

MENDOCINO COLLEGE

2021 - 2022 Catalog Addendum



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MENDOCINO-LAKE COMMUNITY COLLEGE DISTRICT

2021-22 Addendum

General Catalog 2020 - 2022

Ukiah Campus

1000 Hensley Creek Rd.
Ukiah, CA 95482
707.468.3000

Lake Center

2565 Parallel Dr.
Lakeport, CA 95453
707.263.4944

North County Center

372 E. Commercial St.
Willits, CA 95490
707.459.6224

Coast Center

1211 Del Mar Dr.
Fort Bragg, CA 95437
707.961.2200

Introduction

Greetings Mendocino College!

Here is the 2021-2022 Catalog Addendum. Mostly, it includes new and changed courses, degrees and certificates. All of these changes are effective at the start of the Fall, 2021 semester. In addition to these course and program changes, we have included new policies and language about Credit for Prior Learning (CPL) and pages which show the most current General Education course information. If you are beginning as a student in Fall, 2021, this addendum, its requirements and opportunities, will apply to your educational programs. For more information about “Catalog Rights” see page 8 of the [2020-2022 Catalog](#).

Please use this addendum to accompany the 2020-2022 Catalog which includes much valuable information about becoming and being a student at Mendocino College. The addendum does not replace it, but provides the most up-to-date information about changed courses, degrees and certificates and how you can earn credit toward completing your educational goals at Mendocino College. The two documents together will provide a full listing of courses and programs.

For the most up-to-date information about policies, procedures, and other Mendocino College information, please visit our website. Of course, you are also welcome to visit us in person at any of our locations. In fact, I highly recommend you keep in touch with a counselor by meeting with them regularly so that you can make sure you are on track to reaching your goals.

Debra Polak

Vice President of Academic Affairs

Admissions and Records

FEES AND REFUNDS

Non-Resident Tuition

Students who have not resided continuously in California for a period of one year immediately preceding the residency determination date will be subject to non-resident tuition in addition to the enrollment fee and other fees paid by all students. The non-resident tuition is \$270.00 per semester unit beginning Fall 2021. Fees and tuition are due and payable in full no later than the end of day of registration.

Transfer Credit

CREDIT FROM OTHER COLLEGES

A student who presents an official transcript of previous college or university credit may receive credit toward the associate degree from Mendocino College, if the institution was accredited at the time of attendance. Official transcripts must be submitted to the Office of Admissions and Records, along with a request for evaluation, to have transfer credit course work applied to a Mendocino College degree, certificate, or for transfer evaluations. Transcripts delivered in a sealed envelope or by email directly from the issuing college or university are considered official.

All students using educational benefits through the US Department of Veterans Affairs must submit all transcripts of previous college work for evaluation to the Office of Admissions and Records.

FOREIGN COURSE WORK

Students who have satisfactorily completed course work from an accredited foreign college or university may be able to apply those course credits toward an Associate degree or certificate at Mendocino College. Course work must be evaluated by an approved credentials evaluation agency and then reviewed by an evaluator in the Office of Admissions and Records.

An official transcript, along with a detailed evaluation from an approved agency, must be submitted along with a request for evaluation to the Office of Admissions and Records. Mendocino College does not determine course transferability to other colleges or universities.

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, student created portfolios, and credit by examination.

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 score of 3 or higher on an Advanced Placement (AP) examination;
- Achievement of a satisfactory score on the College Level Examination Program (CLEP);
Credit by satisfactory completion of an examination administered by the college in lieu of completion of a course listed in the college catalog;
- Evaluation of military service Joint Service Transcripts (JST);
- Evaluation of industry recognized credential documentation;
- Evaluation of student-created portfolios;
- Satisfactory completion of a standardized exam.

DETERMINATION OF ELIGIBILITY FOR CREDIT FOR PRIOR LEARNING

- The student must be currently registered in the college and in good standing;
- The student may not have earned college credit in a more advanced subject matter;
- The student must satisfy all stated prerequisite(s)/corequisite(s);
- The student must have an education plan on file;
- The course must be approved for Credit by Assessment through the curriculum process.

PROCESS FOR CREDIT BY ASSESSMENT

- The student must complete and submit a Credit for Prior Learning petition to the Office of Admissions and Records.
- The petition must be approved by the appropriate Academic Dean.
- A student will not be charged a fee for Credit for Prior Learning.
- The student will not be enrolled in the course for which the student seeks Credit for Prior Learning
- Credits acquired for prior learning are not applicable to meeting of such unit load requirements as Selective Service deferment, Veterans' or Social Security Benefits.
- Credits acquired through prior learning shall not be counted in determining the 12 semester hours of credit in residence required for an Associate degree.
- Credit by Examination can only be taken for a letter grade with the exception of those courses designated for pass/no pass only.
- Courses where Credit for Prior Learning is earned may not be repeated for credit by classroom attendance unless a substandard grade is earned (D, F or NP).
- The student's academic record will clearly indicate that the credit was earned by assessment.
- A grade of incomplete may not be assigned.
- Each approved course may be challenged only once.
- A maximum of 12 units of credit may be earned by assessment.
- The student may appeal the decisions related to the award of credit in cases of credit for prior learning through the regular appeals process.

ADVANCED PLACEMENT (AP) EXAMINATION PROGRAM

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

Students may earn a minimum of 3 semester units of credit for each AP exam satisfactorily passed. Review the current college catalog (www.mendocino.edu/catalog) to identify how AP exam credit can be applied. 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 Office of Admissions and Records Office along with a Credit for Prior Learning petition. For information on obtaining a transcript, contact the College Board. Information is available on the web at <http://www.collegeboard.com>.

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

Mendocino College grants credit for successful completion of certain CLEP examinations to students who attain satisfactory scores. Students may earn a minimum of 3 semester units of credit for each exam satisfactorily passed. Students intending to transfer to a four-year institution should consult a counselor or the individual university regarding its CLEP credit policy.

To receive credit, students must submit an official CLEP transcript to the Office of Admissions and Records along with a Credit for Prior Learning petition. The University of California does not award units for CLEP. CLEP credits do not apply toward IGETC requirements. For information on obtaining a transcript, contact the College Board. Information is available at www.collegeboard.com.

MILITARY SERVICE/JOINT SERVICE TRANSCRIPTS

Mendocino 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 Wellness requirement for the Associate degree, and will meet the Area E requirement for CSU GE.

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 Office of Admissions and Records along with a Credit for Prior Learning petition. Transcripts 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 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 discipline faculty:

- The student shall complete the Credit for Prior Learning petition available in the Counseling Office or Office of Admissions and Records.
- The Office of Admissions and Records may grant credit for industry recognized credential(s) evaluated and approved by the appropriate instructional dean or faculty designee.

STUDENT-CREATED PORTFOLIO ASSESSMENT

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

- The student shall complete the Credit for Prior Learning petition available in the Counseling Office or Office of Admissions and Records.
- The student meets with the assigned discipline faculty to receive further instructions for student-created portfolio assessment.
- The student submits all portfolio documents to the discipline faculty for assessment of prior learning.

If the instructional dean or faculty designee determine the student created portfolio adequately measures mastery of the course content as set forth in the Course Outline of Record, faculty shall sign the petition with the appropriate grade and forward it to the Office of Admissions and Records to be recorded on the student transcript and kept on file.

CREDIT BY EXAMINATION FROM WITHIN THE DISTRICT

Students wishing to challenge a course through Credit by Examination must submit a completed Credit for Prior Learning petition to the Office of Admissions and Records. Admissions and Records staff will verify the student is currently registered with the college, has satisfied course prerequisites and/or corequisites, and that the desired course is included on the Credit by Assessment Approval List. The Credit for Prior Learning petition must be completed prior to the end of the current semester or session. 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).

Summary

GENERAL EDUCATION

An essential part of an Associate Degree, General Education is intended to introduce students to the variety of academic disciplines and ways of knowing in the contemporary intellectual world. They are intended to encompass the widest spectrum of key concepts and reflect the key concepts and methods of the sciences, the arts and humanities, or the social sciences and reflect the conviction of the College that those who attain an academic degree should possess in common certain basic abilities, skills and attitudes representative of an educated person. All of the General Education courses are offered at a post-secondary level of instruction. General Education courses do not include course work intended as developmental instruction in basic skills or course work specific to one's academic major.

MENDOCINO COLLEGE GENERAL EDUCATION REQUIREMENTS

Students who do not intend to transfer to a university must meet the general education pattern and institutional requirements listed below, along with completing a major and enough electives to total 60 college-level units, to earn an associate degree. See the Mendocino College catalog at mendocino.edu for major requirements.

INSTITUTIONAL REQUIREMENTS

(May double count in General Education, concentration, or major requirements.)

Note: Courses that are multiple area listed are indicated by a £ and can only be used to meet the requirement of a single area.

Studies in Culture (3 units): <i>Anthropology</i> 201; <i>Art</i> 206, 209; <i>Child Development</i> 202; <i>Communications</i> 211; <i>English</i> 250, 265; <i>Ethnic Studies</i> 202, 235, 241; <i>Geography</i> 201, 202; <i>History</i> 205, 206, 207, 208, 209, 220, 222; <i>Human Services</i> 172; <i>Music</i> 208; <i>Philosophy</i> 230; <i>Political Science</i> 203; <i>Psychology</i> 220; <i>Sociology</i> 201, 202, 203, 235, 241; <i>Theatre Arts</i> 206	
Wellness (3 units): <i>Biology</i> 245; <i>Child Development</i> 200; <i>College and Career Success</i> 101; <i>Emergency Medical Services</i> 202; <i>Health</i> 103, 200, 214; <i>Psychology</i> 205, 206, 208, 210; <i>Sociology</i> 210; or four months active military service verified by submission of Form DD-214	
Mathematics: A score of 109 or higher on the CTPE or a score of 50 or higher on the CTPC or Completion of <i>Computer Science</i> 240; <i>Mathematics</i> 79, 80, 121, 178, 200, 210, 211, 212, 220, or 230 with a "C" or better.	
Reading and Written Expression: <i>English</i> 200 with a "C" or better	
AREA A – Natural Sciences	3 units
21 <i>Agriculture</i> 108; <i>Anthropology</i> 200; <i>Astronomy</i> 200; <i>Biology</i> 200, 202, 220, 230, 231, 242, 243, 245, 250, 255, 257, 259; <i>Chemistry</i> 200, 202, 250, 251, 255, 256; <i>Earth Science</i> 210, 211, 212, 222; <i>Geography</i> 206; <i>Geology</i> 201, 203; <i>Natural Resources</i> 200; <i>Physics</i> 202, 210, 211, 220; <i>Psychology</i> 255; <i>Science</i> 201	
AREA B – Social Sciences - One course from each of the two areas:	6 units
<ol style="list-style-type: none"> American Institutions (3 units): <i>History</i> 202£, 203£, 207£, 208£, 209£, 222£, 250£; <i>Political Science</i> 200£ Social and Behavior Sciences (3 units): <i>Administration of Justice</i> 200, 202, 204; <i>Anthropology</i> 201; <i>Business</i> 134, 212, 230; <i>Child Development</i> 180, 200, 202; <i>Communications</i> 200, 211, 250; <i>Culinary</i> 260; <i>Economics</i> 200, 201; <i>Ethnic Studies</i> 202, 235, 241; <i>Geography</i> 201, 202; <i>History</i> 200£, 201£, 202£, 203£, 205£, 206£, 207£, 208£, 209£, 220£, 221£, 222£, 250£; <i>Human Services</i> 170; <i>Political Science</i> 200£, 201, 202, 203, 205; <i>Psychology</i> 190, 205, 206, 208, 210, 212, 215, 216, 218, 220, 250; <i>Sociology</i> 200, 201, 202, 203, 206, 210, 235, 241; <i>Sustainable Construction</i> 200 	
AREA C – Humanities	3 units
<i>American Sign Language</i> 200, 201; <i>Art</i> 150, 205, 206, 207, 208, 209, 210A, 213, 214, 231A, 232, 240A, 250A; <i>Child Development</i> 125; <i>English</i> 201, 210, 212, 225, 245, 246, 250, 265, 270; <i>History</i> 200£, 201£, 202£, 203£, 205£, 206£, 207£, 208£, 209£, 220£, 221£, 222£, 250£; <i>Music</i> 200, 201A, 203, 204, 207, 208, 209, 210A; <i>Philosophy</i> 210, 220, 230; <i>Spanish</i> 100, 101, 102, 200, 201, 202, 203, 210, 211, 212; <i>Theatre Arts</i> 200, 201, 202, 204, 206, 210B, 210D, 220A, 225A, 230A, 232, 234A, 238E, 242A	
AREA D – Language and Rationality - One course from each of the two areas:	6 units
<ol style="list-style-type: none"> English Composition (3 units): <i>English</i> 200 Communication and Analytical Thinking (3 units): <i>Communications</i> 202, 203, 210; <i>Computer Science</i> 105, 106, 130, 134, 166, 170, 201, 210, 220, 221, 222, 240; <i>English</i> 205; <i>Human Services</i> 154; <i>Mathematics</i> 79, 80, 121, 178, 200, 210, 211, 212, 214, 215, 220, 230 	

Transfer Information

ARTICULATION

Mendocino College has articulation agreements with the major universities, both public and private. These articulation agreements allow a student to efficiently plan a transfer program in their desired major, in preparation to transfer to a specific university. Mendocino College's articulation with state universities may be found at www.assist.org. For assistance in interpreting articulation documents, students should see an academic counselor. Students who do not complete preparation for their transfer major may not be accepted to the school of their choice or may extend their time required to graduate.

TRANSFER PREPARATION

Each institution of higher learning has its own requirements for admission and for junior standing. To prepare for continued education, a student must decide which school he/she is going to attend and learn the requirements of that particular school. In no way does this part of the catalog replace the student need to study the current catalog of the college or university to which transfer is planned.

While attending Mendocino College, students who plan to transfer to a university should take the courses required by the institution they are preparing to attend. A list of Mendocino College courses which qualify for baccalaureate credit may be obtained from a counselor or on the Internet at www.assist.org.

Courses numbered 100 through 199 are accepted by the California State Universities (CSU) and courses numbered 200 through 299 by the University of California (UC). However, not all courses meet GE requirements.

TRANSFER TO INDEPENDENT COLLEGES AND UNIVERSITIES

Admission requirements of independent colleges and universities vary. Students should consult the transfer school catalog for specific requirements.

TRANSFER TO THE CALIFORNIA STATE UNIVERSITY SYSTEM

All 23 campuses of The California State University accept a maximum of 70 semester units of credit in transferable courses completed at a community college. Current admissions requirements are available at www.csumentor.edu.

The California State University general education requirements are listed in the following section. Mendocino College is authorized to certify at the student's request the fulfillment of these requirements.

Some CSU catalogs indicate additional requirements. Each student is advised to consult the CSU catalog of the campus of his or her choice. Catalogs are available online.

ASSOCIATE DEGREES FOR TRANSFER

The Associate for Transfer (A.A.-T or A.S.-T) is a degree offered at California Community Colleges. Students who earn an A.A.-T or A.S.-T degree and meet the CSU minimum eligibility requirements are guaranteed admission to a CSU, but not necessarily to a particular campus or major. In addition, once at the CSU, if admitted and enrolled in a designated similar degree program, students have the opportunity to complete the bachelor's degree with as little as 60 semester units or 90 quarter units of coursework. See Program section for a complete list of transfer degrees.

Summary

CALIFORNIA STATE UNIVERSITY GENERAL EDUCATION REQUIREMENTS

CSU regulations require that to earn a Bachelor's Degree, each student must complete at least 48 units of General Education. Of these 48 units, 9 must be completed at the four-year institution (upper division).

CSU's require students to complete 60 transferable units and all 39 units of the following CSU GE pattern to transfer as juniors. It is also recommended that a student completely prepare for a university major by completing the appropriate coursework at a community college. **Transferring without completing major preparation may extend your time to graduation.** Many university programs have additional admission and graduation requirements. Refer to the appropriate CSU catalog, or your Mendocino College counselor, for additional information.

<p>AREA A – English Language Communication and Critical Thinking 9 units</p> <p>Select one course from each category:</p> <p>A-1 Oral Communication – <i>Communications</i> 203, 210</p> <p>A-2 Written Communication – <i>English</i> 200</p> <p>A-3 Critical Thinking – <i>Communications</i> 202; <i>English</i> 201[£], 205</p>
<p>AREA B – Scientific Inquiry and Quantitative Reasoning 9 units</p> <p>One course from each category. One course from B-1 or B-2 must include a lab. (designated by an asterisk*)</p> <p>B-1 Physical Science (3units) – <i>Astronomy</i> 200; <i>Chemistry</i> 200*, 202*, 250*, 251*, 255*, 256*; <i>Earth Science</i> 210*, 211; <i>Geography</i> 206*; <i>Geology</i> 201, 203; <i>Natural Resources</i> 200[£]; <i>Physics</i> 202*, 210*, 211*, 220*; <i>Science</i> 201*</p> <p>B-2 Life Sciences (3units) – <i>Anthropology</i> 200; <i>Biology</i> 200, 202, 220, 230*, 231*, 242, 243, 250*, 255*, 257*, 259*; <i>Natural Resources</i> 200[£]; <i>Psychology</i> 255</p> <p>B-3 Lab: Astronomy 200L; <i>Biology</i> 200L, 202L, 220L, 250, 255, 257; <i>Geology</i> 201L, 203L; <i>Natural Resources</i> 200L; or a course from B-1 or B-2 indicated by an asterisk (*)</p> <p>B-4 Mathematics/Quantitative Reasoning (3units) – <i>Computer Science</i> 240; <i>Mathematics</i> 121, 178, 200, 210, 211, 212, 214, 215, 220, 230</p>
<p>AREA C – Arts and Humanities 9 units</p> <p>Minimum of nine units, with at least three units in each Subsection C-1 and C-2.</p> <p>C-1 Fine Arts – <i>Art</i> 205, 206, 207, 208, 209, 210A; <i>Music</i> 201A, 203, 204, 207, 208, 209, 210A; <i>Theatre Arts</i> 200, 201, 202, 204, 206, 232[£], 242A, 250</p> <p>C-2 Humanities – <i>American Sign Language</i> 200, 201; <i>English</i> 201[£], 210, 212, 225, 245, 246, 250, 265, 270; <i>Ethnic Studies</i> 235[£], 241[£]; <i>History</i> 200[£], 201[£], 202[£], 203[£], 205[£], 206[£], 207[£], 208[£], 209[£], 220[£], 221[£], 222[£], 250[£]; <i>Philosophy</i> 210, 220, 230; <i>Sociology</i> 235[£]; <i>Spanish</i> 200, 201, 202, 203, 210, 211, 212; <i>Theatre Arts</i> 232</p>
<p>AREA D – Social Sciences 6 units</p> <p><i>Administration of Justice</i> 200, 202, 204; <i>Anthropology</i> 201; <i>Business</i> 134; <i>Child Development</i> 180, 200[£]; <i>Communications</i> 200, 211, 250; <i>Economics</i> 200, 201; <i>Ethnic Studies</i> 202[£], 235[£], 241[£]; <i>Geography</i> 201, 202; <i>History</i> 200[£], 201[£], 202[£], 203[£], 205[£], 206[£], 207[£], 208[£], 209[£], 220[£], 221, 222[£], 250[£]; <i>Political Science</i> 200, 201, 202, 203, 205; <i>Psychology</i> 205[£], 206[£], 208[£], 210[£], 212, 215, 216, 218, 220, 250; <i>Sociology</i> 200, 201, 202, 203, 206, 210[£], 235[£], 241; <i>Sustainable Technology</i> 200</p>
<p>AREA E – Lifelong Understanding and Self-Development 3 units</p> <p>(maximum of 1 unit from Theatre Arts courses)</p> <p><i>Child Development</i> 200[£]; <i>College and Career Success</i> 101; <i>Health</i> 103, 200, 214; <i>Psychology</i> 205[£], 206[£], 208[£], 210[£]; <i>Sociology</i> 210[£]</p>
<p>AREA F – Ethnic Studies 3 units</p> <p><i>Ethnic Studies</i> 202[£], 235[£]</p>
<p>CSU Graduation Requirement: U.S. History, Constitution & American Ideals</p> <p>One course from area 1 and one course from area 2 are required to graduate from any CSU campus. CSU's will allow these courses to double count in other areas if certified by Mendocino College.</p> <p>1. <i>History</i> 202, 203, 207, 208, 209, 222, or 250 & <i>Political Science</i> 200</p>

Note: Courses that are listed in multiple areas are indicated by a [£] and can only be used to meet the requirements of a single area.

