Woodland Community College

2025-2026

CATALOG ADDENDUM

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Your College, *Your Future*

Tu Colegio, Tu Futuro

A FEDERALLY DESIGNATED HISPANIC SERVING INSTITUTION

Your College, Your Future

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YUBA COMMUNITY
COLLEGE DISTRICT

YUBA COMMUNITY COLLEGE DISTRICT
3301 E. Onstott Road, Yuba City, CA 95991 — yccd.edu

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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 ≥ 2.6	1105	ENGL c1000
HSGPA ≥ 1.9 but < 2.6	1104	ENGL c1000 with English 10 (Recommended)
HSGPA < 1.9	1103	ENGL c1000 with English 10 (Required)

MATH (FOR BSTEM PROGRAMS)

Criteria	Grade	Test Placement	YCCD Course Placement
HSGPA ≥ 3.5 AND Pre-Calculus	B- or above	2109	Math 1 A
HSGPA ≥ 3.0 AND Calculus	C- or above		
HSGPA ≥ 3.2 AND Algebra 2 or Integrated 3	B- or above	2108	Math 9, 20, 21
HSGPA ≥ 3.0 AND Pre-Calculus	C- or above		
All Other Students	N/A	2105	Math 52, 58

MATH (FOR LIBERAL ARTS PROGRAMS)

Criteria	Test Placement	YCCD Course Placement
HSGPA ≥ 3.0	2113	STAT c1000
HSGPA ≥ 2.3 AND Pre-Calculus		
HSGPA ≥ 2.3 but < 3.0	2112	STAT c1000 with Stat 100 (Recommended)
HSGPA < 2.3	2111	STAT c1000 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 wcc.yccd.edu/esolplacement to get started.

Advisory Placement Levels For Courses Requiring College-Level Skills

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 C1000, C1001, or 1B; 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.

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/ and within Administrative Procedure 4235.

Overview of Assessment Methods

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

- 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

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 Cal-GETC 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.

See "Credit awarded for Advanced Placement (AP) Scores" on page 12

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 Cal-GETC 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 9

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 requirements for Associate Degree General Education (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
BUSINESS	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	GNUBS 10
	Principles of Finance	3	ACCT 1
HUMANITIES	Intro to World Religions	3	PHIL 20
	Ethics in America	3	PHIL 2
	Principles of Public Speaking	3	COMM C1000
MATH	Fund. College Algebra	3	MATH 52
	Principles of Statistics	3	STAT c1000
PHYSICAL SCIENCE	Astronomy	3	ASTRO 1L
	Environmental Science	3	ENVHR 15
SOCIAL SCIENCES	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
COMPOSITION AND LITERATURE	College Composition	50	6	ENGL C1000 + 2 units elective
	College Composition Modular	50	4	ENGL 51
	American Literature	50	3	ENGL 30A
	Analyzing and Interpreting Literature	50	3	ENGL 1B
	English Literature	50	3	ENGL 46A
	Humanities	50	6	HUMAN 10, 11
BUSINESS	Financial Accounting	50	4	ACCT 1
	Information Systems	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
SCIENCE AND MATHEMATICS	Biology	50	3	BIOL 10L
	Chemistry	50	3	CHEM 10
	Natural Sciences	50	6	WCC GE Area 5
	College Algebra	50	4	MATH 20
	College Mathematics	50	6	MATH 52 or MATH 58
	Precalculus	50	4	MATH 20 + MATH 21
	Trigonometry	50	3	MATH 21
HISTORY AND SOCIAL SCIENCES	Humanities	50	6	HUMAN 10, 11
	American Government	50	3	POLS C1000
	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
	Introductory Psychology	50	3	PSYC C1000
	Introductory Sociology	50	3	SOCIL 1
	Principles of Macroeconomics	50	3	ECON 1A
	Principles of Microeconomics	50	3	ECON 1B
	Social Sciences 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
WORLD LANGUAGES	Spanish Language: Levels 1 and 2	50	4	SPAN 1
	Spanish with Writing: Levels 1 and 2	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 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**
Biology	HL	5	Area 5—Natural Sciences (3 Units)	6 units
Chemistry	HL	5	Area 5—Natural Sciences (3 Units)	6 units
Economics	HL	5	Area 4—Social Science (3 Units)	6 units
History (any region)	HL	5	Area 3—Arts & Humanities or Area 4 Social Sciences (3 Units)	6 units
Language A: Literature (any language)	HL	5[1]	Area 3—Arts & Humanities (3 Units)	6 units
Language A1 (any language) *Prior to F13*	HL	5[1]		
Language A: Language and Literature (any language)	HL	5[1]	Area 3—Arts & Humanities (3 Units)	6 units
Language A (any language) *Prior to F13*	HL	5[1]		
Language A (any language except English)	HL[2]	5[1]	Area 3—Arts & Humanities (3 Units)	6 units
Language B (any language except English)	HL[2]	5[1]	Area 3—Arts & Humanities (3 Units)	6 units
Mathematics	HL	5[1]	Requirement 1—Critical Thinking (3 Units) and fulfills WCC Math Competency Requirement	6 units
Physics	HL	5	Area 5—Natural Science (3 Units)	6 units
Psychology	HL	5	Area 4—Social Science (3 Units)	6 units
Theater	HL	5[1]	Area 3—Arts & Humanities (3 Units)	6 units

[1] For CSU, an IB score of 4 or higher may meet this requirement.

[2] 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	

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 3	3
Biology	BIOL 10L	Area 5	4
Calculus AB	MATH 1A	Area 2	4
Calculus BC	MATH 1A + 1B	Area 2	8
Chemistry	CHEM 2A	Area 5	5
Chinese Language & Culture	3 GE units in Area 3	Area 3	3
Comparative Government & Politics	3 GE units in Area 4	Area 4	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 C1000	Area 1A	4
English Literature & Composition	ENGL C1000 + 3 GE units in Area 3	Area 1A + 3	7
Environmental Science	ENVHR 15	Area 5	4
European History	HIST 4A + 4B	Area 4 or 3	6
French Language & Culture	3 GE units in Area 3	Area 3	8
German Language & Culture	3 GE units in Area 3	Area 3	8
Human Geography	GEOG 2	Area 2	3
Italian Language & Culture	3 GE units in Area 3	Area 3	8
Japanese Language & Culture	3 GE units in Area 3	Area 3	8
Latin	3 GE units in Area 3	Area 3	8
Macroeconomics	ECON 1A	Area 4	3
Microeconomics	ECON 1B	Area 4	3
Music Theory	MUSIC 10	Area 3	3
Physics 1	PHYS 1A	Area 5	4
Physics 2	PHYS 1B	Area 5	4
Physics C mechanics	PHYS 4A	Area 5	4
Physics C electricity/magnetism	PHYS 4B	Area 5	4
Psychology	PSYC C1000	Area 4	3
Spanish Language and Culture	SPAN 1 and 2	Area 3	8
Spanish Literature and Culture	SPAN 20A + 20B	Area 3	8
Statistics	STAT C1000	Area 2	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	POLS C1000	Area 4	3
U.S. History	HIST 17A + 17B	Area 4	6
World History	HIST 5A + 5B	Area 4	6

DEGREE COURSE REQUIREMENTS

Updated as of February 10, 2026

SEE A COUNSELOR FOR THE LATEST INFORMATION
WCC.YCCD.EDU/COUNSELING

Local General Education Requirements

THE ASSOCIATE IN ARTS OR ASSOCIATE IN SCIENCE DEGREE MAY BE AWARDED TO A STUDENT WHO HAS COMPLETED THE FOLLOWING REQUIREMENTS:

