodland*

Retired 2013

**RAYMOND GUTIERREZ, Jr.**

*Counseling and Psychology, Woodland*

Retired 1993

**RITA A. HOOTS**

*Biology and Chemistry, Woodland*

Retired 2005

**CYNTHIA KELLOGG**

*English, Woodland*

Retired 2011

**EDITH L. KLENHARD**

*Vocational Nursing, Woodland*

Retired 1992

**JAMES G. LAWSON**

*English, Woodland,*

Retired -2000

**PAUL A. LEATHERS**

*Agriculture, Woodland*

Retired 2002

**HARRY LYONS**

*Biology and Chemistry, Lake County*

Retired: 2017

**MICKIE MAIN**

*Business, Office Administration*

Retired: 2019

**DONNA A. MCGILL-CAMERON**

*Business, Health and Physical Education, Woodland*

Retired 2017

**D.LEE MITCHELL III**

*Anthropology, Earth Science and Ecology, Woodland*

Retired 2006

**HEIDI MORGAN**

*Counseling and Psychology, Lake County*

Retired 2018

**SHARON NG-HALE**

*Human Services and Psychology, Woodland*

Retired 2012

**RALPH ROBINSON**

*Biology, Woodland*

Retired 2021

**FRANK J. RODGERS**

*Business, Woodland*

Retired 2002

**R.TERRY TURNER**

*Arts and Humanities, Woodland*

Retired 2011

**CHOR H. YU**

*Computer Science and Mathematics, Woodland*

Retired 1991

**Michael Papin**

*Math Department, Lake County Campus, Professor*

Retired 2022







**WOODLAND COMMUNITY COLLEGE**

2300 East Gibson Road  
Woodland, CA 95776

(530) 661-5700

(530) 661-5786 TTY

[wcc.yccd.edu/woodland](http://wcc.yccd.edu/woodland)



**LAKE COUNTY CAMPUS**

15880 Dam Road Extension  
Clearlake, CA 95422

(707) 995-7900

[wcc.yccd.edu/lake](http://wcc.yccd.edu/lake)



**COLUSA COUNTY CAMPUS**

99 Ella Street  
Williams, CA 95987

(530) 668-2500

[wcc.yccd.edu/colusa](http://wcc.yccd.edu/colusa)



YUBA COMMUNITY  
COLLEGE DISTRICT

**YUBA COMMUNITY COLLEGE DISTRICT**

425 Plumas Blvd., Suite 200, Yuba City, CA 95991

[yccd.edu](http://yccd.edu)