Summary

CSU & UC TRANSFER GENERAL EDUCATION REQUIREMENTS – IGETC

Completion of Intersegmental General Education Transfer Curriculum (IGETC) prior to transfer (CSU or UC) may fulfill lower-division general education requirements at the receiving institution. All areas must be satisfied, and all courses must be completed with a grade of “C” or better before IGETC can be certified. IGETC is not appropriate for all programs and is not an admissions requirement to the UC system. Consult with a counselor for additional information about appropriate general education courses for your planned major and school.

The UC system recommends major preparation over completion of General Education requirements. Refer to resources such as a UC catalog or your Mendocino College counselor for appropriate pre-major coursework.

Note: Courses that are multiple area listed are indicated by a £ and can only be used to meet the requirements of a single area.

<p>AREA 1 – English Communication CSU – Three courses required, one each from A, B, and C UC – Two courses required, one each from A and B A: English Composition – English 200 B: Critical Thinking – Communications 202; English 201£, 205 C: Oral Communication – Communications 203, 210</p>	9 units
<p>AREA 2 – Mathematical Concepts and Quantitative Reasoning One course from: <i>Computer Science 240; Math 200, 210, 211, 212, 214, 215, 220, 230</i></p>	3 units
<p>AREA 3 – Arts & Humanities Three courses, at least one in the Arts and one in the Humanities <i>Arts – Art 205, 206, 207, 208, 209; Music 203, 204, 207, 208, 209; Theater Arts 200, 201, 202, 204, 206, 232£</i> Humanities – English 201£, 225, 245, 246, 250, 265, 270; History 200£, 201£, 202£, 203£, 205£, 206£, 207£, 208£, 209£, 220£, 221£, 222£, 250£; Philosophy 210, 220, 230; Spanish 201, 202, 203, 210, 211, 212; Theatre Arts 232£</p>	9 units
<p>AREA 4 – Social & Behavioral Sciences Three courses from at least two disciplines <i>Administration of Justice 202, 204; Anthropology 201; Child Development 200; Communications 200, 211, 250; Economics 200, 201; Ethnic Studies 202, 235, 241; Geography 201, 202; History 200£, 201£, 202£, 203£, 205£, 206£, 207£, 208£, 209£, 220£, 221£, 222£, 250£; Political Science 200, 201, 202, 203, 205; Psychology 205, 206, 210, 212, 215, 216, 218, 220; Sociology 200, 201, 202, 203, 206, 210, 235, 241; Sustainable Technology 200</i></p>	9 units
<p>AREA 5 – Physical & Biological Sciences Two courses, one Physical Science course and one Biological Science course, one of which must include a lab (designated by an asterisk * or listed in Area C) A. Physical Science – Astronomy 200; Chemistry 200*, 202*, 250*, 251*, 255*, 256*; <i>Earth Science 210*, 211; Geography 206*; Geology 201, 203; Natural Resources 200; Physics 202*, 210*, 211*, 220*; Science 201*</i> B. Biological Science – Anthropology 200; Biology 200, 202, 220, 230*, 231*, 242, 250*, 255*, 257*, 259*; Psychology 255 C. Science Lab – Astronomy 200L; Biology 200L, 202L, 220L, 250, 255, 257; Geology 201L, 203L; Natural Resources 200L</p>	7-9 units
<p>Language other than English (UC requirement only) – Complete two years of the same foreign language at a high school level with a grade of “C” or better, OR earn a score of three or higher on the Foreign Languages Advanced Placement exam OR one of the following: <i>American Sign Language 200, 201; Spanish 200, 201, 202, 203, 210, 211</i></p>	
<p>CSU Graduation Requirement in U.S. History, Constitution and American Ideals – Not part of IGETC. (If listed above, courses may be completed prior to transfer and also counted in IGETC.) One course from <i>History: 202, 203, 207, 208, 209, 222, or 250; & Political Science 200</i></p>	

Summary

New Programs

Associate in Science in Chemistry for UC Transfer
Introduction to the Construction Trades Certificate of Completion
Technical Theatre Certificate of Achievement

Revised Programs

Allied Health Associate of Science
Associate in Arts in Economics for Transfer
Associate in Arts in English for Transfer
Associate in Arts in History for Transfer
Associate in Arts in Kinesiology for Transfer
Associate in Arts in Political Science for Transfer
Associate in Arts in Social Justice for Transfer (Ethnic Studies)
Associate in Arts in Social Justice for Transfer (General)
Associate in Arts in Sociology for Transfer
Associate in Arts in Spanish for Transfer
Associate in Arts in Studio Arts for Transfer
Associate in Arts in Theatre Arts for Transfer
Associate in Science in Biology for Transfer
Associate in Science in Business Administration for Transfer
Associate in Science in Geology
Associate in Science in Mathematics for Transfer
Earth Science Associate of Science
Ethnic Studies Associate of Arts
Fine Woodworking I Certificate of Achievement
Fine Woodworking II Certificate of Achievement
Health Science Associate of Science
Human Service Worker Certificate of Achievement
Human Services Paraprofessional Certificate of Achievement
Liberal Arts and Science with an Emphasis in Native American Studies Associate of Arts
Liberal Arts and Science with an Emphasis in Social Studies Associate of Arts
LVN to RN Career Ladder Associate of Science
LVN to RN Career Ladder Certificate of Achievement
Natural Resources Associate of Science
Physical Therapist Assistant Associate of Science
Registered Nurse Associate of Science
Spanish for Native Speakers Associate of Arts
Spanish for Non-Native Speakers Associate of Arts
Theatre Arts Associate of Arts - Dance
Theatre Arts Associate of Arts - Theatre

New Courses

ART 231B - Intermediate Figure Drawing
EMS 550 - Community First Aid/CPR/AED (noncredit)
ETH 202 - Racial and Ethnic Relations (previously SOC 202)
ETH 235 - Mexican American Culture (previously SOC 235)
ETH 241 - Pacific Coast Indian Cultures (previously SOC 241)
HST 188.5 - Local Native History
MTH 541 - Mathematics Institutes (noncredit)
MTH 546 - Pre-College Mathematics (noncredit)
MTH 560 - Beginning Algebra for STEM and Business Majors (noncredit)
PES 230 - Beginning Aikido
SCT 500 - Introduction to Construction Trades (noncredit)
SCT 505 - Introduction to the Construction Trades Lab (noncredit)
SCT 515 - Fork and Scissor Lift Operation Basics (noncredit)

Summary

SCT 540 – Construction Math A (noncredit)
SCT 541 – Construction Math B (noncredit)
SCT 562 – Safety Standards for Construction (noncredit)
THE 135 – Introduction to Scenic Design
WOD 98.1 – Intermediate Woodworking

Revised Courses

BUS 134 – Human Relations in Business
BUS 136 – Introduction to Management
BUS 150 – Entrepreneurial Marketing
BUS 151 – Introduction to Marketing
BUS 174 – Introduction to Green Business
BUS 212 – The Legal Environment of Business
BUS 230 – Introduction to Business
CAM 58 – Chocolate and Confections
CAM 68 – Food Preservation
CAM 101 – Culinary Skills I
CAM 130A – Baking I
CAM 130C – Pastry and Desserts
CCS 100 – Career Planning Success
CCS 124 – Becoming a Successful Online Student
CSC 105 – Introduction to Linux I
CSC 106 – Introduction to Linux II
CSC 117 – Computer Network Fundamentals
CSC 134 – Web Application Development
CSC 170 – Mobile Application Development
CSC 180 – 3D Animation
CSC 185 – 3D Interactive Applications
CSC 210L – Computer Organization and Architecture Lab
ENG 85 – Advanced Preparation for College Composition
MTH 60 – Beginning Algebra for STEM and Business Majors
MTH 77 – Geometry
MTH 79 – Mathematics for Technical Fields
MTH 80 – Intermediate Algebra for STEM and Business Majors
MTH 178 – Applied Math
MTH 210 – Calculus and Analytic Geometry I
MTH 220 – Statistics
MTH 230 – Calculus for Business and Economics
MTH 46 – Pre-College Mathematics
MTH 540 – Supplemental Mathematics Lab
RLS 65 – Fundamentals for Home Inspections
RLS 73 – Real Estate Financial Calculations
RLS 74 – Real Estate Licensing Preparation
RLS 160 – Real Estate Principles
RLS 161 – Real Estate Practice
RLS 162 – Real Estate Appraisal
RLS 163 – Real Estate Finance
RLS 164 – Legal Aspect of Real Estate
RLS 167 – Real Estate Economics
RLS 170 – Property Management
RLS 172 – Real Estate Investments

Inactivated Courses

CCS 60 – College Success
EAS 222 – Applied GIS
MTH 31 – Just in Time Support for Intermediate Algebra
MTH 531 – Just in Time Support for Intermediate Algebra (noncredit)

CHEMISTRY

Gregory Allen • 707.467.1056

Marcus Frederickson • 707.468.3127

Degrees

A.S. Chemistry UCTP

ASSOCIATE IN SCIENCE IN CHEMISTRY FOR UC TRANSFER

Chemistry is the study of matter, its composition, structure, properties, and changes. Central to natural and physical science majors, chemistry serves as a foundation subject for many disciplines while providing a pathway into chemical sciences and chemical industry. As a technical field of study that requires strong laboratory skills and experience, job opportunities span a broad range of sectors from education to research to industry to medicine. Upon successful completion of this degree, a student will qualify to be accepted to a University of California Chemistry program. Admission to the UC System will be guaranteed pending GPA requirements and application submission. Students completing this degree are exempt from Mendocino College Institutional Requirements. Students pursuing this degree must follow the UCTP-TMC for STEM GE pattern. Please check with a counselor for more specific transfer information.

Required Courses:

		Units
CHM 250	General Chemistry I	5
CHM 251	General Chemistry II	5
CHM 255	Organic Chemistry I	5
CHM 256	Organic Chemistry II	5
MTH 210	Calculus and Analytic Geometry I	5
MTH 211	Calculus and Analytic Geometry II	5
MTH 212	Calculus and Analytic Geometry III	5
MTH 215	Differential Equations	3
PHY 220	Physics for Scientists and Engineers I	4
PHY 221	Physics for Scientists and Engineers II	4
PHY 222	Physics for Scientist and Engineers III	4

Total Major Units**50****Total Degree Units****66 - 70***Program Level Student Learning Outcomes:*

1. Demonstrate mastery of a broad set of chemical knowledge concerning the fundamentals in the basic areas of the discipline (general, analytical, organic).
2. Know and follow the proper procedures and regulations for safe handling and use of chemicals.
3. Use standard laboratory equipment, modern instrumentation, and classical techniques to carry out experiments.
4. Demonstrate critical thinking when interpreting experimental results and evaluating the validity of a proposed solution.

Career Opportunities in CHEMISTRY

Completing the Associate in Science in Chemistry for UC Transfer can lead to a variety of opportunities. According to the American Chemical Society there is a wide range of career opportunities for chemical professionals that are categorized under five main sectors: Academia, Government, Entrepreneur, Industry, and Non-Profit and these sectors include areas of opportunities such as Research and Development, Quality Control/Regulatory, Manufacturing, Sales and Marketing, Law and Policy, Higher Education, and Public Health. Some examples of job opportunities may include but are not limited to the following: Chemical Information Management Specialist, Lab Researcher, High School Chemistry Teacher, Chemistry Professor; Environmental Protection, Chemical Health and Safety, Hazardous Waste Management, Forensic Chemist; Cheminformatics, Chemical Engineering, Formulation Chemist, and Technical Sales and Marketing.

SUSTAINABLE CONSTRUCTION & ENERGY TECHNOLOGY

Office of Instruction • 707.468.3002

Certificate of Completion

Introduction to the Construction Trades

INTRODUCTION TO THE CONSTRUCTION TRADES CERTIFICATE OF COMPLETION

The Introduction to the Construction Trades Certificate of Completion combines an overview of the building trades and construction math with industry relevant certificates, including OSHA 10 and basic First Aid/CPR/AED certificates. The combined coursework is intended to prepare students to enter the building trades with basic technical skills, skills in construction math, as well as a clear understanding of jobsite safety and the soft skills required to advance their careers in the building trades. Students completing this certificate will be well positioned to gain entry level employment, in new and remodel construction, in addition to specialty trades such as plumbing, electrical, building efficiency and retrofitting.

Required Courses:

		Hours
EMS 550	Community First Aid/CPR/AED	8.5
SCT 500	Introduction to the Construction Trades	42.5
SCT 505	Introduction to the Construction Trades Lab	42.5
SCT 540	Construction Math A	17
SCT 562	Safety Standards for Construction	17

Plus 1 additional course take from the following:

		Hours
SCT 515	Fork and Scissor Lift Operation Basics	8.5
SCT 541	Construction Math B	17

Total hours

136 – 144.5

Program Level Student Learning Outcomes:

1. Explain the construction process and describe the various technical trades and skills required in the construction process.
2. Solve construction related problems and materials estimation by applying apply basic mathematical principles.
3. Discuss construction safety concepts and demonstrate best practices related to construction job sites, including around equipment; demonstrate competency in community First Aid/CPR/AED.
4. Demonstrate applied understanding of soft skills required for construction jobsites, including verbal and non-verbal communication, willingness to learn and cooperate, planning and organization, persistence in problem solving, and actively listen to instructions.
5. Have acquired necessary skills to gain employment in the construction industry.

THEATRE ARTS

Stephen Decker • 707.468.3153

Reid Edelman • 707.468.3172

Certificate of Achievement

Technical Theatre Certificate of Achievement

TECHNICAL THEATER CERTIFICATE OF ACHIEVEMENT

The Technical Theater Certificate of Achievement will prepare individuals for entry-level positions as a stagehand working in stage, production, film, and television production as well as other special events. This program will prepare students to join in the International Alliance of Theatrical Stage Employees (I.A.T.S.E) Union which influences better salaries especially in large cities such as San Francisco. Students will gain skills in theatrical lighting, set construction, video presentation setup, basic sound reinforcement, and wardrobe. Examples of entry-level employment options after successful completion of the Technical Theater Certificate of Achievement include carpenter, scenic painter, wardrobe dresser/ assistant, properties artisan, rigger, lighting technician, and event technician. Events and venues include casinos, concert, conferences, film, video, music videos, commercials, and multimedia projects. This program will also serve as a base for further education leading to careers such as Set Designer, Lighting Designer, Technical Director, and other theater-related jobs, including occupations represented by the I.A.T.S.E union.

Required Courses:

		Units
MUS 110	Recording Studio Techniques I	3
MUS 115A	Recording Studio Laboratory	1
THE 200	Introduction to Theatre	3
THE 208A	Stagecraft I	3
THE 216A	Stage Lighting I	3
THE 217A	Costume Construction I	3
THE 225A	Production Crew I	2
THE 225B	Production Crew II	2

Total units required for Certificate

20

Program Level Student Learning Outcomes:

1. Demonstrate proficiency with typical professional lighting equipment and computer systems.
2. Understanding of the terminology and operations of the theater and production industries.
3. Apply critical thinking skills to resolve challenges in the workplace.
4. Function competently in entry-level stage hand business.
5. Work effectively with others in a creative team environment.

ART

Doug Browe • 707.467.1003
 Lisa Rosenstreich • 707.468.3022

Degrees

A.A.-T Studio Arts

ASSOCIATE IN ARTS IN STUDIO ARTS FOR TRANSFER

Courses in the Associate in Arts in Studio Arts for Transfer major focus on an understanding of the elements and principles of Art and the development of skills necessary for effective visual communication. The Associate in Arts in Studio Arts for Transfer degree is designed to prepare students for a seamless transfer into the CSU system to complete a baccalaureate degree in Studio Arts or similar major. Priority admission with junior status to the CSU system will be granted. Students completing this degree are exempt from Mendocino College Institutional Requirements.

Required Courses - Major:		Units
ART 208	Survey of Western Art from the Renaissance to the Contemporary Period	3
ART 210A	Fundamentals of Drawing	3
ART 213	Color and Composition	3
ART 214	Three-Dimensional Art and Design	3
Plus 3 additional units selected from the following:		Units
ART 205	Modern Art History	3
ART 206	Introduction to Native American Art	3
ART 207	Survey of Western Art from Prehistory through the Middle Ages	3
Plus 9 additional units from 3 different curricular areas		Units
DRAWING:		
ART 210B	Intermediate Drawing	3
ART 231A	Beginning Figure Drawing	3
PAINTING:		
ART 228A	Beginning Painting I	3
PRINTMAKING:		
ART 232	Introduction to Printmaking	3
DIGITAL ART:		
DAM 281	Digital Design Using Adobe Illustrator	3
PHOTOGRAPHY:		
ART 282	Introduction to Photography	3
CERAMICS:		
ART 240A	Ceramics I	3
SCULPTURE:		
ART 250A	Beginning Sculpture	3
OTHER MEDIA:		
ART 150	Introduction to Fiber Arts	3
Total Major Units		24
Total Degree Units		60

Program Level Student Learning Outcomes:

1. Through the creation of works of art explore and express personal creativity.
2. Through group and individual critiques, verbally articulate elements and principles governing visual arts.
3. By completing portfolio requirements, create objects of art employing a variety of materials and techniques.
4. Through the creation of individual works of art that have personal importance and by viewing and critiquing other students work, describe the relativity of the arts in individual lives and culture as a whole.