- ✓ **Complete a minimum of 60 semester units of degree-applicable credit coursework** (course numbered 1-99) 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.
- ✓ **Complete the required courses in a designated degree major (18 or more units)** with a grade of "C" or better. Majors are listed under "Certificates & Degrees" on page 20.
- ✓ **Complete a minimum of 12 semester units with at least a 2.0 ("C") grade point average in associate degree level classes** in residence at Woodland Community College. The Board may excuse the residence requirement to alleviate an injustice or undue hardship.
- ✓ **Complete with a grade of "D" or better a minimum of 21 units of general education** according to the following requirements:

AREA 1—ENGLISH COMPOSITION, ORAL COMMUNICATION, AND CRITICAL THINKING

Select 1 course from each area

Area 1A — English Composition
(Select 1 course)

English C1000
English for Speakers of Other Languages (ESOL) 1A

Area 1B — Oral Communication and Critical Thinking
(Select 1 course)

Communication Studies C1000
English 1B, C1001
Speech 3, 6, 7, 8

AREA 2—MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING

Select 1 course

General Business 56
Mathematics 1A, 1B, 1C, 2, 3, 7, 9, 11, 15, 20, 21, 52, 58
Statistics C1000

AREA 3—ARTS AND HUMANITIES

Select 1 course

Administration of Justice 1
Art 1A, 1B, 1C, 5, 11
Early Childhood Education 39
English 30A, 30B, 31, 40, 41, 42, 46A, 46B
Ethnic Studies 2, 5, 6, 15, 17, 20, 30
Humanities 10, 11
Music 3, 10, 12, 15, 16
Philosophy 1, 2, 20
Sign Language 1, 2, 3
Spanish 1, 2, 20A, 20B
Theatre Arts 1, 11A, 33, 34

AREA 4—SOCIAL AND BEHAVIORAL SCIENCES

Select 1 course

Agriculture 5
Administration of Justice 10
Anthropology 2, 3
Early Childhood Education 3, 31, 42
Economics 1A, 1B
Ethnic Studies 1, 2, 6, 11, 15, 17, 20, 21
Geography 2
History 4A, 4B, 5A, 5B, 17A, 17B
Political Science C1000, 2, 7, 4
Psychology C1000, 12, 22, 31, 33, 41, 46
Sociology 1, 2, 5, 6, 10
Speech 6, 7, 8

AREA 5—NATURAL SCIENCES

Select 1 course

Agriculture 45, 45L
Anthropology 1
Astronomy 1L
Biology 1, 7, 10L, 12, 15, 24, 25
Chemistry 1A, 1B, 2A, 10, 14
Ecology 10, 10L
Environmental Horticulture 10, 15
Geography 1
Geology 8, 8L, 10L, 11L, 12, 20
Nutrition 10
Physics 1A, 1B, 4A
Plant Science 20L, 22L, 25, 33, 34

AREA 6—ETHNIC STUDIES

Select 1 course

Ethnic Studies 1, 2, 5, 6, 11, 15, 17, 20, 21, 30

HEALTH GRADUATION REQUIREMENT*

Minimum 1 semester unit

Administration of Justice 40
Ethnic Studies 21
Health 1, 13
Nutrition 10
Physical Education 1.27, 10MR, 10WR, 11MR, 11WR

*Students who submit documentation of active military service are exempt from this requirement.

Notes

1. Although a course may be approved to satisfy more than one GE area, you can only apply it toward one area. However, a course can satisfy both a GE requirement and a major requirement or an additional graduation requirement.
2. A student may seek to receive credit by completing the requirements for Credit by Examination. See "Credit for Prior Learning" on page 16.
3. Students must file a graduate petition by the posted deadline during the term they wish to graduate. See "Petition to Graduate for Associate Degree Programs" on page 20.

CAL-GETC REQUIREMENTS

Finishing the Cal-GETC (California General Education Transfer Curriculum) requirements will allow you to transfer to a CSU or UC campus without needing to take additional lower-division general education courses after transfer.

AREA 1—ENGLISH COMMUNICATION — 9 UNITS

Select 3 courses, one from each area

1A—English Composition *(Select 1 course)*

ENGL C1000
ESOL 1A

1B—Critical Thinking and Composition *(Select 1 course)*

ENGL 1B, C1001

1C—Oral Communication *(Select 1 course)*

COMM C1000

AREA 2—MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING — 3 UNITS

Select 1 course

MATH 1A, 1B, 1C, 2, 3, 9, 20
STAT C1000

To meet Cal-GETC requirements, you must:

- ✓ Complete all required lower-division general education courses listed on the Cal-GETC pattern
- ✓ Earn a minimum grade of "C" (2.0 on a 4.0 scale) in each course
- ✓ Ensure all courses are approved for Cal-GETC at the time they are taken
- ✓ Have your Cal-GETC coursework certified by a WCC Counselor

AREA 3—ARTS AND HUMANITIES — 6 UNITS

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, 40, 41, 42, 46A, 46B
ETHN 5, 6, 15, 17, 30
HIST 4A, 4B, 5A, 5B, 17A, 17B
HUMAN 10, 11
MUSIC 15
PHIL 1, 2, 20
SPAN 20A, 20B
THART 33

AREA 4—SOCIAL AND BEHAVIORAL SCIENCES — 6 UNITS

Select 2 courses from two disciplines

AJ 1, 19
ANTHR 2, 3
ECE 3, 31
ECON 1A, 1B
ETHN 1, 2, 5, 6, 11, 15, 17, 20, 21
GEOG 2
HIST 5A, 5B
POLS 2, 4, C1000
PSYC C1000
PSYCH 7, 12, 15, 22, 31, 33, 41, 46
SOCIL 1, 2, 5, 6, 8, 10
SPECH 8

For help planning your Cal-GETC path and choosing the right courses, contact a Woodland Community College counselor at (530) 661-5703

WCC.YCCD.EDU/COUNSELING

AREA 5—PHYSICAL AND BIOLOGICAL SCIENCES 7 UNITS

Select 2 courses: one Physical Science and one Biological Science; at least one of the courses must include a Laboratory

5A—Physical Science *(Select 1)*

ASTRO 1L
CHEM 1A, 1B, 2A, 2B, 10, 18A, 18B
GEOG 1
GEOL 8, 10L, 11L, 12, 20
PHYS 1A, 1B, 4A, 4B, 4C
PLSCI 22L

5B—Biological Science *(Select 1)*

ANTHR 1
BIOL 1, 4, 5, 6, 7, 10L, 15, 24, 25
ECOL 10
ENVHR 10, 15
PLSCI 20L

5C—Laboratory *(Select 1)*

ANTHR 1L
ASTRO 1L
BIOL 1, 4, 5, 6, 7, 10L, 15
CHEM 1A, 1B, 2A, 2B, 18A, 18B
GEOL 8L, 10L, 11L
PHYS 1A, 1B, 4A, 4B, 4C
PLSCI 20L, 22L

AREA 6—ETHNIC STUDIES 3 UNITS

Select 1 course

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

OPTIONAL UC GRADUATION REQUIREMENT ONLY

LANGUAGE OTHER THAN ENGLISH

Proficiency equivalent to 2 years of high school study in the same language.

Select 1 of the following options:

- ✓ Completion of two years of high school study in the same language with a grade of "C-" or better in each course.
- ✓ Satisfactory score on the AP or IB examinations in languages other than English. (See Page 12)
- ✓ Verification from a regionally accredited college or university faculty member asserting the student has mastered a language other than English equivalent to 2 years of high school level language.
- ✓ Satisfactory completion of a course (or courses) at a college or university with a grade of "C" or better:

SIGN 2, 3
SPAN 2, 20A, 20B

See a counselor for other options to fulfill this requirement.

OPTIONAL CSU REQUIREMENT ONLY

U.S. HISTORY, CONSTITUTION, AND AMERICAN IDEALS

Select 1 course from each group below

US1—Historical Development of American Institutions and Ideals *(Select 1)*

ETHN 15
HIST 17A, 17B

US-1 may be completed with a score of 3 or higher in AP US History exam

US2—U.S. Constitution and Government *(Select 1)*

POLS C1000

US-2 (but not US-3) may be completed with a satisfactory score of 3 or higher in AP US Government and Politics exam

US3—California State and Local Government *(Select 1)*

POLS C1000

COURSE INFORMATION

Course Numbering and Transfer of Credits

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

C1000+ Series: Courses numbered C1000 and above are transferable to four-year institutions, meeting general education, major, and/or elective credit requirements. C1000+ Series: Courses numbered C1000 and above are transferable to four-year institutions, meeting general education, major, and/or elective credit requirements.

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, courses are taught at a level considered appropriate and acceptable at colleges or universities offering comparable coursework.

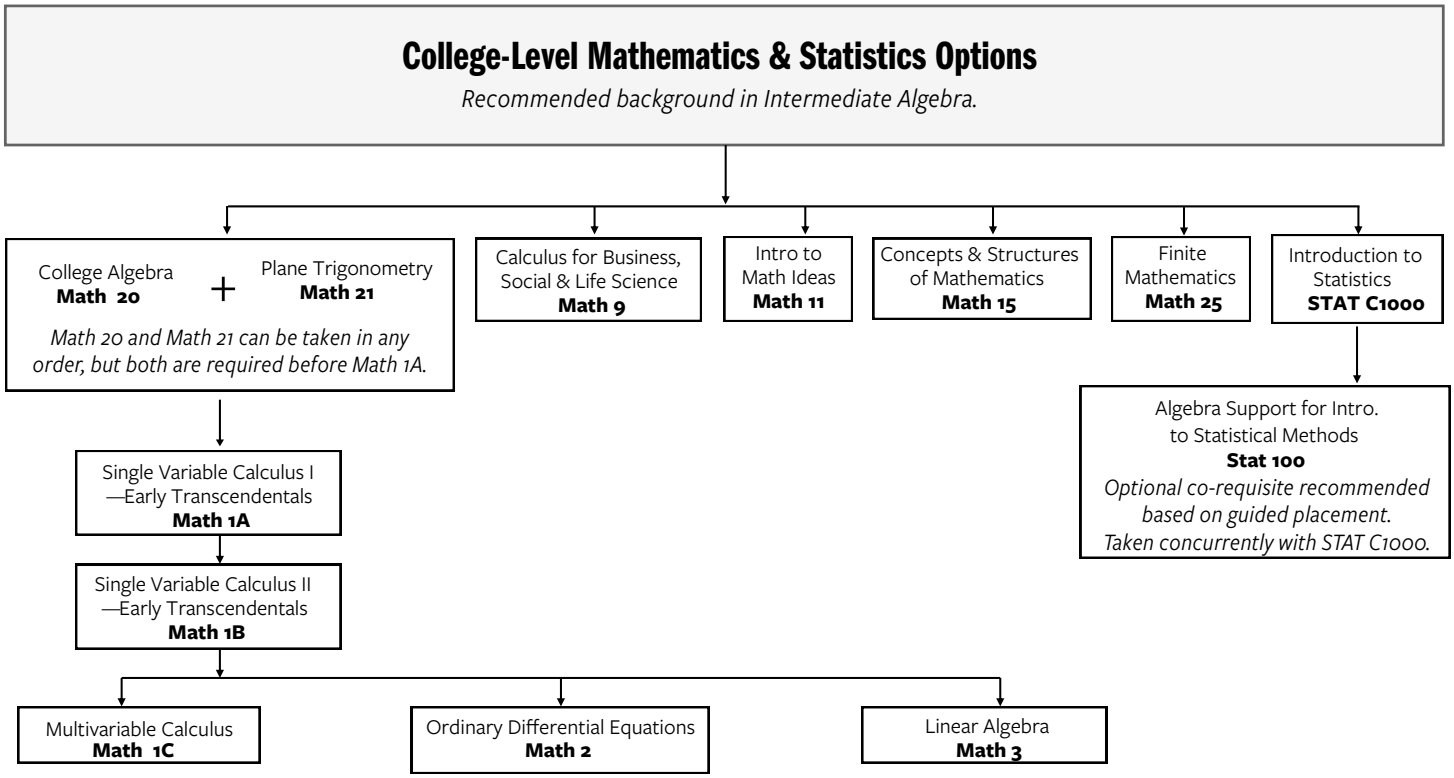
97-99: Experimental/independent study.

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."

Mathematics & Statistics Course Sequencing



Online Math Resources

Algebra

- www.algebrahelp.com
- www.purplemath.com
- www.myalgebra.com/algebra_solver.aspx

Trigonometry

- www.khanacademy.org/math/trigonometry/basic-trigonometry

Calculus

- www.calculus-help.com
- www.sosmath.com/calculus/calculus.html

Other Math Resources

- www.mathtv.com
- www.interactmath.com

REVISED ACADEMIC PROGRAMS & COURSES

Agriculture (AG) 22
Biology (BIOL) 24
Business (GNBUS) 25
Chemistry (CHEM) 27
Communication Studies (COMM) 28
Culinary Arts (CUL) 29
Early Childhood Education (ECE) 32
Economics (ECON) 33
English (ENGL) 34
English for Speakers of Other Languages (ESOL) . . 35
Environmental Technology (ENVTC) 37
Geology (GEOL) 38
History (HIST) 39
Interdisciplinary Studies (INTER) 40
Physics (PHYS) 43
Political Science (POLS) 44
Sociology (SOCIL) 45
Welding (WELD) 46

CERTIFICATES & DEGREES

DEPARTMENT	PROGRAMS	AA	AS	TRANSFER	CERT
ACCOUNTING	Accounting		AS		COA
ADMINISTRATION OF JUSTICE	Administration of Justice			AS-T	
	Criminal Justice Studies		AS		
AGRICULTURE	Agriculture Science		AS		
	Agriculture Animal Science			AS-T	
	Agriculture Business			AS-T	COA
	Agriculture Plant Science			AS-T	
	Agriculture Mechanics				COA
	Environmental Horticulture		AS		COA
	Plant Protection				COA
	Sustainable Agriculture				COA
ANTHROPOLOGY	Anthropology			AA-T	
BIOLOGY	Biology			AS-T	
BUSINESS	Business Administration 2.0			AS-T	
	Business Information Worker–Administrative Assistant				COA
	Business Information Worker–Clerical				COA
	Business Management		AS		COA
	Entrepreneurship				COA
	Medical Office Specialist				COA
BUSINESS COMPUTER APPLICATIONS	Business Computer Applications Basics				COC
CHEMISTRY	Chemistry			AS-T	
COMMUNICATION STUDIES	Communication Studies 2.0			AA-T	
CULINARY ARTS	Culinary Arts	AA			COA
	Baking				COA
EARLY CHILDHOOD EDUCATION	Child Development Associate Teacher				COA
	Child Development Teacher				COA
	Child Development Master Teacher				COA
	Early Childhood Education		AS	AS-T	
ECONOMICS	Economics			AA-T	
EMERGENCY MEDICAL TECHNICIAN (EMT)	Emergency Medical Technician				COA
ENGLISH	English			AA-T	
ENGLISH FOR SPEAKERS OF OTHER LANGUAGES	Academic Preparedness & Career Development				COC[2]
	Foundational English Skills				COC[2]
	Intermediate English Skills				COC[2]
ENVIRONMENTAL TECHNOLOGY	Drinking Water and Wastewater Technology		AS		COA