Career Opportunities in ART

Careers in Art are numerous and varied, including professional artists, teachers, graphic designers, illustrators, photographers, fashion and interior design, advertising and more.

Revised Programs

Associate Degree for Transfer requirements pursuant to SB 1440:

- 60 semester or 90 quarter CSU-transferable units.
- the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
- obtainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

BIOLOGICAL SCIENCE

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Rachel Donham • 707.468.3169

Brianna Zuber • 707.468.3124

Degrees

A.S.-T Biology

ASSOCIATE IN SCIENCE IN BIOLOGY FOR TRANSFER

Biology is the scientific exploration of life. It allows students to study organisms from the molecular level to the communities in which they live. The program provides a foundation for further study in the life sciences and related fields of study, which includes, but is not limited to, medicine, dentistry, epidemiology, toxicology, genetics, microbiology, bioinformatics, botany, zoology, and ecology. If you are curious about how life works and have a passion for helping and protecting all living things, consider a career in biology. The Associate in Science in Biology for Transfer is designed to prepare students for a seamless transfer into the CSU system to complete a baccalaureate degree in Biology or similar major. Priority admission with junior status to the CSU system will be granted. Students completing this degree are exempt from Mendocino College Institutional Requirements. Students pursuing this degree may follow either the CSU GE for STEM pattern or the IGETC for STEM pattern.

Required Courses – Major:

		Units
BIO 250	Cell and Molecular Biology	4
BIO 255	Botany, Plant Diversity, and Ecology	4
BIO 257	Zoology, Animal Diversity and Evolution	4
CHM 250	General Chemistry I	5
CHM 251	General Chemistry II	5
MTH 210	Calculus and Analytic Geometry I	5
or MTH 230	Calculus for Business and Economics	<u>4</u>
PHY 210	General Physics I	4
& PHY 211	General Physics II	4
or		
PHY 220	Physics for Scientists and Engineers I	4
& PHY 221	Physics for Scientists and Engineers II	4

Total Major Units**34 - 35****Total Degree Units****60****Program Level Student Learning Outcomes:**

1. Analyze major biological concepts and discriminate how these concepts are connected within various areas of the biological and physical sciences.
2. Apply scientific methodology in the form of designing and conducting experiments and evaluating hypotheses.
3. Collect data through use of laboratory techniques that include, but are not limited to, light microscopy, gel electrophoresis, spectrophotometry, and demonstrate appropriate lab safety.

Career Opportunities in BIOLOGY

Students who complete a baccalaureate degree in Biology or a similar major may be hired in the major or allied fields of medicine, dentistry, epidemiology, toxicology, genetics, microbiology, bioinformatics, botany, zoology, and ecology.

Associate Degree for Transfer requirements pursuant to SB 1440:

- 60 semester or 90 quarter CSU-transferable units.
- the Intersegmental General Education Transfer Curriculum (IGETC) for STEM pattern.
- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
- obtainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

BUSINESS

Julie Finnegan • 707.468.3134
Steve Hixenbaugh • 707.468.3220

Degrees

A.S.-T Business Administration

ASSOCIATE IN SCIENCE IN BUSINESS ADMINISTRATION FOR TRANSFER

Business Administration prepares students for the complex decision-making of the business environment. This program includes coursework that is essential for entry-level positions and enhances the skills and knowledge base of those who are seeking career progression and/or transfer to a university. The Associate in Science in Business Administration for Transfer is designed to prepare students for a seamless transfer into the CSU system to complete a baccalaureate degree in Business Administration or similar major. Priority admission with junior status to the CSU system will be granted. Students completing this degree are exempt from Mendocino College Institutional Requirements.

Required Courses - Major:		Units
BUS 200	Financial Accounting	4
BUS 201	Managerial Accounting	4
BUS 212	The Legal Environment of Business	3
ECO 200	Principles of Macroeconomics	3
ECO 201	Principles of Microeconomics	3
Plus 4 additional units selected from the following:		Units
MTH 220	Statistics	4
MTH 230	Calculus for Business and Economics	<u>4</u>
Plus 6 additional units selected from the following or any course not used above:		Units
BUS 230	Introduction to Business	3
CSC 201	Computers and Computer Applications	3
Total Major Units		<u>27</u>
Total Degree Units		60

Program Level Student Learning Outcomes:

1. Transfer successfully to university as a Business Administration major.
2. Demonstrate a broad exposure to general education topics that complement the Business Administration major.
3. Demonstrate a clear understanding of complex nature of business management in a diverse global economy and financial system.
4. Communicate verbally, and in writing, the knowledge of business management principles and vocabulary in the various business organizations.
5. Demonstrate critical thinking, decision making, and communication skills in the business environment.

Career Opportunities in BUSINESS ADMINISTRATION

Completing the baccalaureate degree or graduate level work can lead to a variety of opportunities in business administration. Students completing a business baccalaureate program may be hired in the fields of accounting, finance, marketing, and management. Students may be hired for entry level positions in public and private accounting firms, capital investment firms, retail and commercial banks, sales and marketing departments, real estate companies, human resource departments, and other business administrative capacities.

Associate Degree for Transfer requirements pursuant to SB 1440:

- 60 semester or 90 quarter CSU-transferable units.
- the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
- obtainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

EARTH SCIENCE

Steve Cardimona • 707.468.3219

Degrees

A.S. Earth Science

EARTH SCIENCE ASSOCIATE OF SCIENCE

The Earth Science Associate of Science degree at Mendocino College reflects the many opportunities of this broad field, offering a suite of courses to prepare students with a sound physical science background via the application of scientific principles, problem solving techniques and critical thinking, with an emphasis on hands-on, experiential learning. Students will study the relationships among geographic places, natural systems and resources, and society, as applied to understanding the earth's history, evolution, our changing climate, and earth resources. Students can obtain the associate degree and build their knowledge base and resume for employment or transfer to a four-year institution to further their studies. As with all degree programs, students who intend to transfer to a four-year institution should research the transfer institution's requirements and plan to complete with the CSU GE Breadth pattern or IGETC GE pattern. Please check with a counselor for more specific transfer information.

Required Courses - Major:		Units
CHM 250	General Chemistry I	5
GEL 201	Geology	3
GEL 201L	Geology Laboratory	1
MTH 210	Calculus and Analytic Geometry I	5
or MTH 230	Calculus for Business and Economics	<u>4</u>
MTH 220	Statistics	4
Plus 12-13 additional units selected from the following:		Units
AGR 108	Soils and Fertility Management	3
CHM 251	General Chemistry II	5
EAS 210	Geology of California	4
EAS 211	Weather and Climate	3
EAS 212	Introduction to Geographic Information Systems	3
GEL 203	Earth History	3
GEL 203L	Earth History Laboratory	1
<u>GEO 201</u>	<u>Cultural Geography</u>	<u>3</u>
<u>GEO 202</u>	<u>World Regional Geography</u>	<u>3</u>
GEO 206	Physical Geography	4
MTH 211	Calculus and Analytic Geometry II	5
NRS 200	Environmental Science	3
NRS 200L	Environmental Science Laboratory	1
PHY 210	General Physics I	4
PHY 211	General Physics II	4
PHY 220	Physics for Scientists and Engineers I	4
PHY 221	Physics for Scientists and Engineers II	4
PHY 222	Physics for Scientists and Engineers III	4
Total Major Units		<u>29 - 31</u>
Total Degree Units		60

Program Level Student Learning Outcomes:

1. Experience problem solving and utilizing different techniques in analytic geometry as demonstrated by satisfactory completion of their first semester calculus class.
2. Experience applying different statistical analyses to address practical problems as demonstrated by satisfactory completion of a mathematical statistics class.
3. Experience in laboratory methods and applications of physical chemistry as demonstrated by satisfactory completion of a first semester chemistry class.
4. Exposure to, and gained knowledge of, basic concepts in geology and related physical science fields that have applications to the earth as demonstrated by satisfactory completion of their earth science elective coursework.

Revised Programs

Career Opportunities in EARTH SCIENCE

Completing the Earth Science Associate of Science degree can lead to a variety of opportunities. As a branch of disciplines within STEM (Science, Technology, Engineering, Mathematics), Earth Science is a broad field offering personal satisfaction working on practical problems that are important for our modern society. Obtain the associates degree or tailor a transfer program in order to find employment in a broad spectrum of jobs including but not limited to hydrologist, geologist, geographer, urban planner, park ranger, planetary exploration scientist, environmental scientist, and alternative energy or pollution remediation contractor.

ECONOMICS

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Degrees

A.A.-T Economics

ASSOCIATE IN ARTS IN ECONOMICS 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 explores the principles of economic decision-making as it relates to the individual, firm, industry, government and entire society. The program's required coursework develops critical thinking and analytical skills in anticipation of the intermediate theoretical coursework of a 4-year economics degree. 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. Priority admission with junior status to the CSU system will be granted. Students completing this degree are exempt from Mendocino College Institutional Requirements.

Required Courses – Major:		Units
ECO 200	Principles of Macroeconomics	3
ECO 201	Principles of Microeconomics	3
MTH 210	Calculus and Analytic Geometry I	5
or MTH 230	Calculus for Business and Economics	<u>4</u>
MTH 220	Statistics	4
Plus 4-5 additional units selected from the following:		Units
BUS 200	Financial Accounting	4
BUS 201	Managerial Accounting	4
MTH 211	Calculus and Analytic Geometry II	5
Plus 4-5 additional units selected from the following or any course not used above:		Units
MTH 212	Calculus and Analytic Geometry III	5
MTH 214	Linear Algebra	4
Total Major Units		<u>22 - 25</u>
Total Degree Units		60

Program Level Student Learning Outcomes:

1. Use macroeconomic indicators to assess unemployment, inflation, taxation, economic growth and trade.
2. Assess the decision-making behavior of individuals, businesses, and government entities using microeconomic principles.
3. Use quantitative analysis to describe the dynamics of the basic economic models of supply and demand.

Career Opportunities: ECONOMICS

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.

Associate Degree for Transfer requirements pursuant to SB 1440:

- 60 semester or 90 quarter CSU-transferable units.
- the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
- obtainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

ENGLISH

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Jaime Cechin • 707.468.3140

Jason Davis • 707.467.1050

Vincent Poturica • 707.468.3123

John Rall • 707.468.3018

Bart Rawlinson • 707.468.3049

Degrees

A.A.-T English

ASSOCIATE IN ARTS IN ENGLISH FOR TRANSFER

The English major prepares students with the reading, writing, and critical and creative thinking skills required for university level study of literature, composition, and related disciplines in the social sciences, humanities, and business, among others. Students develop effective communication skills by exploring the relationship between reading and writing as a means of connecting to and better understanding our world. The Associate in Arts in English for Transfer is designed to prepare students for a transfer into the CSU system to complete a baccalaureate degree in English or similar major. Priority admission with junior status to the CSU system will be granted. Students completing this degree are exempt from Mendocino College Institutional Requirements. Please check with a counselor for more specific transfer information.

Required Courses - Major:

		Units
ENG 201	Critical Thinking through Literature	4
ENG 245	American Literature I	3
ENG 246	American Literature II	3

Plus 6 additional units selected from the following:

		Units
ENG 210	Creative Writing	3
ENG 225	Introduction to Shakespeare	3
ENG 250	World Literature	3
ENG 265	Introduction to California Literature	3
ENG 270	Children's Literature	3

Plus 3 additional units selected from the following:

		Units
ASL 200	Elementary American Sign Language: Level I	3
ASL 201	Elementary American Sign Language: Level II	3
ENG 205	Critical Thinking	3
SPN 200	Elementary Spanish: Level I	4
SPN 201	Elementary Spanish: Level II	4
SPN 202	Intermediate Spanish: Level I	4
SPN 210	Spanish for Spanish Speakers: Level I	4
SPN 211	Spanish for Spanish Speakers: Level II	4
THE 200	Introduction to Theatre	3

Total Major Units**19 - 20****Total Degree Units****60****Program Level Student Learning Outcomes:**

1. Demonstrate proficiency in writing college-level essays in a variety of rhetorical modes; final drafts should include a clear, complex thesis statement, rigorous support, minimal sentence-level errors, logical organization, and consistent paragraph unity.
2. Demonstrate the ability to analyze and construct clear and well-supported interpretations of literary texts.
3. Distinguish elements of fiction such as plot, theme, character and setting and apply this knowledge to the works of major authors.
4. Demonstrate skills in elementary inductive and deductive reasoning, and identify basic formal and informal fallacies of language and thought.
5. Demonstrate the ability to cite sources using MLA or APA style.

Revised Programs

Career Opportunities in ENGLISH

Career opportunities include the field of education such as teaching, and educational administration; the field of media such as social media management, video game development, and web content creation; the field of writing such as technical writing, copywriting, freelance writing, playwriting, novel writing, editing, and journalism; the field of business such as investor relations, marketing and sales, advertising, and public relations. An English major is a solid basis for many Bachelor programs that could also lead to law and business schools and other graduate programs.

Associate Degree for Transfer requirements pursuant to SB 1440:

- 60 semester or 90 quarter CSU-transferable units.
- the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
- obtainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

ETHNIC STUDIES

Vivian Varela • 707.467.1024

Degrees

A.A.-T Social Justice Studies for Transfer (Ethnic Studies)
 A.A.-T Social Justice Studies for Transfer (General Studies)
 A.A. Ethnic Studies

ASSOCIATE IN ARTS IN SOCIAL JUSTICE STUDIES FOR TRANSFER (ETHNIC STUDIES)

Social Justice Studies (Ethnic Studies) is an interdisciplinary program with a focus on equity and social change. The Associate in Arts in Social Justice Studies for Transfer (Ethnic Studies) (AA-T) degree at Mendocino College prepares students for seamless transfer into Ethnic Studies, Social Justice Studies, and related majors in the CSU system. Students who choose to major in Social Justice Studies and related fields have a wide range of career options: activists, community organizers, public policy analysts, conflict resolution specialists, human relations workers, NGO workers, human rights groups, political campaigners, workers in environmental organizations, alternative media, human rights groups, political campaigns, religious organizations, international agencies, mediators, rights advocates, journalists, lobbyists, and community organizers. Most careers require more than an Associate degree.

Required Courses – Major:		Units
ETH 202	Racial and Ethnic Relations	3
ETH 235	Mexican American Culture	3
SOC 203	Introduction to LGBT Studies	3
Plus 9 additional units selected from at least two of the following areas:		Units
Area 1: History or Government		
HST 207	Mexican American History	3
HST 209	African American History	3
HST 222	Native American History	3
Area 2: Arts and Humanities		
ART 206	Introduction to Native American Art	3
MUS 208	Music in World Culture	3
Area 3: Social Science		
ETH 241	Pacific Coast Indian Cultures	3
POL 205	Native American and Federal Indian Policy	3
SOC 200	Introduction to Sociology	3
SOC 201	Social Problems	3
Area 4: Quantitative Reasoning and Research Methods		
MTH 220	Statistics	4
SOC 206	Introduction to Research Methods in Sociology	3
Total Major Units		18 - 19
Total Degree Units		60

Program Level Student Learning Outcomes:

1. Evaluate and critically analyze social and environmental justice efforts/practices that address inequalities in communities and environments.
2. Establish conceptual linkages between empirical data and theoretical concepts.
3. Demonstrate reflexivity and praxis from varying frameworks of justice.

Career Opportunities in SOCIAL JUSTICE STUDIES

Students who choose to major in Social Justice Studies and related fields have a wide range of career options: activists, community organizers, public policy analysts, conflict resolution specialists, human relations workers, NGO workers, human rights groups, political campaigners, workers in environmental organizations, alternative media, human rights groups, political campaigns, religious organizations, international agencies, mediators, rights advocates, journalists, lobbyists, and community organizers. Most careers require more than an Associate degree.

Revised Programs

Associate Degree for Transfer requirements pursuant to SB 1440:

- 60 semester or 90 quarter CSU-transferable units.
- the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
- obtainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

ASSOCIATE IN ARTS IN SOCIAL JUSTICE STUDIES FOR TRANSFER (GENERAL STUDIES)

Social Justice Studies is an interdisciplinary program with a focus on equity and social change. The Associate in Arts in Social Justice Studies for Transfer (AA-T) degree at Mendocino College prepares students for seamless transfer into Ethnic Studies, Gender Studies, Social Justice Studies, and related majors in the CSU system. Students who choose to major in Social Justice Studies and related fields have a wide range of career options: activists, community organizers, public policy analysts, conflict resolution specialists, human relations workers, NGO workers, human rights groups, political campaigners, workers in environmental organizations, alternative media, human rights groups, political campaigns, religious organizations, international agencies, mediators, rights advocates, journalists, lobbyists, and community organizers. Most careers require more than an Associate degree.

Required Courses – Major:		Units
ETH 235	Mexican American Culture	3
SOC 200	Introduction to Sociology	3
SOC 203	Introduction to LGBT Studies	3
Plus 9 additional units selected from at least two of the following areas:		Units
Area 1: History or Government		
HST 207	Mexican American History	3
HST 208	Women in American History	3
HST 222	Native American History	3
Area 2: Social Science		
COM 211	Intercultural Communication	3
SOC 201	Social Problems	3
Area 3: Quantitative Reasoning and Research Methods		
MTH 220	Statistics	4
SOC 206	Introduction to Research Methods in Sociology	3
Total Major Units		18 - 19
Total Degree Units		60

Program Level Student Learning Outcomes:

1. Evaluate and critically analyze social and environmental justice efforts/practices that address inequalities in communities and environments.
2. Establish conceptual linkages between empirical data and theoretical concepts.
3. Demonstrate reflexivity and praxis from varying frameworks of justice.

Career Opportunities in SOCIAL JUSTICE STUDIES

Students who choose to major in Social Justice Studies and related fields have a wide range of career options: activists, community organizers, public policy analysts, conflict resolution specialists, human relations workers, NGO workers, human rights groups, political campaigners, workers in environmental organizations, alternative media, human rights groups, political campaigns, religious organizations, international agencies, mediators, rights advocates, journalists, lobbyists, and community organizers. Most careers require more than an Associate degree.

Revised Programs

Associate Degree for Transfer requirements pursuant to SB 1440:

- 60 semester or 90 quarter CSU-transferable units.
- the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
- obtainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

ETHNIC STUDIES ASSOCIATE OF ARTS

Ethnic Studies major leads to the Associate of Arts degree and prepares the student for transfer to a four-year institution. Students completing the baccalaureate program or graduate work may be prepared for careers in bilingual education, social work, business, and community and government service. As with all programs, students who intend to transfer to a four-year institution should research the transfer institution's requirements and plan to complete the CSU GE Breadth pattern or IGETC GE pattern.