DEPARTMENT	PROGRAMS	AA	AS	TRANSFER	CERT
ETHNIC STUDIES	Chicana/o Studies	AA			
GEOLOGY	Earth Science		AS		
	Geology			AS-T	
HISTORY	History			AA-T	
HUMAN SERVICES	Chemical Dependency Counselor		AS		COA
	Human Services		AS		
	Social Work and Human Services			AA-T	
INTERDISCIPLINARY STUDIES	Arts and Humanities	AA			
	Child and Adolescent Development			AA-T	
	Cal-GETC				COA
	Law, Public Policy, and Society			AA-T	
	Natural Sciences		AS		
	Pre-Health Occupations		AS		
	Social and Behavioral Sciences	AA			
	Social Justice Studies			AA-T	
MATHEMATICS	Mathematics			AS-T	
NUTRITION	Nutrition and Dietetics			AS-T	
POLITICAL SCIENCE	Political Science			AA-T	
PSYCHOLOGY	Psychology			AA-T	
SOCIOLOGY	Sociology			AA-T	
SPANISH	Spanish			AA-T	
WELDING	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
- COC²—Certificate of Competency
- COT—Certificate of Training

AGRICULTURE (AG)

DEAN
Dean of Career Education
Office: *(530) 661-5700*
Counseling: *(530) 661-5703*

DEGREES OFFERED
- »Agriculture Science (A.S.)
- »Environmental Horticulture (A.S.)
- »Agriculture Business (A.S.-T)
- »Agriculture Animal Science (A.S.-T)
- »Agriculture Plant Science (A.S.-T)

CERTIFICATES OFFERED
- »Agriculture Mechanics (Certificate)
- »Agriculture Business (Certificate)
- »Sustainable Agriculture (Certificate)
- »Environmental Horticulture (Certificate)
- »Plant Protection (Certificate)

AGRICULTURE RESEARCH TECHNICIAN (CERTIFICATE)

Deactivated effective Fall 2025

AGRICULTURE SCIENCE (A.S.)

AS: Associate in Science

Agriculture is a broad multidisciplinary field of study that spans production and processing of food and fiber, including animal production and crop production, and soil cultivation. Agriculture scientists study foundations of science, chemistry, math, and applied production practices that translate to real-world applications of growing food.

The Agriculture Science A.S. degree is designed to prepare students to transfer to the UC (University of California) system in programs such as Animal Science, Animal Biology, Animal Science & Management, Agriculture and Environmental Education, Agricultural & Environmental Technology, International Agricultural Development, and Plant Biology. Students should meet with a counselor to discuss any additional requirements for their major of interest.

Student Learning Outcomes

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

- ✓ *Identify and apply the basic principles of science to the field of agriculture.*
- ✓ *Demonstrate scientific evaluation skills including interpreting graphs and data from scientific papers.*

Required Courses for Major

AGRICULTURE SCIENCE (A.S.) — **31–32 UNITS†**

Required Courses . . . . . 28 Units
- **BIOL1** Principles of Biology . . . . . 5 Units
- **BIOL7** Introduction to Biodiversity, Ecology, and Evolution . . . 5 Units
- **CHEM1A** General Chemistry I . . . . . 5 Units
- **CHEM1B** General Chemistry II . . . . . 5 Units
- **MATH1A** Single Variable Calculus I – Early Transcendentals . . . 4 Units
- **MATH1B** Single Variable Calculus II – Early Transcendentals. . . 4 Units

Agriculture Electives (select 1 course) . . . . . 3–4 Units
- **AG45** Principles of Animal Science . . . . . 3 Units
- **AG45L** Principles of Animal Science . . . . . 4 Units
- **PLSCI20L** Principles of Plant Science . . . . . 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.

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 application of pesticides in a safe manner, include selecting proper PPE, mixing, calibration and application.*
- ✓ *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.*

Required Courses for Major

PLANT PROTECTION (CERTIFICATE) — 45 UNITS

Physical & Biological Sciences (choose 12 units)

BIOL1 Principles of Biology ..... 5 Units
BIOL7 Introduction to Biodiversity, Ecology, and Evolution ... 5 Units
BIOL10L General Biology ..... 4 Units
BIOL15 Bioscience ..... 4 Units
BIOL24 Human Biology ..... 3 Units
BIOL25 Human Genetics ..... 3 Units
CHEM2A Introductory Chemistry ..... 5 Units
CHEM2B Introductory Chemistry ..... 4 Units
CHEM10 Concepts of Chemistry ..... 3 Units
ECOL10 Environment-Concepts and Issues ..... 3 Units
ENVHR15 Introduction to Environmental Science ..... 3 Units

Crop Health (choose 9 units)

ENVHR10 General Entomology ..... 3 Units
ENVHR11 Landscape Irrigation ..... 3 Units
PLSCI12 California Water ..... 3 Units
PLSCI21 Fertilizers and Plant Nutrition ..... 3 Units
PLSCI22L Introduction To Soils ..... 4 Units
PLSCI34 Introduction to Plant Pathology ..... 3 Units

Pest Management Systems & Methods (choose 6 units)

ENVHR10 General Entomology ..... 3 Units
PLSCI30 Principles of Pest Management ..... 3 Units
PLSCI31 Introduction To Sustainable Agriculture ..... 3 Units
PLSCI32 Plant Protection Materials. ..... 3 Units
PLSCI33 Weed Science ..... 3 Units
PLSCI34 Introduction to Plant Pathology ..... 3 Units

Production Systems (choose 6 units)

AG40 Animal Health and Sanitation. ..... 3 Units
AG42 Sheep and Goat Science/Production ..... 3 Units
AG43 Beef Cattle Science ..... 3 Units
AG45 Principles of Animal Science ..... 3 Units
AG45L Principles of Animal Science ..... 4 Units
AG46 Animal Feeds and Nutrition ..... 3 Units
PLSCI11 Introduction To Sustainable Food Systems ..... 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
PLSCI25 Field and Vegetable Crops ..... 3 Units

Electives: (Choose 9 units)

Select 9 units of additional courses listed above from Crop Health, Pest Management Systems & Methods, or Production Systems.

Internship (3 units required)

AG32 Internship ..... 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)

BIOLOGY (BIOL)

DEAN
Dr. Shannon Reed
Dean of Arts and 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 Biology AS-T 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.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive priority admission with junior status to the California State University System and 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 should consult with a counselor for more information on specific university major admission and transfer requirements.

The following are 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
- Satisfactory completion (C or better OR Pass*) of courses used to satisfy major requirements AND courses used to complete the California General Education Transfer Curriculum (Cal-GETC) requirements

**Some majors may not accept a Pass in place of a letter grade. Consult with a counselor before choosing the P/NP grading option.*

Student Learning Outcomes

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

- ✓ *Analyze data/information in addressing and evaluating problems and issues in making decisions.*
- ✓ *Understand the purpose of scientific inquiry and the implications and applications of basic scientific principles.*
- ✓ *Using examples, apply evolutionary theory to an understanding of the unity and diversity of life.*
- ✓ *Using the Scientific Method, students will be able to correctly interpret experimental data and effectively communicate the findings and implications of that data in writing.*

Required Courses for Major

BIOLOGY (A.S.-T) — **32 UNITS**

Required Core . . . . . 20 Units
BIOL1 Principles of Biology . . . . . 5 Units
BIOL7 Intro to Biodiversity, Ecology, and Evolution . . . . . 5 Units
CHEM1A General Chemistry I . . . . . 5 Units
CHEM1B General Chemistry II . . . . . 5 Units

Math Requirement (Choose one course) . . . . . 4 Units
MATH1A Single Variable Calculus I — Early Transcendentals . . 4 Units
MATH9 Calculus for Business, Social and Life Sciences . . . . . 4 Units

Physics Requirement (choose one option) . . . . . 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

BUSINESS (GNBUS)

DEAN
Dean of Career Education
Office: *(530) 661-5700*
Counseling: *(530) 661-5703*

DEGREES OFFERED
»Business Management (A.S.)
»Business Administration 2.0 (A.S.-T)

CERTIFICATES OFFERED
»Business Computer Applications Basics (Noncredit Certificate)
»Entrepreneurship (Certificate)
»Business Information Worker - Clerical (Certificate)
»Medical Office Specialist (Certificate)
»Business Management (Certificate)
»Business Information Worker - Administrative Assistant (Certificate)

BUSINESS ADMINISTRATION 2.0 (A.S.-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 Business department offers the Associate in Science in Business Administration 2.0 for Transfer degree, which is designed to provide a clear pathway to a California State University for students transferring in Business Administration.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive priority admission with junior status to the California State University System and 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 should consult with a counselor for more information on specific university major admission and transfer requirements.

The following are 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
- Satisfactory completion (C or better OR Pass*) of courses used to satisfy major requirements AND courses used to complete the California General Education Transfer Curriculum (Cal-GETC) requirements

**Some majors may not accept a Pass in place of a letter grade. Consult with a counselor before choosing the P/NP grading option.*

Student Learning Outcomes

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

✓ *Understand business terms and concepts, and effectively communicate using the language of business.*

✓ *Understand information technologies as they influence the structure and process of organizations and economies, and as they influence the roles and techniques of management.*

✓ *Use specific problem-solving tools to make informed decisions when assessing alternative courses of action.*

✓ *Apply concepts and processes to analyze and evaluate various business situations/actions.*

Required Courses for Major

BUSINESS ADMINISTRATION 2.0 (A.S.-T) — 28 UNITS

ACCT1 Principles of Accounting-Financial . . . . . 4 Units
ECON1A Elementary Economics-Macro . . . . . 3 Units
ECON1B Elementary Economics-Micro . . . . . 3 Units
GNBUS10 Introduction To Business . . . . . 3 Units
GNBUS18 Business Law. . . . . 3 Units
STAT C1000 Introduction To Statistics . . . . . 4 Units

Calculus Option (Choose 1) . . . . . 4 Units
MATH9 Calculus for Business, Social and Life Sciences . . . . . 4 Units
MATH1A Single Variable Calculus I - Early Trans . . . . . 4 Units

CORRECTED COURSES

BCA64 Microsoft Word II — 1 unit

Letter Grade Only — 12 lecture hours, 18 lab hours

Prerequisites:

» *Satisfactory completion of BCA15*

Recommended Preparation (Advisories):

» *Basic computer skills*

Limitations on Enrollment:

» *Not open for credit to students with credit in BCA22 or BCA22A*

✖ ***Not Transferable***
C-ID: BSOT 121X

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.

CHEMISTRY (CHEM)

DEAN
Dr. Shannon Reed
Dean of Arts and Sciences
Office: *(530) 661-5719*
Counseling: *(530) 661-5703*

DEGREES OFFERED
» Chemistry (A.S.-T)

CORRECTED COURSES

CHEM14 Survey of Chemistry and Physics 4 units

Letter Grade Only — 54 lecture hours, 54 lab hours

Prerequisites:
» *Satisfactory completion of MATH101*

Limitations on Enrollment:
» *Not open for credit to students with credit in PHYSC10B or PHYSC10C*

Counts toward WCC Graduation Area 5

Transferable to CSU only
C-ID: CHEM 140

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.

COMMUNICATION STUDIES (COMM)

DEAN
Dr. Shannon Reed
Dean of Arts and Sciences
Office: *(530) 661-5719*
Counseling: *(530) 661-5703*

DEGREES OFFERED
»Communication Studies 2.0 (A.A.-T)

COMMUNICATION STUDIES 2.0 (A.A.-T)

AA-T: Associate in Arts for Transfer

The 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 offers curriculum that provides 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 2.0 degree for Transfer (AA-T) is designed specifically for students planning to transfer to the CSU system.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive priority admission with junior status to the California State University System and 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 should consult with a counselor for more information on specific university major admission and transfer requirements.

The following are 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
- Satisfactory completion (C or better OR Pass*) of courses used to satisfy major requirements AND courses used to complete the California General Education Transfer Curriculum (Cal-GETC) requirements

**Some majors may not accept a Pass in place of a letter grade. Consult with a counselor before choosing the P/NP grading option.*

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 2.0 (A.A.-T) **18 UNITS**

Required Core Courses ..... 15 Units
COMM C1000 Introduction to Public Speaking .....3 Units
SPECH3 Argumentation and Critical Thinking.....3 Units
SPECH6 Small Group Communication .....3 Units
SPECH7 Interpersonal Communication .....3 Units
SPECH8 Intercultural Communication .....3 Units

Electives (Choose One) ..... 3 Units
PSYC C1000 Introduction to Psychology .....3 Units
SOCIL1 Introduction To Sociology.....3 Units

CULINARY ARTS (CUL)

DEAN
Dean of Career Education
Office: *(530) 661-5700*
Counseling: *(530) 661-5703*

DEGREES OFFERED
»Culinary Arts (A.A.)

CERTIFICATES OFFERED
»Baking (Certificate)
»Culinary Arts (Certificate)

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:

- ✓ *Create two seasonal sustainable 5 course menus using seafood from the Monterey Bay Aquarium's seafood watch program, local seasonal produce and proteins.*
- ✓ *Demonstrate professionalism in appearance, teamwork and promptness.*
- ✓ *Demonstrate the ability to clean, organize and sanitize according to industry standards in food handling, and restaurant service.*
- ✓ *Successfully cost a culinary menu item and find its accurate selling cost.*
- ✓ *Understand and utilize the appropriate cooking methods and techniques according to industry standards.*
- ✓ *Use point-of-sale system to input on order at a culinary restaurant.*

Required Courses for Major

CULINARY ARTS (A.A.) — **30–31 UNITS†**

Required Courses . . . . . 25 Units
- **CUL6** Food and Beverage Service Management. . . . . .2 Units
- **CUL10** Principles of Professional Food Preparation . . . . . .3 Units
- **CUL11** Art of Professional Cooking . . . . . .4 Units
- **CUL20** Principles of Baking. . . . . .3 Units
- **CUL21** Advanced Baking & Pastry . . . . . .3 Units
- **CUL32** Culinary Internship . . . . . .1 Unit
- **CUL52** Menu and Recipe Management . . . . . 2.5 Units
- **CUL53** The Professional Chef . . . . . .4 Units
- **CUL54** ServSafe Manager . . . . . .0.5 Unit
- **CUL56** Catering & Event Management. . . . . .2 Units

Electives (Choose 2 courses) . . . . . 5–6 Units
- **CUL50** American Regional and Global Cuisines . . . . . .3 Units
- **CUL51** Garde Manger. . . . . .3 Units
- **CUL55** Culinary Nutrition . . . . . .2 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.