Required Courses – Major:		Units
ANT 201	Cultural Anthropology	3
<u>ETH 202</u>	<u>Racial and Ethnic Relations</u>	<u>3</u>
<u>ETH 235</u>	<u>Mexican American Culture</u>	<u>3</u>
<u>ETH 241</u>	<u>Pacific Coast Indian Cultures</u>	<u>3</u>
Plus 6 additional units selected from the following:		Units
ANT 200	Physical Anthropology	3
HST 220	Mexican History	3
SOC 200	Introduction to Sociology	3
Total Major Units		18
Total Degree Units		60

Program Level Student Learning Outcomes:

1. Demonstrate knowledge of the basic elements of culture, including understanding the theory and methods used in their identification and assessment.
2. Articulate the basic concepts and theoretical perspectives of racial and ethnic relations.
3. Analyze the similarities and differences among the major ethnic and racial groups in the United States.
4. Analyze racial and ethnic relations using sociological theories, literature, and current events.
5. Identify the unique mixture of First Nation and European cultures that have combined to form Mexican American Culture.
6. Distinguish the different spiritual and faith paths and their impact in shaping Mexican American culture.
7. Demonstrate a basic understanding of the material and social cultures of Native people of Northern California including cosmologies, mythologies and languages.
8. Explain the relationship between California tribes and the environment and geography of California.

GEOLOGY

Steve Cardimona • 707.468.3219

Degrees

A.S.-T Geology

ASSOCIATE IN SCIENCE IN GEOLOGY FOR TRANSFER

The Associate in Science in Geology for Transfer degree is designed to prepare students for a seamless transfer into the CSU system to complete a baccalaureate degree in Geology. Students will gain physical science and mathematical skills applied to understanding the earth's history, geologic resources and our changing climate in order to study the relationships among geographic places, natural systems, earth resources and society. Geology students learn about and apply scientific principles, problem solving techniques and critical thinking, with an emphasis on hands-on, experiential learning. Priority admission with junior status to the CSU system will be granted. Students completing this degree are exempt from Mendocino College Institutional Requirements and should plan to complete the CSU GE Breadth pattern. Please check with a counselor for more specific transfer information.

Required Courses – Major:

		Units
CHM 250	General Chemistry I	5
CHM 251	General Chemistry II	5
GEL 201	Geology	3
GEL 201L	Geology Laboratory	1
GEL 203	Earth History	3
GEL 203L	Earth History Laboratory	1
MTH 210	Calculus and Analytic Geometry I	5
MTH 211	Calculus and Analytic Geometry II	5

Total Major Units**28****Total Degree Units****60****Program Level Student Learning Outcomes:**

1. Experience problem solving and utilizing different techniques in analytic geometry as demonstrated by satisfactory completion of two semesters of calculus.
2. Experience in laboratory methods and applications of chemistry as demonstrated by satisfactory completion of two semesters of general chemistry.
3. Exposure to, and gained knowledge of, basic concepts in geology as demonstrated by satisfactory completion of their physical and historical geology coursework.

Career Opportunities in GEOLOGY

Completing the Associate in Science in Geology for Transfer degree can lead to a variety of opportunities. Geology is a STEM (Science, Technology, Engineering, Mathematics) field offering countless personal and professional opportunities to work on practical problems that are important for modern society. Careers for a geologist include a broad spectrum of possibilities from resource management to natural hazards assessment and mitigation, including but not limited to working as a hydrogeologist, geophysicist, environmental scientist, oceanographer, planetary scientist and meteorologist.

Associate Degree for Transfer requirements pursuant to SB 1440:

- 60 semester or 90 quarter CSU-transferable units.
- the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
- obtainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

HEALTH SCIENCES

Greg Hicks • 707.468.3133

Degrees

A.S. Allied Health

A.S. Health Sciences

ALLIED HEALTH ASSOCIATE OF SCIENCE

The Allied Health major is designed for students who plan to transfer to a community college allied health occupation program, such as Dental Hygiene, Physical Therapist Assistant, Radiologic Technology, Registered Nurse, or Respiratory Therapy. Students who plan to apply to a specific allied health occupation program at a community college must first complete a set of prerequisite courses. Students who complete the prerequisites for one of these programs will almost invariably complete this major in the process. Prerequisites can vary slightly from one school to another or may change from one year to the next, so students should check with the targeted school for the current prerequisites needed. Please check with a Mendocino College counselor for additional information about preparing to apply to a specific health occupation program. As with all programs, students who intend to transfer to a four-year institution should research the transfer institution's requirements and plan to complete the CSU GE Breadth pattern or IGETC GE pattern.

Required Courses – Major

BIO 230	Human Anatomy	5
BIO 231	Human Physiology	5

Plus 9 additional units selected from the following:

		Units
BIO 202	Human Biology	3
BIO 259	Microbiology	5
CED 196	Occupational Work Experience Education	1 - 2
CHM 200	Introduction to Chemistry	5
COM 211	Intercultural Communication	3
CSC 201	Computers and Computer Applications	3
HLH 214	Foods and Nutrition	3
HLH 215	Therapeutic Nutrition	3
PSY 205	Introductory Psychology	3
PSY 210	Life Span Developmental Psychology	3
PSY 215	Psychology of Personal Growth	3
PSY 216	Social Psychology	3

Total Units	19
Total Degree Units	60

Program Level Student Learning Outcomes:

1. Demonstrate critical thinking skills in interpreting scientific data.
2. Describe and explain structure and function of the various organ systems of the body.
3. Work safely and effectively in a laboratory setting.
4. Employ modern microbiological laboratory techniques to effectively isolate individual pathogens.
5. Apply formulas and/or dimensional analysis to solve word problems involving concepts in chemistry.

Career Opportunities in ALLIED HEALTH

Completing the Allied Health Associate of Science degree can lead to a variety of opportunities in the allied health field. Students who complete the prerequisites and other admission requirements, can apply to a specific community college allied health program. Graduation from one of these programs leads to a career as a Dental Hygienist, Diagnostic Medical Sonographer, Physical Therapist Assistant, Radiologic Technologist, Registered Nurse, or Respiratory Therapist, depending on the program. There are numerous career opportunities in the allied health field. Some require less training than this and some that require more. Please check with a Mendocino College counselor for more information about allied health careers.

Revised Programs

HEALTH SCIENCES ASSOCIATE OF SCIENCE

Health Science is an interdisciplinary field that encompasses the study of biology, chemistry, epidemiology, kinesiology, natural science, nutrition, psychology, public health, research design, and statistics. It focuses on health-related issues, interventions, and outcomes. Health science programs often combine laboratory science courses with classes that are critical for understanding both individual and population health from a variety of perspectives. The Health Sciences Associate of Science degree is designed for students who wish to transfer to a four-year college or university to pursue a Baccalaureate or Master's degree in a health profession such as medical technology, nutrition, medicine, dentistry, pharmacy, physical therapy, veterinary science, etc. The lower division core requirements are similar from school to school, but the general education and institutional requirements for graduation can vary. As with all programs, students who intend to transfer to a four-year institution should research the transfer institution's requirements and plan to complete the CSU GE Breadth pattern or IGETC GE pattern. Please check with a counselor for more specific transfer information.

Required Courses - Major:

		Units
BIO 231	Human Physiology	5
BIO 250	Cell and Molecular Biology	4
CHM 250	General Chemistry I	5
CHM 251	General Chemistry II	5
MTH 220	Statistics	4

Plus 5 additional units selected from the following:

		Units
BIO 230	Human Anatomy	5
BIO 259	Microbiology	5
CHM 255	Organic Chemistry I	5

Total Major Units

28

Total Degree Units

60

Program Level Student Learning Outcomes:

1. Enhance their respective levels of: physical, mental, social, intellectual, spiritual, and environmental health through the examination and application of various health and wellness concepts.

Career Opportunities in HEALTH SCIENCE

Completing the Health Sciences Associate of Science degree can lead to a variety of opportunities. A degree in health science is applicable to a large variety of health professions such as behavioral analyst, certified nursing assistant, community health or public health worker, dentist, dental hygienist, dietitian assistant, epidemiologist, forensic public health specialist/forensic epidemiologist, hearing aid specialist, health educator, mental health counselor, patient care advocate, pharmacy sales representative, physician, physician assistant, physical or occupational therapist, psychiatric technician, registered diagnostic medical sonographer, registered nurse, registered radiologic technologist, research assistant or associate, and registered dietitian. Many of these occupations will require clinical training and graduate education beyond a Health Science Associate of Science degree.

HISTORY

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Degrees

A.A.-T History

ASSOCIATE IN ARTS IN HISTORY FOR TRANSFER

The study of history fosters an understanding of ourselves and our world through the study of the past, both remote and recent, local and geographically distant. In so doing it equips students with cultural literacy and promotes critical thinking and the formation of well-informed perspectives on today's world. It also offers fundamental preparation for careers in business, government, teaching, and professional fields. This degree provides a clearly articulated curricular track for students who wish to transfer to a CSU, while exposing students to the core principles and practices of the study of history in order to build a foundation for their future academic path. The Associate in Arts in History for Transfer is designed to prepare students for a seamless transfer into the CSU system to complete a baccalaureate degree in History or similar major. Priority admission with junior status to the CSU system will be granted. Students completing this degree are exempt from Mendocino College Institutional Requirements.

Required Courses – Major:		Units
HST 202	The United States to 1877	3
HST 203	The United States Since 1865	3
Plus 6 additional units selected from the following:		Units
HST 200	History of Western Civilization I	3
or HST 205	World History to 1500	3
HST 201	History of Western Civilization II	3
or HST 206	World History Since 1500	3
Plus 3 additional units selected from the following:		Units
ETH 202	Racial and Ethnic Relations	3
ETH 235	Mexican American Culture	3
ETH 241	Pacific Coast Indian Cultures	3
HST 207	Mexican American History	3
HST 208	Women in American History	3
HST 209	African American History	3
HST 220	Mexican History	3
HST 222	Native American History	3
POL 205	Native Americans and Federal Indian Policy	3
Plus 3 additional units selected from the following courses not previously used:		Units
ANT 201	Cultural Anthropology	3
ETH 202	Racial and Ethnic Relations	3
ETH 235	Mexican American Culture	3
ETH 241	Pacific Coast Indian Cultures	3
HST 221	California History	3
HST 250	Contemporary America: The People and the Issues	3
POL 200	American Government and Politics	3
POL 201	Comparative Politics	3
POL 203	International Relations	3
POL 205	Native Americans and Federal Indian Policy	3
SOC 201	Social Problems	3
Total Major Units		18
Total Degree Units		60

Program Level Student Learning Outcomes:

1. Create, organize, and support an historical argument in written and/or oral presentation.
2. Demonstrate the ability to reconstruct the past through inquiry, research, critical thinking and problem solving, making use of both primary and secondary sources.
3. Identify and evaluate multiple perspectives and approaches to historical understanding.
4. Identify and describe historically important people, events, problems, and periods.

Revised Programs

Career Opportunities in HISTORY

Completing the baccalaureate degree or graduate level work can lead to a variety of opportunities such as educator, researcher, writer, editor, archivist, information manager, non-profit or government employee, foreign service officer, or a variety of positions within the legal field.

Associate Degree for Transfer requirements pursuant to SB 1440:

- 60 semester or 90 quarter CSU-transferable units.
- the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
- obtainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

HUMAN SERVICES

Office of Instruction • 707.468.3002

Certificate of Achievement

Human Service Worker
Human Services Paraprofessional

HUMAN SERVICES PARAPROFESSIONAL CERTIFICATE OF ACHIEVEMENT

The Human Service Paraprofessional Certificate of Achievement (HUS-P) program prepares students for employment in human service agencies (Social Services; Mental Health, Public Health and Community-Based Organizations). The Program provides students with the knowledge and skills to fulfill Human Service Paraprofessional duties and responsibilities in a competent and ethical manner, with an understanding of and sensitivity to the diverse populations which they will serve.

Human Service Paraprofessionals are non-professional employees who provide services under the supervision of certified and/or licensed counselors, social workers, nurses, and/or other professionals. Human Service Paraprofessionals may be members of a team or work with little direct supervision. Typical duties include: determining clients' needs and referring them to appropriate services; assisting clients in the application for benefits and other social programs; co-facilitating individual, family and group counseling sessions; developing treatment or case plans and monitoring clients' progress in fulfilling the plans; providing training in daily living skills; advocating for clients before social and government agencies; and maintaining case records and reports.

Employers prefer to hire Human Service Paraprofessionals who have completed post-secondary certificate training and who have some on-the-job experience, such as that provided by Cooperative Work Experience Education or an internship class. This program meets these employer needs, and gives students a clear employment advantage over untrained, inexperienced job applicants.

For many, the HUS-P program will be the beginning of a career and academic path. Students seeking immediate employment can complete the Certificate Program, and then complete General Education requirements for the Human Service Associate of Science Degree while working. Students who wish to continue their education in Human Services-related disciplines at four-year colleges will have the ability to work in fields akin to their academic studies, and this work experience will add meaning, purpose and direction to their college coursework.

Required Courses:

		Units
HUS 101	Introduction to the Helping Profession	3
or HUS 170	Introduction to Social Work	3
or AOD 151	Alcohol and Other Drugs: Overview	3
HUS 103	Field Placement and Practicum Seminar	1.5
or AOD 164	Field Placement and Practicum Seminar I	1.5
HUS 152	Basic Skills for Human Service Workers	3
HUS 154	Fundamentals of Interviewing and Counseling	3
HUS 156	Case Management and Documentation	3
HUS 160	Law, Ethics and Human Services	2
HUS 197A	Human Service Worker Practicum	2 - 8
or AOD 197A	Alcohol and Other Drug Studies Program Practicum	2 - 8

Plus 18 additional units selected from the following:

		Units
ADJ 200	Introduction to Administration of Justice	3
ADJ 204	Community Relations	3
AOD 166	Marijuana: An Overview	2
CDV 180	Child, Family, and Community	3
CDV 202	Multi-Cultural Perspective	3
CED 196	Occupational Work Experience Education	1 - 8
COM 211	Intercultural Communication	3
ETH 202	Racial and Ethnic Relations	3
ETH 235	Mexican American Culture	3
ETH 241	Pacific Coast Indian Cultures	3
HST 207	Mexican American History	3
HST 208	Women in American History	3

Revised Programs

HST 209	African American History	3
HST 222	Native American History	3
HUS 155	Group Leadership and Group Process	3
HUS 157	Dual Disorders and Mental Health Issues	2
HUS 159	Intervention Theory and Techniques	1.5
HUS 161	Introduction to Family Counseling Approaches	3
HUS 162	Community Prevention Theory and Practice	3
HUS 163	Professional Competency and Growth	2
HUS 171	Working with Transition Age Youth	2
HUS 172	Working in Tribal Communities	3
HUS 173	Mindfulness Practice in Human Services	3
PSY 208	The Psychology for Loss and Death	3
PSY 215	Psychology of Personal Growth	3
PSY 216	Social Psychology	3
SOC 210	Marriage and Family Relations	3

Total units required for Certificate

35.5 – 41.5

Program Level Student Learning Outcomes:

1. Perform essential, entry-level human service paraprofessional tasks in a competent and ethical manner, with an understanding of and sensitivity to diverse populations.
2. Describe and analyze the principles and key concepts underlying human service-related occupations.
3. Communicate effectively and professionally, verbally and in writing, with co-workers, supervisors and clients.
4. Analyze the historical and contemporary role human service-related occupations play in their communities and society at large.

HUMAN SERVICE WORKER CERTIFICATE OF ACHIEVEMENT

The Human Service Worker Program provides students with the knowledge and skills to perform essential, entry-level Human Service Worker tasks in a competent and ethical manner, with an understanding of and sensitivity to the diverse populations which they will serve.

Human Service Workers are non-professional, entry-level workers who provide services to clients under the supervision of counselors, social workers, nurses, and/or other professionals. Human Service Workers may be members of a team to work with little direct supervision. Typical duties include: determining and referring to appropriate human service agencies; assisting in the application for benefits and other social programs; providing transportation; providing training in daily living skills; co-facilitating individual, family and group counseling sessions; advocating for clients before social and government agencies; and maintaining case records and reports.

Employers prefer potential Human Service Worker programs to have completed post-secondary certificate training (usually a minimum of 12-18 units at a community college or occupational training program) and who have some on-the-job experience, such as is provided by cooperative work experience or an internship class. This program meets these employer needs, and gives students a clear employment advantage over untrained, inexperienced job applicants.

The Human Service Worker program is, for many, a first step on a career path. It is an important step in an academic path, as well. Many of the courses in the Human Service Worker program may be applied to the Human Services Paraprofessional (HUS-P) and/or the Alcohol and other Drug Studies (AODS) Certificate and Degree programs for those students who want to continue with more advanced study, and who are interested in seeking more complex and challenging employment opportunities. Students who receive their Human Service Worker Certificate can continue their studies in the HUS-P or AODS certificate or degree programs while employed.

Required Courses:

	Units
HUS 101	3
or HUS 170	3
or AOD 151	3
HUS 103	1.5
or AOD 164	1.5
HUS 152	3
HUS 154	3
HUS 156	3
HUS 197A	2 - 8

Revised Programs

or AOD 197A	Alcohol and Other Drug Studies Program Practicum	2 - 8
Plus 6 additional units from the following:		Units
ADJ 200	Introduction to Administration of Justice	3
ADJ 204	Community Relations	3
AOD 166	Marijuana: An Overview	2
CDV 140	Working with School-Aged Children and Youth	3
CDV 202	Multi-Cultural Perspective	3
CED 196	Occupational Work Experience Education	1 - 8
COM 211	Intercultural Communication	3
ETH 202	Racial and Ethnic Relations	3
ETH 235	Mexican American Culture	3
ETH 241	Pacific Coast Indian Cultures	3
HUS 155	Group Leadership and Group Process	3
HUS 157	Dual Disorders and Mental Health Issues	2
HUS 161	Introduction to Family Counseling Approaches	3
HUS 163	Professional Competency and Growth	2
HUS 171	Working with Transition Age Youth	2
HUS 172	Working in Tribal Communities	3
HUS 173	Mindfulness Practice in Human Services	3
PSY 208	The Psychology for Loss and Death	3
PSY 215	Psychology of Personal Growth	3
PSY 218	Abnormal Psychology	3
SOC 210	Marriage and Family Relations	3

Total units required for Certificate

21.5 – 27.5

Program Level Student Learning Outcomes:

1. Use verbal and writing skills to effectively and professionally communicate with co-workers, supervisors and clients.
2. Accurately describe and analyze the historical and contemporary role of behavioral health-related occupations in their communities and society at large.
3. Perform essential, entry-level behavioral health paraprofessional tasks in a competent and ethical manner, with an understanding of and sensitivity to the diverse populations which they will serve.
4. Describe and analyze the principles and key concepts underlying behavioral health-related occupations.