BAKING (CERTIFICATE)

Certificate of Achievement

This certificate will provide students with the skills and abilities necessary to obtain employment in the bakery, restaurant, and hospitality industry. Students that earn the certificate will be able 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 baking methods and techniques. The Baking & Pastry certificate prepares students with the skills to be the future Baking and Pastry Chefs, Bakery Managers, and Pastry Shop Business Owners in the foodservice industry. This program gives students the complete culinary skillset 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:

- ✓ *Successfully cost a standardized pastry recipe and find its accurate selling cost.*
- ✓ *Successfully create a bake shop/restaurant business plan.*
- ✓ *Demonstrate French pastry techniques.*
- ✓ *Demonstrate the ability to clean, organize and sanitize according to industry standards in food handling, and restaurant service.*
- ✓ *Understand and utilize the appropriate baking methods and techniques according to industry standards.*
- ✓ *Demonstrate professionalism in appearance, teamwork and promptness.*

Required Courses for Major

BAKING (CERTIFICATE) — 16.5–17.5 UNITS

Required Courses . . . . . 14.5 Units

- **CUL6** Food and Beverage Service Management. . . . . 2 Units
- **CUL10** Principles of Professional Food Preparation . . . . . 3 Units
- **CUL20** Principles of Baking. . . . . 3 Units
- **CUL21** Advanced Baking & Pastry . . . . . 3 Units
- **CUL32** Culinary Internship . . . . . 1 Unit
- **CUL54** ServSafe Manager . . . . . 0.5 Unit
- **CUL56** Catering & Event Management. . . . . 2 Units

Electives (Choose 1 course) . . . . . 2–3 Units

- **CUL51** Garde Manger. . . . . 3 Units
- **CUL55** Culinary Nutrition . . . . . 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:

- ✓ *Demonstrate the ability to clean, organize and sanitize according to industry standards in food handling, and restaurant service.*
- ✓ *Utilize the appropriate cooking methods and techniques according to industry standards.*
- ✓ *Demonstrate professionalism in appearance, teamwork and promptness.*
- ✓ *Use a point of sale system to input on order at a restaurant.*
- ✓ *Accurately cost a recipe.*

Required Courses for Major

CULINARY ARTS (CERTIFICATE) — 27–28 UNITS

Required Courses . . . . . 22 Units

- **CUL6** Food and Beverage Service Management. . . . . 2 Units
- **CUL10** Principles of Professional Food Preparation . . . . . 3 Units
- **CUL11** Art of Professional Cooking . . . . . 4 Units
- **CUL20** Principles of Baking. . . . . 3 Units
- **CUL32** Culinary Internship . . . . . 1 Unit
- **CUL52** Menu and Recipe Management . . . . . 2.5 Units
- **CUL53** The Professional Chef. . . . . 4 Units
- **CUL54** ServSafe Manager . . . . . 0.5 Unit
- **CUL56** Catering & Event Management. . . . . 2 Units

Electives (Choose 2 courses) . . . . . 5–6 Units

- **CUL50** American Regional and Global Cuisines . . . . . 3 Units
- **CUL51** Garde Manger. . . . . 3 Units
- **CUL55** Culinary Nutrition . . . . . 2 Units

CORRECTED COURSES

CUL21 Advanced Baking & Pastry — 3 units

Letter Grade or Pass/No Pass — 18 lecture hours, 108 lab hours

Prerequisites:

» *Satisfactory completion of CUL20 or CUL74*

Limitations on Enrollment:

» *Not open for credit to students with credit in CUL75*

Transferable to CSU only

Students will begin to master ingredients, tools, and techniques utilized in developing sweet and savory pastry and desserts, exploring French techniques and European desserts. This course emphasizes the chemical function of ingredients and scalability of items for commercial baking. Students will practice traditional and modern techniques of preparation and decoration, working with cakes and individually plated desserts and pastries. Students will create intricate and delicious desserts that they will present and evaluate.

EARLY CHILDHOOD EDUCATION (ECE)

DEAN
Dean of Career Education
Office: *(530) 661-5700*
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)

CORRECTED COURSES

ECE45 Practicum in Early Childhood Education 3 units

Letter Grade Only — 18 lecture hours, 108 lab hours, 108 supervised practicum hours

Prerequisites:
- *Satisfactory completion of ECE1A, ECE1B, ECE3 and ECE31*

Limitations on Enrollment:
- *Not open for credit to students with credit in ECE46, ECE46A, ECE46B, or ECE46C*

Transferable to CSU only
C-ID: ECE 210

Demonstration of developmentally appropriate early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals. 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. Reflective practice will be emphasized as student teachers design, implement, and evaluate approaches, strategies, and techniques that promote development and learning. Includes exploration of career pathways, professional development, and teacher responsibilities.

ECONOMICS (ECON)

DEAN
Dean of Career Education
Office: *(530) 661-5700*
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.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive priority admission with junior status to the California State University System and 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 should consult with a counselor for more information on specific university major admission and transfer requirements.

The following are 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
- Satisfactory completion (C or better OR Pass*) of courses used to satisfy major requirements AND courses used to complete the California General Education Transfer Curriculum (Cal-GETC) requirements

**Some majors may not accept a Pass in place of a letter grade. Consult with a counselor before choosing the P/NP grading option.*

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) **20–22 UNITS**

ECON1A Elementary Economics-Macro . . . . . 3 Units
ECON1B Elementary Economics-Micro . . . . . 3 Units
STAT C1000 Introduction To Statistics . . . . . 4 Units

Math Course (select one course) . . . . . 4 Units
MATH1A Single Variable Calculus I - Early Trans . . . . . 4 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
GNBUS18 Business Law. . . . . 3 Units
MATH1B Single Variable Calculus II -Early Trans . . . . . 4 Units
SOCIL1 Introduction To Sociology. . . . . 3 Units

ENGLISH (ENGL)

DEAN
Dr. Shannon Reed
Dean of Arts and 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 supports the annual publication of the student-run literary magazine, Ink, A Literary Arts Magazine.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive priority admission with junior status to the California State University System and 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 should consult with a counselor for more information on specific university major admission and transfer requirements.

The following are 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
- Satisfactory completion (C or better OR Pass*) of courses used to satisfy major requirements AND courses used to complete the California General Education Transfer Curriculum (Cal-GETC) requirements

**Some majors may not accept a Pass in place of a letter grade. Consult with a counselor before choosing the P/NP grading option.*

Student Learning Outcomes

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

- ✓ *Critically reflect upon and respectfully engage with diverse writers' perspectives.*
- ✓ *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 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
ENGL40 Introduction to World Literature I . . . . . .3 Units
ENGL41 Introduction to World Literature II. . . . . .3 Units
ENGL46A Introduction to British Literature I . . . . . .3 Units
ENGL46B Introduction to British Literature II . . . . . .3 Units

List B: select 3 courses. . . . . 9 Units
ENGL31 Introduction to Creative Writing. . . . . .3 Units
ENGL42 Introduction To Shakespeare. . . . . .3 Units
Or any course(s) not selected from List A

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL)

DEAN

Dr. Shannon Reed
Dean of Arts and 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 produce and comprehend advanced grammatical structures at a level sufficient to transition to ENGL C1000.*

✓ *Demonstrate grammar, listening, speaking, and reading skills needed to clearly communicate and understand information and ideas in personal, academic, and vocational settings.*

✓ *Write coherent expository and summary-responses essays at a level sufficient to transition to ENGL C1000 or career advancement.*

✓ *Demonstrate ability to write clearly in a variety of genres.*

Required Courses for Major

ACADEMIC PREPAREDNESS AND CAREER DEVELOPMENT (NONCREDIT CERTIFICATE) 0 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

UPDATED COURSES

ESOL70 Accelerated Academic English for Nonnative Speakers III — 6 units

Pass/No Pass Only — 108 lecture hours

Recommended Preparation (Advisories):

» *Completion of ESOL260 or ESOL560, 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 ENGL C1000.

ESOL570 Accelerated Academic English for Nonnative Speakers III — 0 units

Satisfactory Progress (Noncredit) — 96–108 lecture hours

Recommended Preparation (Advisories):

» *Completion of ESOL260 or 560, or by placement*

✖ ***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 ENGL C1000.

ENVIRONMENTAL TECHNOLOGY (ENVTC)

DEAN
Dean of Career Education
Office: *(530) 661-5700*
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 (A.S.)

AS: Associate in Science

This degree covers 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:

- ✓ *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.*
- ✓ *Explain the purpose and intent of the federal Safe Drinking Water Act and the Clean Water Act.*
- ✓ *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.*
- ✓ *Solve 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 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
COMM C1000 Introduction to Public Speaking . . . . . 3 Units
GNBUS11 Principles of Management . . . . . 3 Units
GNBUS56 Business Mathematics . . . . . 3 Units
PHIL2 Ethics . . . . . 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.

GEOLOGY (GEOL)

DEAN
Dr. Shannon Reed
Dean of Arts and Sciences
Office: *(530) 661-5719*
Counseling: *(530) 661-5703*

DEGREES OFFERED
»Earth Science (A.S.)
»Geology (A.S.-T)

EARTH SCIENCE (A.S.)

AS: Associate in Science

The AS Degree in Earth Science prepares students with the skills needed to succeed in entry-level technical positions in the geological profession, including such fields as a lab tech, conservation scientist (land use), environmental scientist (environmental assessment and mitigation, including air & water quality analysis), mining, hydrology and agronomy. Completion of this coursework will also help students complete the coursework needed to transfer to a 4 year and obtain a Bachelor's Degree in Earth Science or Geology which will provide additional professional opportunities. In all cases, 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 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

EARTH SCIENCE (A.S.) — 20–22 UNITS†

Required Core Courses ..... 8 Units

All of the following. ..... 4 Units

GEOL11L Historical Geology ..... 4 Units

Choose from the following options ..... 4 Units

OPTION 1 ..... 4 UNITS

GEOL8 Earth Science. ..... 3 Units
GEOL8L Earth Science Laboratory ..... 1 Unit

OPTION 2 ..... 4 UNITS

GEOL10L Physical Geology. ..... 4 Units

Select one of the following Chemistry courses ..... 5 Units

CHEM1A General Chemistry I .....5 Units
CHEM2A Introductory Chemistry .....5 Units

Select one of the following Math courses. ..... 4 Units

MATH9 Calculus for Business, Social and Life Sciences .....4 Units
MATH1A Single Variable Calculus I -- Early Transcendentals...4 Units

Electives-Select 1 course from the list provided below. ..... 3–5 Units

ASTRO1L Introduction To Astronomy With Lab .....4 Units
CHEM1B General Chemistry II .....5 Units
GEOG1 Physical Geography .....3 Units
GEOL12 Oceanography .....3 Units
GEOL20 Geology of California .....3 Units
MATH1B Single Variable Calculus II -Early Trans .....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.

HISTORY (HIST)

DEAN
Dr. Shannon Reed
Dean of Arts and Sciences
Office: *(530) 661-5719*
Counseling: *(530) 661-5703*

DEGREES OFFERED
»History (A.A.-T)

CORRECTED HISTORY COURSES

HIST4A Western Civilization — 3 units

Letter Grade Only — 54 lecture hours

Recommended Preparation (Advisories):
» *Eligibility for college-level composition course*

- ***Counts toward WCC Graduation Area 4***
- ***Transferable to both UC and CSU***
  Cal-GETC: 3B
  C-ID: HIST 170
  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.

INTERDISCIPLINARY STUDIES (INTER)

DEAN

Dr. Shannon Reed
Dean of Arts and Sciences
Office: *(530) 661-5719*
Counseling: *(530) 661-5703*

DEGREES OFFERED

»Social Justice Studies (A.A.-T)
»Child and Adolescent Development (A.A.-T)
»Law, Public Policy, and Society (A.A.-T)
»Arts and Humanities (A.A.)
»Social and Behavioral Sciences (A.A.)
»Natural Sciences (A.S.)
»Pre-Health Occupations (A.S.)

CERTIFICATES OFFERED

»Cal-GETC (Certificate)

CAL-GETC (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 California General Education Transfer Curriculum requirements for all CSU and UC campuses. Earning this Certificate of Achievement will not replace the Cal-GETC Certification document. The "Certification of Cal-GETC" is a separate process. Students must request Cal-GETC 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:

- ✓ *Demonstrate effective expository and persuasive writing skills across the curriculum.*
- ✓ *Develop and refine critical thinking skills necessary to evaluate and produce academic and argumentative writing.*
- ✓ *Communicate ideas of an informative and persuasive nature in the public speaking mode.*
- ✓ *Develop, present, use, and critique quantitative arguments.*
- ✓ *Analyze and appreciate works of philosophical, historical, literary, aesthetic and cultural importance.*
- ✓ *Demonstrate knowledge of the cultural and social organizations in which they exist as well as the behavior and social organizations of other human societies.*
- ✓ *Articulate basic scientific concepts of the physical and biological aspects of the world as well as an understanding of limitations and power of science as a human endeavor.*
- ✓ *Analyze and articulate concepts such as race and racism, racialization, ethnicity, equity, ethnocentrism, eurocentrism, white supremacy, self-determination, liberation, decolonization, sovereignty, imperialism, settler colonialism, and antiracism as analyzed in any one or more of the following: Native American Studies, African American Studies, Asian American Studies, and Chicana/o Studies.*

Required Courses for Major

CAL-GETC (CERTIFICATE) **34 UNITS**

Students must complete a minimum of 34 units used to satisfy Cal-GETC certification requirements. See the Cal-GETC pattern in the Woodland Community College (WCC) catalog or consult with a WCC counselor.

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, including 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 comprehension of key science principles relating to careers in Allied Health.*
- ✓ *Demonstrate skills in laboratory procedures and apply critical thinking skills in laboratory experiments.*
- ✓ *Demonstrate written and oral communication skills appropriate for careers in Allied Health.*
- ✓ *Describe the overall organization of the human body.*
- ✓ *Describe the roles that culture and diversity play in various aspects of human behavior.*
- ✓ *Explain the principles of nutrition and their effect on health.*

Required Courses for Major

PRE-HEALTH OCCUPATIONS (A.S.) — 24 UNITS†

Physical and Biological Science Courses . . . . . 15 Units

- **BIOL1** Principles of Biology . . . . . 5 Units
- **BIOL4** Human Anatomy . . . . . 4 Units
- **BIOL5** Human Physiology . . . . . 4 Units
- **BIOL6** Introductory Microbiology . . . . . 4 Units
- **BIOL15** Bioscience . . . . . 4 Units
- **CHEM1A** General Chemistry I . . . . . 5 Units
- **CHEM1B** General Chemistry II . . . . . 5 Units
- **CHEM2A** Introductory Chemistry . . . . . 5 Units
- **CHEM2B** Introductory Chemistry . . . . . 4 Units
- **PHYS1A** General Physics I . . . . . 4 Units
- **PHYS1B** General Physics II . . . . . 4 Units

Restricted Electives . . . . . 9 Units

- **ANTHR2** Cultural Anthropology . . . . . 3 Units
- **ECE3** Child Growth and Development . . . . . 3 Units
- **NUTR10** Principles of Nutrition . . . . . 3 Units
- **PSYC C1000** Introduction to Psychology . . . . . 3 Units
- **PSYCH41** Lifespan Development . . . . . 3 Units
- **SOCIL1** Introduction To Sociology . . . . . 3 Units
- **COMM C1000** Introduction to Public Speaking . . . . . 3 Units
- **SPECH3** Argumentation and Critical Thinking . . . . . 3 Units
- **SPECH6** Small Group Communication . . . . . 3 Units
- **SPECH7** Interpersonal Communication . . . . . 3 Units
- **STAT C1000** Introduction to Statistics . . . . . 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.