KINESIOLOGY

Sue Blundell • 707.468.3144

Degrees

A.A.-T Kinesiology

ASSOCIATE IN ARTS IN KINESIOLOGY FOR TRANSFER

Kinesiology is an academic discipline which involves the study of physical activity and its impact on health, society, and quality of life. Students completing the Associate in Arts in Kinesiology for Transfer degree will be provided with an integrated approach to the field that includes the biological, psychological, and social-humanistic perspectives. The Associate in Arts in Kinesiology for Transfer is designed to prepare students for a seamless transfer into the CSU system to complete a baccalaureate degree in Kinesiology or similar major. Priority admission with junior status to the CSU system will be granted. Students completing this degree are exempt from Mendocino College Institutional Requirements.

Required Courses – Major:	Units
BIO 230 Human Anatomy	5
BIO 231 Human Physiology	5
KIN 200 Introduction to Kinesiology	3
<i>Movement Based Courses* - Select a maximum of one (1) course from any three (3) of the following areas for a minimum of three (3) units: Combatives, Team Sports, Individual Sports, Fitness, or Dance:</i>	
Combatives:	
PES 273A Beginning Foil Fencing	1
PES 273B Intermediate Foil Fencing	1
PES 274A Self Defense	1
Team Sports:	
PES 208 Basketball	1
Individual Sport:	
PES 264A Tennis-Beginning	1
PES 264B Tennis-Intermediate	1
Fitness:	
PEF 202 Low Impact Fitness	1
PEF 216 Weight Training	1
Dance:	
THE 230A Contemporary Dance: Beginning	2
THE 244A Mexican Folkloric Dance: Beginning	1 - 2
Select two courses (minimum 6 units) from the following:	
BIO 202 Human Biology	3
CHM 250 General Chemistry I	5
EMS 202 First Aid, Emergency Care, and Cardiopulmonary Resuscitation	3
MTH 220 Statistics	4
PHY 210 General Physics I	4
or PHY 220 Physics for Scientists and Engineers I	4
Total Major Units	22 – 26
Total Degree Units	60

Program Level Student Learning Outcomes:

1. Identify and describe major concepts, theoretical principles, empirical findings, and historical and current trends in kinesiology.
2. Understand physical activity as it relates to the physiological responses and adaptations to exercise.
3. Apply critical thinking, writing, reading, oral communication, and quantitative and qualitative analysis to skill and movement-related questions.
4. Know, comprehend and apply scientific principles to movement, exercise and sport, including the demonstration of knowledge and skill in fitness, combative, individual sport, and team sport.
5. Students who complete the Associate in Arts in Kinesiology for Transfer degree will be eligible and prepared for admission (SB 1440 and Education Code 66746) to California State University system schools.

Revised Programs

Career Opportunities in KINESIOLOGY

Completing the baccalaureate degree or graduate level work can lead to a variety of opportunities such as physical education specialist, athletic trainer, kinesiologist, personal trainer, exercise physiologist, biomechanist, coach, athletic administrator, or sport psychologist.

Associate Degree for Transfer requirements pursuant to SB 1440:

- 60 semester or 90 quarter CSU-transferable units.
- the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
- obtainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

LIBERAL ARTS AND SCIENCES

Office of Instruction • 707.468.3002

Degrees

A.A. Liberal Arts and Sciences with an Emphasis in Native American Studies

A.A. Liberal Arts and Sciences with an Emphasis in Social Science

LIBERAL ARTS AND SCIENCES WITH AN EMPHASIS IN NATIVE AMERICAN STUDIES ASSOCIATE OF ARTS

Liberal Arts and Sciences with an emphasis in Native American Studies is designed to introduce students to the field. Students will study history and culture from a Native American perspective while improving their analytical skills. This program is designed to foster an appreciation of Native American heritage while also providing students with the tools to view both the Native American experience and the dominant culture critically. Upon completion of this degree, students will be prepared for entry-level positions in public institutions, non-profits, federal Indian law, tribal government, Native American education, or other organizations that require a good facility with college level reading and writing skills and critical and analytical thinking. The Liberal Arts and Sciences with an Emphasis consists of: 1) An Area of Emphasis consisting of a minimum of 18 units; 2) The Mendocino College 18 unit General Education requirements; 3) The remainder of the 60 required units for the degree in degree-applicable electives, including Institutional Requirements. This degree provides the maximum flexibility in program design leading to the Associate of Arts Degree.

Required Courses – Major:		Units
ART 206	Introduction to Native American Art	3
<u>ETH 241</u>	<u>Pacific Coast Indian Cultures</u>	<u>3</u>
HST 222	Native American History	3
Plus 9 additional units selected from the following:		Units
<u>ETH 202</u>	<u>Racial and Ethnic Relations</u>	<u>3</u>
HST 220	Mexican History	3
HST 221	California History	3
POL 205	Native Americans and Federal Indian Policy	3
Total Major Units		18
Total Degree Units		60

Program Level Student Learning Outcomes:

1. Make a critical argument about historical or current themes regarding Indian country, using appropriate research methods and college level writing skills.
2. Identify the culture and history of a variety of tribes.
3. Gain an understanding of the major cultural regions of the US from a Native American Art producing perspective.
4. Articulate a relationship between Native American history and the contemporary state of Native America.
5. Explain the historical and contemporary relationship between the U.S. Government, state and local governments and “domestic dependent sovereign nations”.
6. Analyze United States racial-ethnic relations through application of the major sociological and historical perspectives.
7. Identify theoretical causes and effects of prejudice, discrimination, tolerance, and acceptance in a multi-ethnic society.

LIBERAL ARTS AND SCIENCES WITH AN EMPHASIS IN SOCIAL SCIENCE ASSOCIATE OF ARTS

Liberal Arts and Sciences with an Emphasis in Social Science is designed for students who intend to earn an Associate Degree which surveys a breadth of academic offerings in the Social Sciences. This degree consists of: 1) An Area of Emphasis consisting of a minimum of 18 units; 2) The Mendocino College 18-unit General Education requirement; 3) The remainder of the 60 required units for the degree in degree-applicable electives, including Institutional Requirements. This degree provides the maximum flexibility in program design leading to the Associate of Arts Degree.

Required Courses - Major:

Choose 3 units from the following list of courses:

History		Units
HST 200	History of Western Civilization I	3
HST 201	History of Western Civilization II	3
HST 202	The United States to 1877	3
HST 203	The United States Since 1865	3

Choose 3 units from the following list of courses:

Political Science		Units
POL 200	American Government and Politics	3
POL 203	International Relations	3

Choose 6 units from the following list of courses:

Psychology, Society, and Culture		Units
CDV 200	Psychology of Development: Infancy through Adolescence	3
ECO 200	Principles of Macroeconomics	3
ECO 201	Principles of Microeconomics	3
ETH 202	Racial and Ethnic Relations	3
PSY 205	Introductory Psychology	3
PSY 210	Life Span Developmental Psychology	3
PSY 250	Research Methods for the Social Sciences	3
SOC 200	Introduction to Sociology	3

Plus 6 additional units selected from the following or any course not used above:		Units
ANT 201	Cultural Anthropology	3
HST 206	World History Since 1500	3
HST 221	California History	3
POL 202	Political Theory	3
PSY 216	Social Psychology	3
PSY 220	Psychology of Gender	3
SOC 201	Social Problems	3

Total Major Units	18
Total Degree Units	60

Program Level Student Learning Outcomes:

1. Distinguish different approaches to understanding and researching human behavior and social interactions, including both qualitative and quantitative methodologies.
2. Demonstrate effective use of Internet resources, electronic databases and other digital and traditional sources of social scientific information.
3. Describe and analyze the impact of major societal institutions that influence and are influenced by individual and group behavior; these may include governmental, religious, educational and economic structures.
4. Evaluate competing interpretations of historic or contemporary political issues or social problems.

MATHEMATICS

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Degrees

A.S.-T Mathematics

ASSOCIATE IN SCIENCE IN MATHEMATICS FOR TRANSFER

Mathematics is the language of science and is used to describe the real world as well as abstract concepts. It is the basis for all modern technological advances. The Associate in Science in Mathematics for Transfer is designed to prepare students for a seamless transfer into the CSU system to complete a baccalaureate degree in Mathematics or similar major. Priority admission with junior status to the CSU system will be granted. Students completing this degree are exempt from Mendocino College Institutional Requirements. Please check with a counselor for more specific transfer information.

Required Courses – Major:		Units
MTH 210	Calculus and Analytic Geometry I	5
MTH 211	Calculus and Analytic Geometry II	5
MTH 212	Calculus and Analytic Geometry III	5
Choose a minimum of 7 units from below with at least 3 units from Group A.		
Group A		Units
MTH 214	Linear Algebra	4
MTH 215	Differential Equations	3
Choose remaining units (if needed) from Group B.		
Group B		Units
MTH 220	Statistics	4
PHY 220	Physics for Scientists and Engineers I	4
Total Major Units		22 - 23
Total Degree Units		60

Program Level Student Learning Outcomes:

1. Distinguish and execute the rules of differentiation of functions of one or more independent variables.
2. Distinguish functions by type and successfully integrate them with one or more appropriate integration techniques.
3. Select appropriate order and limits of double and triple integrals in various coordinate systems.
4. Calculate and analyze the characteristic equation of a matrix to determine eigenvalues and eigenvectors, or distinguish and utilize various techniques to solve differential equations and systems of differential equations.
5. Model and solve application problems such as related rates, centers of mass, calculations of work along a curve, long-term behavior of difference equations, or analysis of spring-mass systems.

Career Opportunities in MATHEMATICS

A degree in Mathematics prepares students for careers in mathematics and science-related fields, such as: statistics, data science, statistical analysis, cryptanalysis, teaching, accounting, actuarial science, financial analysis, medicine, dentistry, biostatistics, genetics, bioinformatics, research, engineering, forensics, and cybersecurity.

Associate Degree for Transfer requirements pursuant to SB 1440:

- 60 semester or 90 quarter CSU-transferable units.
- the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
- obtainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

NATURAL RESOURCES

Steve Cardimona • 707.468.3219

Degrees

A.S. Natural Resources

NATURAL RESOURCES ASSOCIATE OF SCIENCE

The Natural Resources Associate of Science degree offers an introduction to the Earth's physical and life science systems through the application of scientific principles, problem solving techniques and critical thinking, with an emphasis on hands-on, experiential learning to address modern issues with our natural systems and society. Students will study relationships among natural systems, earth resources and society as applied to understanding biodiversity, our changing climate, and resource management. Students can use the Natural Resources Associate of Science degree to build their resume in support of finding their next local job, or it can prepare students for transfer to a four-year institution to major in environmental science or similar field. As with all degree programs, students who intend to transfer to a four-year institution should research the transfer institution's requirements and plan to complete the CSU GE Breadth pattern or IGETC GE pattern. Please check with a counselor for more specific transfer information.

Required Courses – Major:

		Units
BIO 250	Cell and Molecular Biology	4
BIO 255	Botany, Plant Diversity, and Ecology	4
BIO 257	Zoology, Animal Diversity, and Evolution	4
GEL 201	Geology	3
& GEL 201L	Geology Laboratory	1
or GEO 206	Physical Geography	4
NRS 200	Environmental Science	3
Total Major Units		19
Total Degree Units		60

Program Level Student Learning Outcomes:

1. Experience problem solving and utilizing different techniques in analytic geometry as demonstrated by satisfactory completion of their first semester calculus class.
2. Experience applying different statistical analyses to address practical problems as demonstrated by satisfactory completion of a mathematical statistics class.
3. Experience in laboratory methods and applications of physical chemistry as demonstrated by satisfactory completion of a first semester general chemistry class.
4. Exposure to, and gained knowledge of, basic concepts in geology and related physical science fields that have applications to the earth as demonstrated by satisfactory completion of their earth science elective coursework.

Career Opportunities in NATURAL RESOURCES

Completing the Natural Resources Associate of Science degree can lead to a variety of opportunities. As a STEM (Science, Technology, Engineering, Mathematics) discipline, the Natural Resources Associate of Science degree is in line with some of the most critical science topics for the 21st century. With a natural resources degree, career opportunities would include but not be limited to environmental scientist, ecologist, sustainable resource manager, park naturalist, and water or air quality scientist.

NURSING

Peggy Goebel - Interim Exec. Dean - Nursing Director • 707.468.3109

Heidi Crean - Assistant Director • 707.468.3017

Suzanne Hewitt - Assistant Director • 707.467.1025

Degrees

A.S. Registered Nurse

A.S. LVN to RN Career Ladder

Certificate of Achievement

LVN to RN

REGISTERED NURSE ASSOCIATE OF SCIENCE

The Registered Nursing Program is a two-year course of study consisting of both classroom and clinical training. Graduates of the program work as integral members of the healthcare team, providing care and educating clients across the lifespan. Graduates earn the Associate of Science degree and are eligible to sit for the State licensure exam (NCLEX-RN). Prospective students must first complete required prerequisites and general education requirements before entry to the program. Admission to the program is competitive. Initial screening is based on the CA Chancellor's Office Formula for Nursing Student Success which calculates an applicant's overall college GPA, English prerequisite GPA, and prerequisite sciences GPA. Applicants who achieve the minimum score using this formula are then chosen by a random computerized selection process (lottery). For further details on admission criteria, see the Mendocino College Nursing Department webpages.

Required Courses - Prerequisites

		Units
BIO 230	Human Anatomy	5
BIO 231	Human Physiology	5
BIO 259	Microbiology	5
ENG 200	College Composition	3

Plus 1 of the following Required Prerequisite Health Courses:

		Units
HLH 214	Foods and Nutrition	3
HLH 215	Therapeutic Nutrition	3

Plus 1 of the following Required Prerequisite Psychology Courses:

		Units
CDV 200	Psychology of Development: Infancy through Adolescence	3
PSY 205	Introductory Psychology	3
PSY 210	Life Span Developmental Psychology	3
PSY 215	Psychology of Personal Growth	3

Plus 1 of the following Required Prerequisite Anthropology/Ethnic Studies/Sociology Courses:

		Units
ANT 201	Cultural Anthropology	3
<u>ETH 202</u>	<u>Racial and Ethnic Relations</u>	<u>3</u>
SOC 200	Introduction to Sociology	3
SOC 201	Social Problems	3

Plus 1 of the following Required Prerequisite Speech Courses:

		Units
COM 203	Introductory to Public Speaking	3
COM 210	Interpersonal Communication	3

Required Courses - Major:

		Units
NUR 52A	Nursing Technical Lab I	1
NUR 52B	Nursing Technical Lab II	1
NUR 52C	Nursing Technical Lab III	1
NUR 52D	Nursing Technical Lab IV	1
NUR 102	Nursing Concepts and Skills I	10
NUR 105	Pharmacology I	1
NUR 112	Nursing Concepts and Skills II	10
NUR 115	Pharmacology II	1
NUR 116	Introduction to Nursing Seminar	1
NUR 121	Leadership and Management I	1

Revised Programs

NUR 122	Complex Medical/Surgical Nursing I	8
NUR 125	Pharmacology III	1
NUR 126	Nursing Seminar I	2
NUR 131	Leadership & Management II	1
NUR 132	Complex Medical/Surgical Nursing II	8
NUR 135	Pharmacology IV	1
NUR 136	Nursing Seminar II	2

Total Major Units	51
Total Degree Units	87

Program Level Student Learning Outcomes:

1. Meets qualifications and obtains an AS Degree in Nursing.
2. Become eligible and succeeds on state board examination (NCLEX-RN) leading to licensure.
3. Successfully passes ATIs in fundamentals, maternal/newborn, pediatrics, community health, mental health, medical/surgical, and leadership.
4. Successfully completes a minimum of 132 hours of individual clinical preceptorship as assigned in the final semester as outlined in Mendocino College RN Preceptor Handbook.
5. Practices within legal, ethical, and regulatory guidelines while adhering to standards of professional practice and accepting accountability for personal actions.

Career Opportunities in NURSING

Completing the associate's degree in nursing can lead to a variety of opportunities. Registered nurses (RNs) can work in a hospital, a clinic, in an extended care facility, as a case manager, in management positions, as a traveling nurse, as a school nurse, as a home health nurse, or as a hospice nurse. Areas of specialization in which nurses can focus include cardiac, obstetrics, emergency trauma, pediatrics, oncology, diabetes care, surgery, general medicine, wound care, geriatrics, and air ambulance. RNs can continue their education and obtain advanced degrees that give them even more career options such as Nurse Practitioner or Nurse Educator. The current job market makes nursing a career with many opportunities and choices.

LVN TO RN CAREER LADDER ASSOCIATE OF SCIENCE

The Registered Nursing LVN-to-RN Program is an 18-month course of study consisting of both classroom and clinical training. Graduates of the program work as integral members of the healthcare team, providing care and educating clients across the lifespan. Graduates earn the Associate of Science degree and are eligible to sit for the state licensure exam (NCLEX-RN). Prospective students must first complete required prerequisites and general education requirements before entry to the program. Admission to the program is competitive. Initial screening is based on the CA Chancellor's Office Formula for Nursing Student Success which calculates an applicant's overall college GPA, English prerequisite GPA, and prerequisite sciences GPA. Applicants who achieve the minimum score using this formula are then chosen by a random computerized selection process (lottery). For further details on admission criteria, see the Mendocino College Nursing Department webpages.

Required Courses - Prerequisites

(must be completed by end of semester in which application submitted) **Units**

BIO 230	Human Anatomy	5
BIO 231	Human Physiology	5
BIO 259	Microbiology	5
ENG 200	College Composition	3

Plus 1 of the following Required Prerequisite Health Courses: **Units**

HLH 214	Foods and Nutrition	3
HLH 215	Therapeutic Nutrition	3

Plus 1 of the following Required Prerequisite Psychology Courses: **Units**

PSY 205	Introductory Psychology	3
PSY 210	Life Span Developmental Psychology	3
PSY 215	Psychology of Personal Growth	3
CDV 200	Psychology of Development: Infancy through Adolescence	3

Revised Programs

Plus 1 of the following Required Prerequisite Anthropology/Ethnic Studies/Sociology Courses:

		Units
ANT 201	Cultural Anthropology	3
<u>ETH 202</u>	<u>Racial and Ethnic Relations</u>	<u>3</u>
SOC 200	Introduction to Sociology	3
SOC 201	Social Problems	3

Plus 1 of the following Required Prerequisite Speech Courses:

		Units
COM 203	Introductory to Public Speaking	3
COM 210	Interpersonal Communication	3

Required Courses - Major:

		Units
NUR 50	LVN-RN Transition	1
NUR 52C	Nursing Technical Lab III	1
NUR 52D	Nursing Technical Lab IV	1
NUR 52T	Nursing LVN-RN Transition Lab	1
NUR 121	Leadership and Management I	1
NUR 122	Complex Medical/Surgical Nursing I	8
NUR 125	Pharmacology III	1
NUR 126	Nursing Seminar I	2
NUR 131	Leadership & Management II	1
NUR 132	Complex Medical/Surgical Nursing II	8
NUR 135	Pharmacology IV	1
NUR 136	Nursing Seminar II	2

Total Major Units **28**

Total Degree Units **60**

Program Level Student Learning Outcomes:

1. Successfully passes ATIs in fundamentals, maternal/newborn, pediatrics, community health, mental health, medical/surgical, and leadership.
2. Successfully completes minimum of 132 hours of individual clinical preceptorship as assigned in final semester as outlined in Mendocino College RN preceptor Handbook.
3. Practices within legal, ethical, and regulatory guidelines while adhering to standards of professional practice and accepting accountability for personal actions.
4. Becomes eligible and succeeds on the state board examination (NCLEX-RN) leading to licensure.
5. Meets qualifications and obtains and Associate of Science Degree in Nursing: LVN to RN.

Career opportunities in NURSING

Completing the associate's degree in nursing can lead to a variety of opportunities. Registered nurses (RNs) can work in a hospital, a clinic, in an extended care facility, as a case manager, in management positions, as a traveling nurse, as a school nurse, as a home health nurse, or as a hospice nurse. Areas of specialization in which nurses can focus include cardiac, obstetrics, emergency trauma, pediatrics, oncology, diabetes care, surgery, general medicine, wound care, geriatrics, and air ambulance. RNs can continue their education and obtain advanced degrees that give them even more career options such as Nurse Practitioner or Nurse Educator. The current job market makes nursing a career with many opportunities and choices.

Revised Programs

LVN TO RN CERTIFICATE OF ACHIEVEMENT

The LVN-to-RN Certificate of Achievement is an 18-month course of study consisting of both classroom and clinical training. Graduates of the program work as integral members of the healthcare team, providing care and educating clients across the lifespan. The LVN-to-RN Certificate of Achievement is designed to provide California Licensed Vocational Nurses the classroom and clinical training necessary to be eligible for the National Council Licensing Examination (NCLEX). Students who take the NCLEX-RN after completing a certificate program, such as this (as opposed to a degree program) may not be able to practice as an RN outside the State of California. Prospective students must first complete required prerequisites before entry to the program. Prospective students must meet with the Nursing Program Director prior to application to discuss limitations of the RN role for 30-unit option nurses. Admission to the program is competitive. Initial screening is based on the CA Chancellor's Office Formula for Nursing Student Success which calculates an applicant's overall college GPA, English prerequisite GPA, and prerequisite sciences GPA. Applicants who achieve the minimum cut score using this formula are then chosen by a random computerized selection process (lottery). For further details on admission criteria, see the Mendocino College Nursing Department webpages.

Required Courses – Prerequisites

		Units
BIO 231	Human Physiology	5
BIO 259	Microbiology	5

Required Courses - Major:

		Units
NUR 50	LVN-RN Transition	1
NUR 52C	Nursing Technical Lab III	1
NUR 52D	Nursing Technical Lab IV	1
NUR 52T	Nursing LVN-RN Transition Lab	1
NUR 121	Leadership and Management I	1
NUR 122	Complex Medical/Surgical Nursing I	8
NUR 125	Pharmacology III	1
NUR 126	Nursing Seminar I	2
NUR 131	Leadership & Management II	1
NUR 132	Complex Medical/Surgical Nursing II	8
NUR 135	Pharmacology IV	1
NUR 136	Nursing Seminar II	2

Total units required for Certificate

28

Program Level Student Learning Outcomes:

1. Successfully passes ATIs in fundamentals, maternal/newborn, pediatrics, community health, mental health, medical/surgical, and leadership.
2. Successfully completes minimum of 132 hours of individual clinical preceptorship as assigned in final semester as outlined in Mendocino College RN preceptor Handbook.
3. Practices within legal, ethical, and regulatory guidelines while adhering to standards of professional practice and accepting accountability for personal actions.
4. Becomes eligible and succeeds on the state board examination (NCLEX-RN).
5. Meets qualifications and obtains LVN to RN Certificate of Achievement.

This Certificate Program does not lead to an Associate in Science Degree in Registered Nursing. It entitles the graduate to take the examination for licensure as a Registered Nurse, and to practice only in the State of California. This Certificate Program is required by regulation; however, neither the College, the BRN, nor employers consider it to be the best way to prepare students for the realities and demands of the nursing profession.

Career Opportunities in NURSING

Completing the certificate of achievement in nursing can lead to a variety of opportunities. Nurses with this certificate can work in a hospital, a clinic, in an extended care facility, as a case manager, in management positions, as a traveling nurse, as a school nurse, as a home health nurse, or as a hospice nurse. Areas of specialization in which nurses can focus include cardiac, obstetrics, emergency trauma, pediatrics, oncology, diabetes care, surgery, general medicine, wound care, geriatrics, and air ambulance. Students who complete the LVN-RN 30-Unit Option certificate program, (as opposed to the degree program) may not be able to practice as a nurse outside the state of California or be accepted to advanced nursing education programs (such as BSN programs).

PHYSICAL THERAPIST ASSISTANT

Sara Bogner • 707.467.1062

Joe Munoz • 707.467.1064

ACCREDITATION STATUS

Effective October 29, 2019 the Mendocino College PTA Program has been granted Candidate for Accreditation status by the Commission on Accreditation in Physical Therapy Education (1111 North Fairfax Street, Alexandria, VA, 22314; phone: 703-706-3245; email: accreditation@apta.org). If needing to contact the program/institution directly, please call Sara Bogner at 707-467-1062 or email sbogner@mendocino.edu. Candidate for Accreditation is an accreditation status of affiliation with the Commission on Accreditation in Physical Therapy Education that indicates the program may matriculate students in technical/professional courses. Achievement of Candidate for Accreditation status does not assure that the program will be granted Initial Accreditation.

PHYSICAL THERAPIST ASSISTANT ASSOCIATE OF SCIENCE

The Physical Therapist Assistant Program is designed to prepare graduates to meet the requirements to practice as a physical therapist assistant in a variety of health care settings. The student is awarded an Associate of Science degree upon successful completion of the program. The program is competency-based and provides sequential learning experiences progressing from theoretical to applied using patient simulations in the laboratory and finally to actual patient treatments in clinical education centers. The Physical Therapist Assistant Program is a total of 75.5-78.5 credit-hours, including general education requirements, and can be completed in five semesters. The program has four semesters of technical coursework (44.5 credit-hours) preceded by a pre-requisite semester. Included within the technical courses are three clinical education experiences. Students will complete theory classes online and attend lab classes on campus. Graduation from the program qualifies the student for examination for the National Physical Therapy Exam (NPTE) for Physical Therapist Assistants administered by The Federal of State Boards of Physical Therapy (FSBPT). After successful completion of the examination and all requirements of the Physical Therapy Board of California, graduates may be licensed to work as physical therapist assistants in California.

Required Courses – Prerequisites:

		Units
BIO 230	Human Anatomy	5
BIO 231	Human Physiology*	5
or BIO 202	Human Biology*	3
& BIO 202L	Human Biology Lab*	1
HLH 104	Medical Terminology	3
KIN 100	Introduction to Physical Therapy	1

*Students must complete either BIO 231 or BIO 202 and BIO 202L

Required Courses – Major:

		Units
COM 203	Introduction to Public Speaking	3
or COM 210	Interpersonal Communications	3
PSY 205	Introductory Psychology	3
or PSY 210	Life Span Development Psychology	3
or CDV 200	Psychology of Development: Infancy through Adolescence	3
PTA 101	Physical Therapy Practice for the PTA	2
PTA 102	Pathology	3
PTA 103	Patient Care Skills Theory	2
PTA 103L	Patient Care Skills Lab	1
PTA 104	Clinical Kinesiology Theory	2
PTA 104L	Clinical Kinesiology Lab	1
PTA 105	Therapeutic Exercise Theory	2
PTA 105L	Therapeutic Exercise Lab	1
PTA 106	Therapeutic Agents Theory	2
PTA 106L	Therapeutic Agents Lab	1
PTA 107	Orthopedic Management Theory	2
PTA 107L	Orthopedic Management Lab	1
PTA 108	Neurology and Development Theory	2
PTA 108L	Neurology and Development Lab	1
PTA 109	Neurologic Management Theory	2
PTA 109L	Neurologic Management Lab	1
PTA 110	Advanced Procedures Theory	2

Revised Programs

PTA 110L	Advanced Procedures Lab	1
PTA 111	Professional Integration	2
PTA 120	Clinical Practicum I	4.5
PTA 121	Clinical Practicum II	4.5
PTA 122	Clinical Practicum III	4.5

Total Major Units

44.5

Total Degree Units

78.5 – 79.5

Program Level Student Learning Outcomes:

1. Work under the supervision of a physical therapist in an ethical, legal, and competent manner.
2. Demonstrate the ability to promote optimal outcomes for patients by competently performing assessment techniques and treatment interventions from within the physical therapist's plan of care.
3. Recognize the relationship between concepts learned from liberal arts and basic science coursework and physical therapy knowledge and skills.
4. Demonstrate effective oral, written, and nonverbal communication in a culturally competent manner with patients and their families, colleagues, and other health care providers.
5. Demonstrate a commitment to professional growth and lifelong learning.

Career Opportunities in PHYSICAL THERAPIST ASSISTANT

Completing the Physical Therapist Assistant Associate of Science can lead to a variety of opportunities. Following graduation and successful completion of the licensure exam, physical therapist assistants (PTAs) can work in a wide variety of healthcare settings to provide physical therapy services under the supervision of a licensed physical therapist.

POLITICAL SCIENCE

Phil Warf • 707.468.3030

Degrees

A.A.-T Political Science

ASSOCIATE IN ARTS IN POLITICAL SCIENCE FOR TRANSFER

The Political Science major will provide students with a framework for understanding political theories, institutions, and processes. Students develop skills for critically evaluating issues and applying appropriate research methodologies for understanding political behavior. 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 major. Priority admission with junior status to the CSU system will be granted. Students completing this degree are exempt from Mendocino College Institutional Requirements. Please check with a counselor for more specific transfer information.

Required Courses – Major:		Units
POL 200	American Government and Politics	3
Plus 9-10 additional units selected from the following:		Units
POL 201	Comparative Politics	3
POL 202	Political Theory	3
POL 203	International Relations	3
MTH 220	Statistics	4
Plus 6 additional units selected from the following or any course not used above:		Units
ECO 200	Principles of Macroeconomics	3
HST 200	History of Western Civilization I	3
HST 201	History of Western Civilization II	3
HST 202	The United States to 1877	3
HST 203	The United States Since 1865	3
HST 206	World History Since 1500	3
HST 221	California History	3
HST 250	Contemporary America: The People and the Issues	3
POL 197	Political Science Internship	1 - 8
POL 205	Native Americans and Federal Indian Policy	3
SOC 201	Social Problems	3
Total Major Units		18 - 19
Total Degree Units		60

Program Level Student Learning Outcomes:

1. Understand the structure and role of governmental institutions.
2. Analyze key political concepts and ideas.
3. Evaluate key political issues.

Career Opportunities in POLITICAL SCIENCE

Completing the Associate of Arts in Political Science for Transfer can lead to a variety of opportunities, including Attorney, Public Administrator, Researcher/Policy Analyst, Pollster, Lobbyist, Government Relations Manager, Activist/Organizer, Campaign Manager/Consultant, Elected Official, Teacher/Professor, Journalist, Communications Director, Mediator, Foreign Service or Intelligence Officer, Civil Service Executive, Labor Relations Specialist.

Associate Degree for Transfer requirements pursuant to SB 1440:

- 60 semester or 90 quarter CSU-transferable units.
- the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
- obtainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

SOCIOLOGY

Vivian Varela • 707.467.1024

Degrees

A.A.-T Sociology

ASSOCIATE IN ARTS IN SOCIOLOGY FOR TRANSFER

Sociology is a social science that involves the systematic study of the social lives of people, groups, and societies as well as the study of our behavior as social beings, covering everything from the analysis of short contacts between anonymous individuals on the street to the study of global social processes. The Associate in Arts in Sociology for Transfer is designed to prepare students for a seamless transfer into the CSU system to complete a baccalaureate degree in Sociology or similar major. Priority admission with junior status to the CSU system will be granted. Students completing this degree are exempt from Mendocino College Institutional Requirements.

Required Courses - Major:		Units
SOC 200	Introduction to Sociology	3
Plus 6-7 additional units selected from the following:		Units
MTH 220	Statistics	4
SOC 201	Social Problems	3
SOC 206	Introduction to Research Methods in Sociology	3
Plus 6 additional units selected from the following or any course not used above:		Units
<u>ETH 202</u>	<u>Racial and Ethnic Relations</u>	<u>3</u>
PSY 216	Social Psychology	3
SOC 210	Marriage and Family Relations	3
Plus 3 additional units selected from the following or any course not used above:		Units
ADJ 200	Introduction to Administration of Justice	3
ANT 201	Cultural Anthropology	3
GEO 201	Cultural Geography	3
Total Major Units		18 - 19
Total Degree Units		60

Program Level Student Learning Outcomes:

1. Compare and contrast the three main theoretical paradigms in sociology and analyze social phenomena from these different perspectives.
2. Display an understanding of and appreciation of cultural diversity.
3. Recognize the relationship between personal agency, social responsibility, and social change (sociological imagination).
4. Compare and contrast the differences between a qualitative research study and a quantitative research study.

Career Opportunities in SOCIOLOGY

Completing the baccalaureate degree or graduate level work can lead to a variety of opportunities including teaching, journalism, law, business, communications, non-profit management, corrections/law enforcement, social work, counseling, urban planning, public service, and politics.

Associate Degree for Transfer requirements pursuant to SB 1440:

- 60 semester or 90 quarter CSU-transferable units.
- the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
- obtainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

SPANISH

Valentina Velázquez-Zvierkova • 707.468.3019

Degrees

A.A.-T Spanish

A.A. Spanish for Native Speakers

A.A. Spanish for Non-Native Speakers

ASSOCIATE IN ARTS IN SPANISH FOR TRANSFER

Studying a language other than one's native tongue improves the ability to communicate, to develop cultural awareness and sensitivity, to expand general knowledge and to promote more appreciation for other cultures. The Associate in Arts in Spanish for Transfer is designed to prepare students for a seamless transfer into the CSU system to complete a baccalaureate degree in Spanish or similar major. Priority admission with junior status to the CSU system will be granted. Students completing this degree are exempt from Mendocino College Institutional Requirements.

Required Courses – Major:

		Units
SPN 200	Elementary Spanish: Level I	4
SPN 201	Elementary Spanish: Level II	4
SPN 202	Intermediate Spanish: Level III	4
or SPN 210	Spanish for Spanish Speakers: Level I	4
SPN 203	Intermediate Spanish: Level II	4
or SPN 211	Spanish for Spanish Speakers: Level II	4

Plus 3 additional units from the following:

		Units
ETH 235	Mexican American Culture	3
HST 220	Mexican History	3
SPN 212	Introduction to Latin-American Literature and Film	4

Students who test out of courses in the required major section can choose courses from the following list to reach 19 units, or choose from the courses listed above.

		Units
ANT 201	Cultural Anthropology	3
COM 211	Intercultural Communication	3
ETH 202	Racial and Ethnic Relations	3
GEO 201	Cultural Geography	3
HST 207	Mexican American History	3
SOC 200	Introduction to Sociology	3

Total Major Units	19
Total Degree Units	60

Program Level Student Learning Outcomes:

1. Express personal plans, hopes, doubts, worries, and joys in spoken Spanish. Some grammatical errors may be frequent, but do not inhibit communication.
2. Compose organized writings of varying lengths. Summarize and paraphrase a variety of texts in Spanish.
3. Discuss and react appropriately to the cultural diversity, history, and the geography of Spanish speaking countries.

Career Opportunities in SPANISH

Students completing the baccalaureate degree or graduate work will have an advantage in today's competitive global market, as they can demonstrate ability to work in a culturally diverse environment and possess strong communication skills in more than one language. Proficiency in more than one language enhances students' occupational opportunities in government, business, law, health care, teaching, technology, the military, communications, and public service.

Revised Programs

Associate Degree for Transfer requirements pursuant to SB 1440:

- 60 semester or 90 quarter CSU-transferable units.
- the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
- obtainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

SPANISH FOR NATIVE SPEAKERS ASSOCIATE OF ARTS

The Spanish for Native Speakers major leads to the Associate of Arts degree and prepares the student for transfer to a four-year institution. Students completing the baccalaureate program or graduate work may be hired in the major or allied fields as an international business executive, civil service officer, immigration specialist, peace corps volunteer, foreign correspondent, teacher, travel agent, interpreter, foreign trade agent or foreign service officer. As with all programs, students who intend to transfer to a four-year institution should research the transfer institution's requirements and plan to complete with the CSU GE Breadth pattern or IGETC GE pattern.

Required Courses - Major:

		Units
CED 196 *	Occupational Work Experience Education	2
ETH 235	Mexican American Culture	3
HST 207	Mexican American History	3
SPN 202	Intermediate Spanish: Level I	4
SPN 210	Spanish for Spanish Speakers: Level I	4
SPN 211	Spanish for Spanish Speakers: Level II	4

*Enrollment in Work Experience requires a meeting with the instructor within the first two weeks of the semester.

Total Major Units	20
Total Degree Units	60

Program Level Student Learning Outcomes:

1. Demonstrate that they can speak and understand in extended conversations on concrete and abstract topics.
2. Demonstrate an ability to hypothesize and speculate.
3. Demonstrate a command of an active vocabulary supportive of the skills described above.
4. Demonstrate familiarity with all verb tenses and modes.
5. Demonstrate that they can correctly use grammar for the structures and concepts presented.
6. Write a composition expressing and supporting an opinion.
7. Communicate with grammatical errors that may be frequent but do not inhibit the communication.
8. Demonstrate that they comprehend a wide variety of texts appropriate to the level, with ability to track nuance and detail.
9. Summarize, analyze and critique texts in Spanish.
10. Demonstrate that they can analyze, predict, and react appropriately to the cultural diversity and history of Spanish-speaking peoples, and the geography of Spanish speaking countries.

SPANISH FOR NON-NATIVE SPEAKERS ASSOCIATE OF ARTS

The Spanish for Non-Native Speakers major leads to the Associate of Arts degree and prepares the student for transfer to a four-year institution. Students completing the baccalaureate program or graduate work may be hired in the major or allied fields as an international business executive, civil service officer, immigration specialist, peace corps volunteer, foreign correspondent, teacher, travel agent, interpreter, foreign trade agent or foreign service officer. As with all programs, students who intend to transfer to a four-year institution should research the transfer institution's requirements and plan to complete with the CSU GE Breadth pattern or IGETC GE pattern.