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.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive priority admission with junior status to the California State University System and 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 should consult with a counselor for more information on specific university major admission and transfer requirements.

The following are 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
- Satisfactory completion (C or better OR Pass*) of courses used to satisfy major requirements AND courses used to complete the California General Education Transfer Curriculum (Cal-GETC) requirements

**Some majors may not accept a Pass in place of a letter grade. Consult with a counselor before choosing the P/NP grading option.*

Student Learning Outcomes

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

✓ *Apply skills and knowledge acquired in the curriculum to analyze policy issues and make policy recommendations.*

✓ *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.*

Required Courses for Major

LAW, PUBLIC POLICY, AND SOCIETY (A.A.-T) — 32 UNITS

Required Courses . . . . . 26 Units

ENGLC1000 Academic Reading and Writing . . . . . 4 Units
ENGLC1001 Critical Thinking and Writing . . . . . 3 Units
PHIL2 Ethics . . . . . 3 Units
POLSC1000 American Government and Politics . . . . . 3 Units
STATC1000 Introduction To Statistics . . . . . 4 Units

COMMUNICATION COURSE (CHOOSE ONE) — 3 UNITS

COMMC1000 Introduction to Public Speaking . . . . . 3 Units
SPECH3 Argumentation and Critical Thinking . . . . . 3 Units
SPECH6 Small Group Communication . . . . . 3 Units

US HISTORY COURSE (CHOOSE ONE) — 3 UNITS

HIST17A United States History . . . . . 3 Units
HIST17B United States History II . . . . . 3 Units

CRIMINAL JUSTICE COURSE (CHOOSE ONE) — 3 UNITS

AJ10 Introduction to Criminal Justice System . . . . . 3 Units
AJ11 Criminal Law . . . . . 3 Units

Restricted Electives (choose two from different elective groups) . . . . . 6 Units

ADMINISTRATION OF JUSTICE ELECTIVE GROUP (CHOOSE NO MORE THAN ONE) — 3 UNITS

AJ10 Introduction to Criminal Justice System . . . . . 3 Units
AJ11 Criminal Law . . . . . 3 Units
AJ14 Criminal Justice Process . . . . . 3 Units
AJ19 Multicultural Communities and the Justice System . . . . . 3 Units

BUSINESS ELECTIVE GROUP — 3 UNITS

GNBUS18 Business Law . . . . . 3 Units

DIVERSITY ELECTIVE GROUP (CHOOSE NO MORE THAN ONE) — 3 UNITS

ANTHR2 Cultural Anthropology . . . . . 3 Units
GEOG2 Cultural Geography . . . . . 3 Units
SOCIL5 Sociology of Race and Ethnicity . . . . . 3 Units
SOCIL6 Sociology of Sex and Gender . . . . . 3 Units
SPECH8 Intercultural Communication . . . . . 3 Units

ECONOMICS ELECTIVE GROUP — 3 UNITS

ECON1A Elementary Economics-Macro . . . . . 3 Units

POLITICAL SCIENCE ELECTIVE GROUP (CHOOSE NO MORE THAN ONE) — 3 UNITS

POLS2 Comparative Government and Politics . . . . . 3 Units
POLS4 Introduction to Political Theory . . . . . 3 Units
POLS7 International Relations . . . . . 3 Units

SOCIOLOGY ELECTIVE GROUP — 3 UNITS

SOCIL2 Social Problems . . . . . 3 Units

PHYSICS (PHYS)

DEAN
Dr. Shannon Reed
Dean of Arts and Sciences
Office: *(530) 661-5719*
Counseling: *(530) 661-5703*

NO AWARD OFFERED

No Award Offered

CORRECTED COURSES

PHYS1A General Physics I — 4 units

Letter Grade Only — 54 lecture hours, 54 lab hours

Prerequisites:
» *Satisfactory completion of MATH21*

Limitations on Enrollment:
» *Not open for credit to students with credit in PHYS2A or PHYS3A*

- ***Counts toward WCC Graduation Area 5***
- ***Transferable to both UC and CSU***
  Cal-GETC: 5A, 5C
  C-ID: PHYS 105
  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 units

Letter Grade Only — 54 lecture hours, 54 lab hours

Prerequisites:
» *Satisfactory completion of PHYS1A or PHYS2A + PHSY3A*

Limitations on Enrollment:
» *Not open for credit to students with credit in PHYS2B or PHYS3B*

- ***Counts toward WCC Graduation Area 5***
- ***Transferable to both UC and CSU***
  Cal-GETC: 5A, 5C
  C-ID: PHYS 110
  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.

POLITICAL SCIENCE (POLS)

DEAN
Dr. Shannon Reed
Dean of Arts and 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 an understanding 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.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive priority admission with junior status to the California State University System and 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 should consult with a counselor for more information on specific university major admission and transfer requirements.

The following are 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
- Satisfactory completion (C or better OR Pass*) of courses used to satisfy major requirements AND courses used to complete the California General Education Transfer Curriculum (Cal-GETC) requirements

**Some majors may not accept a Pass in place of a letter grade. Consult with a counselor before choosing the P/NP grading option.*

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 UNITS**

Required Courses . . . . . 16 Units

POLS C1000 American Government and Politics. . . . . 3 Units
POLS2 Comparative Government and Politics . . . . . 3 Units
POLS4 Introduction to Political Theory . . . . . 3 Units
POLS7 International Relations . . . . . 3 Units
STAT C1000 Introduction To Statistics . . . . . 4 Units

Restricted Electives (Choose one course) . . . . . 3 Units

AJ10 Introduction to Criminal Justice System. . . . . 3 Units
ANTHR2 Cultural Anthropology. . . . . 3 Units
GEOG2 Cultural Geography . . . . . 3 Units
HIST17A United States History . . . . . 3 Units
HIST17B United States History II. . . . . 3 Units
PHIL2 Ethics . . . . . 3 Units
SOCIL1 Introduction To Sociology. . . . . 3 Units

SOCIOLOGY (SOCIL)

DEAN
Dr. Shannon Reed
Dean of Arts and 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. 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.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive priority admission with junior status to the California State University System and 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 should consult with a counselor for more information on specific university major admission and transfer requirements.

The following are 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
- Satisfactory completion (C or better OR Pass*) of courses used to satisfy major requirements AND courses used to complete the California General Education Transfer Curriculum (Cal-GETC) requirements

**Some majors may not accept a Pass in place of a letter grade. Consult with a counselor before choosing the P/NP grading option.*

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.*
- ✓ ~~*Complete transfer requirements for further study in sociology and related fields.*~~ [*Removed*]

Required Courses for Major

SOCIOLOGY (A.A.-T) **19 UNITS**

Required Core Courses ..... 10 Units

SOCIL1 Introduction To Sociology.....3 Units
SOCIL2 Social Problems .....3 Units
STAT C1000 Introduction To Statistics .....4 Units

Major Electives (choose three) ..... 9 Units

PSYCH22 Social Psychology .....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
SOCIL10 Sociology of Marriage and Family .....3 Units

WELDING (WELD)

DEAN
Dean of Career Education
Office: *(530) 661-5700*
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 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.*

✓ *Attempt to pass the AWS D1.1 certification.*

✓ *Demonstrate critical thinking skills through structural design and fabrication.*

Required Courses for Major

WELDING TECHNOLOGIES - ADVANCED (CERTIFICATE) — 20 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

WOODLAND COMMUNITY COLLEGE
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Clearlake, CA 95422
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wcc.yccd.edu/lake

COLUSA COUNTY CENTER
99 Ella Street
Williams, CA 95987
(530) 668-2500
wcc.yccd.edu/colusa

YUBA COMMUNITY
COLLEGE DISTRICT

YUBA COMMUNITY COLLEGE DISTRICT
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