Required Courses - Major:		Units
SPN 100	Conversational Spanish: Level I	2
SPN 101	Conversational Spanish: Level II	2
SPN 200	Elementary Spanish: Level I	4
SPN 201	Elementary Spanish: Level II	4
SPN 202	Intermediate Spanish: Level I	4
Plus one additional course selected from the following:		Units
<u>ETH 235</u>	<u>Mexican American Culture</u>	<u>3</u>
HST 207	Mexican American History	3
SPN 102	Conversational Spanish: Level III	2
Total Major Units		18 - 19
Total Degree Units		60

Program Level Student Learning Outcomes:

1. Demonstrate that they can speak and understand in extended conversations on concrete and abstract topics.
2. Demonstrate an ability to hypothesize and speculate.
3. Demonstrate a command of an active vocabulary supportive of the skills described above.
4. Demonstrate familiarity with all verb tenses and modes.
5. Demonstrate that they can correctly use grammar for the structures and concepts presented.
6. Write a composition expressing and supporting an opinion.
7. Communicate with grammatical errors that may be frequent but do not inhibit the communication.
8. Demonstrate that they comprehend a wide variety of texts appropriate to the level, with ability to track nuance and detail.
9. Summarize, analyze and critique texts in Spanish.
10. Demonstrate that they can analyze, predict, and react appropriately to the cultural diversity and history of Spanish-speaking peoples, and the geography of Spanish speaking countries.

THEATRE ARTS

Stephen Decker • 707.468.3153

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Degrees

A.A.-T Theatre Arts

A.A. Theatre Arts - Theatre

A.A. Theatre Arts - Dance

ASSOCIATE IN ARTS IN THEATRE ARTS FOR TRANSFER

Through study in Theatre Arts and through completion of the college's Associate in Arts in Theatre Arts for Transfer, students develop the ability to participate in the creation and performance of live theatre. In addition, students learn to analyze performances in the context of theatre history, theory, literature, and practice. Fully-staged productions in the college's two theatres supplement the studio and lecture classes. The program emphasizes the importance of creative collaboration and effective interpersonal communication. The program strives to develop, nurture and train future generations of theatre artists, as well as students who may apply their theatre studies in a variety of other academic areas and careers. The Associate in Arts in Theatre Arts for Transfer is designed to prepare students for a seamless transfer into the CSU system to complete a baccalaureate degree in Theatre Arts or similar major. Priority admission with junior status to the CSU system will be granted. Students completing this degree are exempt from Mendocino College Institutional Requirements. Please check with a counselor for more specific transfer information.

Required Courses - Major:

THE 200	Introduction to Theatre	3
THE 210B	Beginning Acting	3

Plus 3 additional units selected from the following courses:

THE 220A	Acting Performance I	3
THE 225A	Production Crew I	1 - 2
THE 225B	Production Crew II	1 - 2
THE 225C	Production Crew III	1 - 2

Plus 9 additional units selected from the following courses not used above:

THE 202	Dramatic Literature and Script Analysis	3
THE 210C	Intermediate Acting: Scene Study	3
or THE 210D	Acting Styles	3
THE 208A	Stagecraft I	3
THE 216A	Stage Lighting I	3
THE 217A	Costume Construction I	3
THE 220A	Acting Performance I	3
THE 225A	Production Crew I	1 - 2
THE 225B	Production Crew II	1 - 2
THE 225C	Production Crew III	1 - 2

Total Major Units

18

Total Degree Units

60

Program Level Student Learning Outcomes:

1. Express ideas and feelings creatively through the creation of theatre performances.
2. Understand the history of theatre within the context of various cultural traditions.
3. Critically analyze plays, both as literary texts and as live performances.
4. Demonstrate competence in fundamental acting performance skills.
5. Demonstrate a high level of self-discipline and personal responsibility.
6. Function cooperatively as members of a performance ensemble, whether as a performer, technician, designer, or director.
7. Identify the roles and responsibilities of the various artists involved in creating performances.

Revised Programs

Career Opportunities in THEATRE ARTS

Completing a baccalaureate degree or graduate-level work in Theatre Arts can lead to a variety of opportunities including: actor, director, stage manager, production manager, education director, make-up artist, dramaturge, literary manager, technical director, costume designer, set designer, lighting designer, stage carpenter, stage electrician, prop master, house manager, theatre publicist, theatre teacher, theatre professor, stitcher, theatrical producer, scenic painter, and many other diverse artistic, technical and management positions related to the production of theatre, film and television. In addition, theatre students develop skills (such as creative collaboration, effective communication, disciplined time management, and many others) which prepare them for a wide variety of careers, including but not limited to teaching, public relations, media & broadcast, business, marketing and event planning.

Associate Degree for Transfer requirements pursuant to SB 1440:

- 60 semester or 90 quarter CSU-transferable units.
- the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
- obtainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

THEATRE ARTS ASSOCIATE OF ARTS – Theatre or Dance

The Theatre Arts major leads to an Associate of Arts degree with an emphasis in Theatre or Dance. Through sequential study in theatre arts and through completion of the college's AA degree program, students develop the ability to create and perform works of theatre and dance. In addition, students learn to analyze performances in the context of theatre/dance history, theory, literature, and practice. Study of theatre and dance also equips students with alternate methods of exploration and problem solving that are useful in multiple disciplines. As with all programs, students who intend to transfer to a four-year institution should research the transfer institution's requirements and plan to complete the CSU GE Breadth pattern or IGETC GE pattern. Please check with a counselor for more specific transfer information.

Required Courses – Major:

		Units
THE 200	Introduction to Theatre	3
THE 210B	Beginning Acting	3
THE 225A	Production Crew I	1 - 2

Plus 2 additional units selected from the following:

		Units
THE 230A	Contemporary Dance: Beginning	2
THE 230B	Contemporary Dance: Advanced Beginning	2
THE 230C	Contemporary Dance: Intermediate	2
THE 230D	Contemporary Dance: Advanced Intermediate	2

Plus 2 additional units selected from the following:

		Units
MUS 220	Opera Theatre-Performance	1 - 3
THE 105B	Play Development I	1
THE 105C	Play Development II	1
THE 220A	Acting Performance I	3
THE 225B	Production Crew II	1 - 2
THE 225C	Production Crew III	1 - 2
THE 260	Dance Performance	1 - 3
THE 262	Dance for Musical Theatre	1 - 3
THE 265A	Dance Repertory: Apprentice	1 - 3
THE 265B	Dance Repertory	1 - 3

Plus 3 additional units selected from the following:

		Units
THE 208A	Stagecraft I	3
THE 216A	Stage Lighting I	3
THE 217A	Costume Construction I	3

Revised Programs

Plus completion of the requirements below for either the theatre or dance emphasis:

THEATRE OPTION*

Plus 7 additional units selected from the following:

		Units
THE 105A	Narrative Theatre	3
THE 105D	Play Development III	1
THE 160	Audition Techniques	1
THE 202	Dramatic Literature and Script Analysis	3
THE 208A	Stagecraft I	3
THE 208B	Stagecraft II	3
THE 210A	Acting Improvisation	3
THE 210C	Intermediate Acting: Scene Study	3
THE 210D	Acting Styles	3
THE 212A	The Actor's Voice I	1
THE 212B	The Actor's Voice II	1
THE 212C	The Actor's Voice III	1
THE 216A	Stage Lighting I	3
THE 216B	Stage Lighting II	3
THE 217A	Costume Construction I	3
THE 217B	Costume Construction II	2
THE 217C	Costume Construction III	2
THE 217D	Introduction to Costume Design	3
THE 219	Introduction to Directing	3
THE 220C	Acting Performance III	3
THE 220D	Acting Performance IV	3
THE 224	Introduction to Playwriting	3

**English 225 (Shakespeare) is strongly recommended for all theatre emphasis majors. Additional courses in dance (THE 230A, 230B, 230C, 230D, 234, 238E, 238F, 238G, 238H, 242A, 242B, 242C, and 242D) and voice (MUS 230A, 230B, and 230C) are also recommended for students with an acting focus.*

Career Opportunities in THEATRE

Completing the baccalaureate degree or graduate level work can lead to a variety of opportunities including: actor, director, stage manager, production manager, education director, make-up artist, dramaturge, literary manager, technical director, costume designer, set designer, lighting designer, stage carpenter, stage electrician, prop master, house manager, theatre publicist, theatre teacher, theatre professor, stitcher, theatrical producer, scenic painter, and many other diverse artistic, technical and management positions related to the production of theatre, film and television. In addition, theatre students develop skills (such as creative collaboration, effective communication, disciplined time management, and many others) which prepare them for a wide variety of careers, including but not limited to teaching, public relations, media & broadcast, business, marketing and event planning.

DANCE OPTION:

Plus 8 units selected from the following (if not used above):

		Units
THE 204	History and Appreciation of Dance	3
THE 206**	Dance in World Cultures	3
THE 230A	Contemporary Dance: Beginning	2
THE 230B	Contemporary Dance: Advanced Beginning	2
THE 230C	Contemporary Dance: Intermediate	2
THE 230D	Contemporary Dance: Advanced Intermediate	2
THE 242A	Ballet: Beginning	2
THE 242B	Ballet: Advanced Beginning	2
THE 242C	Ballet: Intermediate	2
THE 242D	Ballet: Advanced Intermediate	2
THE 250	Choreography	2

Plus 6 additional units selected from the following:

		Units
THE 223	Salsa Rueda	1
THE 227A	Hip Hop Dance: Beginning	0.5 - 1
THE 227B	Hip Hop Dance: Intermediate	0.5 - 1
THE 228A	Conditioning for Dance: Pilates Mat I	0.5 - 1

Revised Programs

THE 228B	Conditioning for Dance: Pilates Mat II	0.5 - 1
THE 238E	Jazz Dance: Beginning	2
THE 238F	Jazz Dance: Advanced Beginning	2
THE 238G	Jazz Dance: Intermediate	2
THE 238H	Jazz Dance: Advanced Intermediate	2
THE 244A	Mexican Folkloric Dance: Beginning	1 - 2
THE 244B	Mexican Folkloric Dance: Intermediate Technique & Performance	1 - 2
THE 247A	Social Dance Forms: Beginning	1
THE 268	Dance Rehearsal	0.5 - 2

***Theatre 206 is recommended for all individuals who are majoring in Dance to fulfill the general education requirement for the Associate Degree.*

Total Major Units – Theatre Option	21 - 22
Total Major Units – Dance Option	28 - 29
Total Degree Units	60

Program Level Student Learning Outcomes:

1. Express ideas and feelings creatively through the creation of theatre performances.
2. Understand the history of theatre within the context of various cultural traditions.
3. Critically analyze works of theatre.
4. Demonstrate competence in fundamental acting performance skills.
5. Demonstrate a high level of self-discipline and personal responsibility.
6. Function cooperatively as members of a performance ensemble, whether as a performer, technician, designer, or director.
7. Identify the roles and responsibilities of the various artists involved in creating performances.

Career Opportunities in DANCE

Completing the baccalaureate degree or graduate level work in Theatre Arts (with an emphasis in Dance) can lead to a variety of opportunities including: dancer, choreographer, stage manager, production manager, education director, make-up artist, costume designer, lighting designer, dance teacher, dance producer, and many other diverse artistic, technical and management positions related to the production of dance and other performing arts.

WOODWORKING

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Certificates of Achievement

Fine Woodworking I

Fine Woodworking II

FINE WOODWORKING I CERTIFICATE OF ACHIEVEMENT

The Fine Woodworking I Certificate is a one-year course of study designed to help prepare students for careers as independent designers and crafts workers. The program consists of classes involving lecture and extensive lab time focused on the creation of refined furniture. A limited number of seats are available. In order to qualify for admission, applicants must present evidence of one of the following: completion of WOD 70B or equivalent course at another institution, or practical experience in woodworking. Admission will be granted by a lottery of qualified applicants. For more information about the application process, see the Fine Woodworking website.

Required Courses:

		Units
WOD 80A	Fine Woodworking: Theory and Practice I	18
WOD 80B	Fine Woodworking: Theory and Practice II	18

Total units required for Certificate**36***Program Level Student Learning Outcomes:*

1. Construct and use various wooden hand planes and complete exercises in basic construction techniques.
2. Demonstrate knowledge in the care and use of hand and power tools.
3. Evaluate aesthetic choices available in the process of making furniture.
4. Select and cut wood for specific purposes.
5. Learn to logically proceed in the process of furniture construction.

Career Opportunities in FINE WOODWORKING

Completing Fine Woodworking I can lead to a variety of opportunities, including but not limited to: independent studio maker of fine furniture and/or cabinetry, employment in studio workshop making fine furniture, furniture design, teaching woodworking, furniture repair and restoration.

FINE WOODWORKING II CERTIFICATE OF ACHIEVEMENT

The Fine Woodworking II Certificate is a one-year course of study designed to help prepare students for careers as independent designers and crafts workers, taking students from intermediate to advanced level of woodworking. The program consists of classes involving lecture and extensive lab time focused on the creation of refined furniture. A limited number of seats are available. In order to qualify for admission, applicants must complete WOD 80A and WOD 80B. Admission will be determined by a lottery of qualified candidates. For more information about the application process, see the Fine Woodworking website.

Required Courses:

		Units
WOD 81A	Fine Woodworking: Special Studied in Cabinet Making I	16
WOD 81B	Fine Woodworking: Advanced Special Studies in Cabinet Making	16

Total units required for Certificate**32***Program Level Student Learning Outcomes:*

1. Integrate design, construction and presentation, using high levels of craftsmanship and advanced cabinetmaking techniques, to create pieces of fine furniture.
2. Contextualize the role of fine woodworking and craftsmanship, and identify possible personal career paths/routes.

Career Opportunities in FINE WOODWORKING

Revised Programs

Completing Fine Woodworking II can lead to a variety of opportunities, including but not limited to: independent studio maker of fine furniture and/or cabinetry, employment in studio workshop making fine furniture, furniture design, teaching woodworking, furniture repair and restoration.

New Courses

ART

ART-231B Intermediate Figure Drawing

3.0 Units / 1.5 hours LEC; 4.5 hours LAB

Credit course for grade or Pass/No Pass

CSU, UC,
MC

This course will continue the basic pictorial problems and challenges begun in ART 231A, introducing more complex subject matter, concepts, and processes as related to the understanding and depiction of the human figure while exploring effective uses of multiple media types. Emphasis will continue to be placed on the development of an appreciation for the integrity of both emotional and intellectual responses to western and non-western works of human imagination.

Prerequisite: ART 231A with a minimum grade of C

EMERGENCY MEDICAL SERVICES

EMS-550 Community First Aid/CPR/AED

0.0 Units / 0.5 hours LEC

Non-credit Course

This course will provide instruction on the knowledge and skills necessary to perform Adult, Child and Infant cardiopulmonary resuscitation (CPR). Additional training will include the use of an automated external defibrillator (AED) and basic first aid as the first link in the Emergency Medical Services (EMS) system. Methods of instruction will coordinate lecture with hands-on skill demonstration and practice of CPR and first aid techniques. Satisfactory completion of the course will entitle the student to certifications in Community CPR (valid for 2 years) and Basic First Aid (valid for 3 years).

Course is exempt from repeat provisions

ETHNIC STUDIES

ETH-202 Racial and Ethnic Relations

3.0 Units / 3.0 hours LEC

Credit course for grade or Pass/No Pass

CSU (D0, D3, F), UC, IGETC (4C, 4J),
MC (B2, Culture)

This course will analyze historical experiences and relations among various racial, religious, national, and gender groups as they interact with racism, ethnocentrism, and class in the U.S. and the world. It will also examine social justice movements in relation to ethnic and racial groups in the United States to provide a basis for a better understanding of the socio-economic, cultural and political conditions among key social groups. Successful students will be able to analyze racial and ethnic relations using theories, literature, and current events. (C-ID SOCI 150, SJS 110)

Recommended Preparation: ENG 200

ETH-235 Mexican American Culture

3.0 Units / 3.0 hours LEC

Credit course for grade or Pass/No Pass

CSU (C2, D0, D3, F), UC, IGETC (4C, 4J),
MC (B2, C, Culture)

This course will examine how the Mexican American identity was created beginning with the colonization of Mexico by the Spanish, through the Mexican American War, up to the present. Also examined will be the role of race in forming the stereotypes and discrimination of Mexican Americans within the United States, the cultural contributions of the Mexican Americans to the United States, and the importance of art, music, dance, religion, food, family, government within the Mexican American community.

ETH-241 Pacific Coast Indian Cultures

3.0 Units / 3.0 hours LEC

Credit course for grade or Pass/No Pass

CSU (C2, D0), UC, IGETC (4J),
MC (B2, C, Culture)

This course will introduce students to the cultural, historical, political, environmental, and educational perspectives of Native American life in California. Students will gain understanding of the material and non-material cultures of Native Americans, the relationship between California tribes and the environment and geography of California, and the contemporary problems facing California Indians.

Recommended Preparation: ENG 200

HISTORY**HST-188.5 Local Native History**

CSU

*1.0 Units / 1.0 hours LEC**Credit course for grade or Pass / No Pass*

This course will provide a brief overview of the history of the tribes of Mendocino and Lake Counties from pre-Columbian to current times. Students will gain an understanding of the myriad forces that have shaped local culture and political organization.

MATH**MTH-541 Mathematics Institute***0.0 Units / 0.5 - 3.0 hours LAB**Non-credit Course*

This course will provide targeted mathematics support for students interested in preparing for a future Math course. Students will have the opportunity to develop and refresh study skills and problem solving skills through supervised practice and supplemental instruction.

MTH-546 Pre-College Mathematics*0.0 Units / 5.0 hours LAB**Non-credit Course*

This course will cover arithmetic, formulas, percents, ratio and proportions and basic algebra concepts and techniques, such as the order of operations, signed numbers, variables, evaluating and simplifying algebraic expressions, solving linear equations, the number line, and the rectangular coordinate system.

MTH-560 Beginning Algebra for STEM and Business Majors*0.0 Units / 5.0 hours LAB**Non-credit Course*

This course will cover the topics of equations and inequalities in one variable, integer exponents, polynomials, equations and inequalities in two variables, rational expressions, radicals, quadratic equations, and the graphs of parabolas. The course is intended for students majoring in math, a science discipline, computer science, business or education. For a more comprehensive coverage of the curriculum you may consider MTH 60. This course leads to MTH 79, MTH 80, or MTH 178.

PHYSICAL EDUCATION – SPORT**PES-230 Beginning Aikido**

CSU, UC

*1.0 Units / 3.0 hours LAB**Credit course for letter grade only*

This course is designed for students who want to develop introductory skills in aikido. Aikido is a powerful martial art developed in Japan. The practice of Aikido includes warm up and flexibility exercises, practical combative and defensive techniques combined with an appreciation for formal etiquette. Students will develop a greater understanding of the relationship between mind, body, and spirit, which will help them deal with both physical and mental conflict in a more positive way.

SUSTAINABLE CONSTRUCTION AND ENERGY TECHNOLOGY**SCT-500 Introduction to the Construction Trades***0.0 Units / 2.5 hours LEC**Non-credit Course*

The course will review the entire building process, introducing each trade for each of the building steps in a construction project. Students will be introduced to skills and tools required in fundamental trades such as project estimation, masonry carpentry, plumbing, and electric work, and will participate in hands-on demonstrations of these skills.

*Recommended Preparation: SCT 540 and SCT 541**Course is exempt from repeat provisions*

New Courses

SCT-505 Introduction to the Construction Trades Lab

0.0 Units / 2.5 hours LAB

Non-credit Course

This course will provide an opportunity for students to participate in hands-on practice of building trades skills, which may include operating power tools, framing walls, floors and roofs, basic plumbing and electrical exercises, masonry, and other related trade skills. This course may include field trips to work sites and participation in building projects.

Course is exempt from repeat provisions

SCT-515 Fork and Scissor Lift Operations Basics

0.0 Units / 0.25 hours LEC; 0.25 hours LAB

Non-credit Course

This course will introduce students to power lift equipment common on construction sites, and provide training in their safe operation, including powered industrial trucks (forklifts) and scissor lifts. Students will participate in demonstrations of equipment use, and receive certificates of course completion after successfully completing the course.

Course is exempt from repeat provisions

SCT-540 Construction Math A

0.0 Units / 1.0 hours LEC

Non-credit Course

This course will introduce students to the computational skills needed in construction. Topics include measurement, number sense, estimation, basic statistics, trigonometric functions, and algebraic thinking.

Course is exempt from repeat provisions

SCT-541 Construction Math B

0.0 Units / 1.0 hours LEC

Non-credit Course

This course will introduce students to the computational skills needed in construction. Topics include geometry, measurement, number sense, estimation, basic statistics, trigonometric functions, and algebraic thinking.

Prerequisite: SCT 540

Course is exempt from repeat provisions

SCT-562 Safety Standards for Construction

0.0 Units / 1.0 hours LEC

Non-credit Course

This course will introduce students to important construction job site and workplace safety considerations, practices, and trade-related safety procedures. This course includes lecture and hands-on activities as well as providing curriculum to prepare students for the OSHA 10 Construction Training Certification card, which will be issued upon successful completing of the course.

Course is exempt from repeat provisions

THEATRE ARTS

THE-135 Introduction to Scenic Design

CSU

3.0 Units / 3.0 hours LEC

Credit course for grade or Pass / No Pass

This course will provide an introduction to the basic techniques used in scenic design for live performance with emphasis on the art of scenic design through drafting techniques, model making, ground plans, as well as script analysis for the practical application of these skills.

Recommended Preparation: THE 200 and THE 208A

WOODWORKING

WOD-98.1 Intermediate Woodworking

12.5 Units / 2.0 hours LEC; 32.0 hours LAB

Credit course for grade or Pass / No Pass

This class will introduce advanced techniques beyond the use of solid wood, specifically veneering, bent lamination, and glass in cabinet construction. Students will have the opportunity to learn and apply these techniques in a project, and to improve and strengthen their existing skills.

Prerequisite: WOD 70B

Revised Courses

ART

Course Families

Course families are groups of active participatory courses that are related in content. Students are limited to no more than four attempts (grade or 'W') within each family group.

Aqua Media: ART 222A, ART 222B

Ceramics – Hand Built and Thrown: ART 240A, ART 240B, ART 240C, ART 240D

Ceramics – Technical/Professional: ART 50, ART 51, ART 53, ART 246, ART 247

Foundations: ART 213, ART 214

Drawing Family: ART 210A, ART 210B, ART 231A, ART 231B

Painting: ART 228A, ART 228B, ART 228C, ART 228D, ART 229

Photography: ART 282

Professional Practice: ART 160, ART 191

Printmaking: ART 232, ART 234A, ART 234B, ART 236A, ART 236B

Sculpture: ART 250A, ART 250B, ART 250C

Textile Construction: ART 150, ART 170A, ART 170B

Textile Surface Design: ART 176A, ART 176B

BUSINESS

BUS-134 Human Relations in Business

3.0 Units / 3.0 hours LEC

**CSU (D7),
MC (B2)**

Credit course for grade or Pass / No Pass

This course will examine the role of the supervisor/manager and provides an understanding of how to work with people in an organizational setting. It will also emphasize perception, motivation, communication, leadership styles, group dynamics, decision making, teamwork, diversity in the workplace and managing change. (C-ID HOSP 170 X when CAM 161 is also completed)

Recommended Preparation: ENG 200

BUS-136 Introduction to Management

3.0 Units / 3.0 hours LEC

CSU

Credit course for grade or Pass / No Pass

This course will provide students with basic knowledge of management concepts and vocabulary. Topics covered will include the management functions of planning, organizing, leading, controlling. Students will learn about the history of management philosophy, the characteristics of effective managers, business ethics, communication, diversity in the workplace, and team work.

Recommended Preparation: ENG 200

BUS-150 Entrepreneurial Marketing

3.0 Units / 3.0 hours LEC

CSU

Credit course for grade or Pass / No Pass

This course will cover the nature, functions and importance of marketing as applicable to the entrepreneur. Topics will include creating and distributing goods and services, and promotional activities including advertising, e-commerce, public relations, and sales promotion.

Recommended Preparation: ENG 200

BUS-151 Introduction to Marketing

3.0 Units / 3.0 hours LEC

CSU

Credit course for grade or Pass / No Pass

This course will explore the nature, functions, and importance of marketing. Topics covered will include consumer behavior, pricing, product development, market research, distribution, and elements of promotion such as public relations, advertising, social media, personal selling, and e-commerce.

Recommended Preparation: ENG 200

Revised Courses

BUS-174 Introduction to Green Business Principles and Practices CSU

3.0 Units / 3.0 hours LEC

Credit course for grade or Pass/No Pass

This course will introduce students to the concepts, principles, and practices that define a green business. Students learn the importance of including environmental and social considerations in business products, services, and operations and effective methods for doing so. Topics covered include the opportunities and challenges of starting a green business, greening an existing business, triple bottom line accounting, understanding your market, green-washing pitfalls, competitive advantage, life cycle analysis, localization, resource depletion, regulatory trends, and carbon regulation.

Recommended Preparation: [ENG 200](#) and SCT 200 with a minimum grade of C

BUS-212 Legal Environment of Business CSU, UC, MC (B2)

3.0 Units / 3.0 hours LEC

Credit course for grade or Pass/No Pass

This course will cover fundamental legal principles pertaining to transactions in the business environment. Legal topics include: the law as an instrument of social and political control in society; law and ethics; contract law; torts; agency; judicial and administrative processes; employment law; legal forms of business organizations; as well as domestic and international governmental regulations. (C-ID BUS 120)

Recommended Preparation: [ENG 200](#)

BUS-230 Introduction to Business CSU, UC, MC (B2)

3.0 Units / 3.0 hours LEC

Credit course for grade or Pass/No Pass

This course will cover the complexities, relationships, and functions of such areas as management, marketing, accounting, finance, operations, human resources, information technology, legal issues, and the regulatory environment in business. (C-ID BUS 110)

Recommended Preparation: [ENG 200](#)

COLLEGE AND CAREER SUCCESS

CCS-100 Career Planning Success CSU

1.5 - 3.0 Units / 1.5 - 3.0 hours LEC

Credit course for grade or Pass/No Pass

This course will introduce the career planning process, which is designed to help students find the best career options, based on their strengths, interests, and values. Two/three unit courses also include developing job interviewing and resume writing skills.

Recommended Preparation: [Computer literacy](#)

CCS-124 Becoming a Successful Online Student CSU

1.0 Units / 1.0 hours LEC

Credit course for grade or Pass/No Pass

This course explores the theory and practice of successful online learning. The course familiarizes students with the course management system used for online courses at Mendocino College and many California Community Colleges and offers practical guidance and hands-on experience in a variety of approaches for increasing their online learning success.

Recommended Preparation: [Computer literacy](#)

COMPUTER SCIENCE

CSC-105 Introduction to Linux I CSU, ~~MC (D2)~~

1.5 Units / 1.25 hours LEC; 0.75 hours LAB

Credit course for grade or Pass/No Pass

This course will present a survey of Linux operating systems and related subject matter. Topics include Linux architecture, commands, file system, processes, and shell programming. Lectures and laboratory exercises provide a moderate understanding of Linux architecture and commands.

CSC-106 Introduction to Linux II CSU, ~~MC (D2)~~

1.5 Units / 1.25 hours LEC; 0.75 hours LAB

Credit course for grade or Pass/No Pass

This course will present a continued survey of Linux operating systems and related subject matter. Topics include Linux system administration and advanced shell scripting.

Prerequisite: CSC 105 with a minimum grade of C

Revised Courses

CSC-117 Computer Network Fundamentals

CSU

3.0 Units / 2.0 hours LEC; 3.0 hours LAB

Credit course for letter grade only

This course will introduce the architecture, structure, functions, components, and models of the Internet and other computer networks. The principles and structure of IP (Internet Protocol) addressing and the fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for further study of computer networks. It uses the OSI (Open Systems Interconnection) and TCP (Transmission Control Protocol) layered models to examine the nature and roles of protocols and services at the application, network, data link, and physical layers. This course also prepares students for entry-level industry certification exams such as the CompTIA Network+ certification exam and Cisco CCT/CCNA exams. (C-ID ITIS 150)

CSC-134 Web Application Development

CSU,
MC (D2)

3.0 Units / 2.5 hours LEC; 1.5 hours LAB

Credit course for letter grade only

This course will explore web development, focusing on developing projects that integrate server- and client-side programming with the use of a solution stack such as LAMP. Students will develop scripts, databases, and interfaces to support web applications that generate and store dynamic content. This course will also include discussion and projects related to security and database integration.

Prerequisite: CSC 130 with a minimum grade of C

Recommended Preparation: ~~Some experience with computer programming or CSC 221~~

CSC-170 Mobile Application Development

CSU,
MC (D2)

3.0 Units / 2.5 hours LEC; 1.5 hours LAB

Credit course for grade or Pass / No Pass

This course will cover the development of applications for mobile devices, including smartphones and tablets. Students will use modern tools and frameworks to build Mobile applications that incorporate various aspects of user interfaces, web services, animation, multimedia, and location awareness.

CSC-180 3D Animation

CSU

4.0 Units / 3.0 hours LEC; 3.0 hours LAB

Credit course for grade or Pass / No Pass

This course will introduce the concepts that underlie the building of 3D animation projects with a focus on practical, hands-on examples. Industry standard animation and rendering tools will be used in this course.

Recommended Preparation: CSC 175 or DAM 205

CSC-185 3D Interactive Applications

CSU

4.0 Units / 3.0 hours LEC; 3.0 hours LAB

Credit course for grade or Pass / No Pass

This course introduces the design and development of 3 dimensional interactive applications such as video games, virtual reality and augmented reality applications, and simulations. This course will use a modern 3D game engine as the development platform.

Recommended Preparation: CSC 175, CSC 180, or CSC 221

CSC-210L Computer Organization and Architecture Lab

CSU, UC

1.0 Units / 3.0 hours LAB

Credit course for grade or Pass / No Pass

This course will provide guided, hands-on activities to support student learning in the concepts associated with Computer Organization and Architecture (CSC 210). This course is highly recommended for students taking CSC 210 with no prior programming experience or those without a solid foundation in programming.

Corequisite: CSC 210

CULINARY ARTS

CAM-58 Chocolate and Confections

1.0 Units / 0.5 hours LEC; 1.5 hours LAB

Credit course for grade or Pass / No Pass

This course will cover basic chocolate and confectionery techniques. Students will prepare a variety of classic and modern chocolate, crystalline, non-crystalline, and aerated confections.

Revised Courses

CAM-68 Food Preservation

1.0 Units / 0.5 hours LEC; 1.5 hours LAB

Credit course for grade or Pass/No Pass

This course will teach students how to safely preserve high quality foods by canning, drying, pickling, and freezing. Cheese making will be introduced. The manufacture of food products for sale, including regulations, will be discussed. *Prerequisite: CAM 152, with a minimum grade of C, [or a current Food Safety Manager's Certificate. Students must provide a copy of their certificate. The Food Handler's Certificate does not meet this requirement.](#)*

Corequisite: CAM 152

CAM-101 Culinary Skills I

CSU

3.0 Units / 1.0 hours LEC; 6.0 hours LAB

Credit course for grade or Pass/No Pass

This class will provide the foundation for developing the culinary knowledge and skills necessary to be successful in a food service kitchen. Through theory and practical application, students learn industry standard practices for appetizers, soups, salads, lunch and dinner entrees. Knife skills and proper use of commercial cooking equipment are emphasized. The course includes planning and preparing meals for the public. (C-ID HOSP 160 when CAM 152 is also completed; C-ID HOSP 160 X)

Prerequisite: CAM 152, with a minimum grade of C, [or a current Food Safety Manager's Certificate. Students must provide a copy of their certificate. The Food Handler's Certificate does not meet this requirement.](#)

Corequisite: CAM 152

CAM-130A Baking I

CSU

2.0 Units / 1.0 hours LEC; 3.0 hours LAB

Credit course for grade or Pass/No Pass

This course will cover baking techniques, with a focus on breads and batters, including basic cakes. The class will have an experimental approach, with students testing recipe variations to learn ingredient functionality while developing creativity. Quality standards for a bake shop will be used to guide product evaluation. The history and culture of various bakery items will be studied. (C-ID HOSP 180X when CAM 130B is also completed)

rerequisite: CAM 152, with a minimum grade of C, [or a current Food Safety Manager's Certificate. Students must provide a copy of their certificate. The Food Handler's Certificate does not meet this requirement.](#)

Corequisite: CAM 152

CAM-130C Pastry and Desserts

CSU

1.0 Units / 0.5 hours LEC; 1.5 hours LAB

Credit course for grade or Pass/No Pass

This course will focus on the understanding and production of pastries and a wide variety of desserts. Types of pastries include pastry dough, pate a choux, savory and sweet pies and tarts, and cream puffs. Students will explore desserts from a variety of cultures which may include custards, puddings, fruit desserts, fried desserts, specialty cookies, trifles, mousses, and tortes. Contemporary plated desserts are emphasized.

rerequisite: CAM 152, with a minimum grade of C, [or a current Food Safety Manager's Certificate. Students must provide a copy of their certificate. The Food Handler's Certificate does not meet this requirement.](#)

Corequisite: CAM 152

ENGLISH

ENG-85 Advanced Preparation for College Composition

4.0 Units / 4.0 hours LEC

Credit course for Pass/No Pass only

This course will prepare students for transfer-level college writing. Students will review English fundamentals, read and analyze professional essays, and write essays with an emphasis on exposition and critical thinking and access student services.

Corequisite: Concurrent enrollment in ENG 60, ENG 160, or ENG 560

MATHEMATICS**MTH-46 Pre-College Mathematics****4.0 Units / 3.5 hours LEC; 1.5 LAB***Credit course for grade or Pass / No Pass*

This course will cover arithmetic, formulas, percents, ratio and proportions and basic algebra concepts and techniques, such as the order of operations, signed numbers, variables, evaluating and simplifying algebraic expressions, solving linear equations, the number line, and the rectangular coordinate system.

MTH-60 Beginning Algebra for STEM and Business Majors**4.0 Units / 3.5 hours LEC; 1.5 LAB***Credit course for grade or Pass / No Pass*

This course will cover the topics of equations and inequalities in one variable, integer exponents, polynomials, equations and inequalities in two variables, rational expressions, radicals, quadratic equations, and the graphs of parabolas. The course is intended for students majoring in math, a science discipline, computer science, business or education. This course leads to MTH 79, MTH 80, or MTH 178.

MTH-77 Geometry**3.0 Units / 3.0 hours LEC***Credit course for letter grade only*

This course will cover geometric concepts, deductive proof and logical arguments. Topics will include lines, angles, circles, triangles, similarity, congruence, coordinate geometry, volumes, and logic.

Prerequisite: MTH 60, with a minimum grade of C, one year of college-prep Algebra I or Integrated Math I and/or II or higher-level math class, with a minimum grade of C, taken within three years of enrollment, or qualification for MTH 77 through the assessment process.

MTH-79 Mathematics for Technical Fields**3.0 Units / 3.0 hours LEC****MC (D2)***Credit course for grade or Pass / No Pass*

This course will introduce students to the computational skills needed in automotive, construction, welding, and drafting technologies, and other applied academic programs. Topics include geometry, measurement, number sense, estimation, basic statistics, trigonometric functions, and algebraic thinking.

Advisory: Foundational skills in arithmetic, ability to work with fractions and decimals

MTH-80 Intermediate Algebra for STEM and Business Majors**5.0 Units / 5.0 hours LEC****MC (D2)***Credit course for grade or Pass / No Pass*

This course will cover functions, equations and inequalities in one variable, systems of linear equations in three variables, rational, exponential and logarithmic functions and equations, and discrete topics. The course is intended for students majoring in math, a science discipline, computer science, business or education. Students who have not completed the prerequisite may enroll in MTH 80 if they concurrently enroll in MTH 30 and a Math Lab (MTH 40A, 40B, 40C, 40D, or 540).

Prerequisite: MTH 60, with a minimum grade of C, one year of college-prep Algebra II or a higher-level math class, with a minimum grade of C, taken within three years of enrollment, or qualification for MTH 80 through the placement process.

MTH-178 Applied Math**4.0 Units / 4.0 hours LEC****CSU (B4),
MC (D2)***Credit course for grade or Pass / No Pass*

This course will introduce students to mathematics as it applies to the individual and society. Topics include personal finance, statistics, voting, analysis of change, and mathematical applications to current social concerns. Using real-world applications, emphasis is placed on the development of both critical thinking and mathematical problem solving. This general education mathematics course is designed to be an accessible college-level mathematics course for students majoring in the liberal arts. Students who have not completed the prerequisite may enroll in MTH 178 if they concurrently enroll in a Math Lab (MTH 40A, 40B, 40C, 40D, or 540).

Prerequisite: MTH 60, with a minimum grade of C, MTH 79, with a minimum grade of C, one year of college-prep Algebra I with a minimum grade of C, one year of Integrated Math I with a minimum grade of C, or qualification for MTH 178 through the placement process.

Revised Courses

MTH-210 Calculus and Analytic Geometry I

5.0 Units / 5.0 hours LEC

Credit course for letter grade only

CSU (B4), UC, IGETC (2A),
MC (D2)

This course will serve as a first course in differential and integral calculus of a single variable. Concepts will include: functions; limits and continuity; techniques and applications of both differentiation and integration; and the Fundamental Theorem of Calculus. The course is designed primarily for those majoring in Science, Technology, Engineering, and Math (STEM). (C-ID MATH 210)

Prerequisite: MTH 200, with a minimum grade of C, or qualification for MTH 210 through the placement process.

MTH-220 Statistics

4.0 Units / 4.0 hours LEC

Credit course for letter grade only

CSU (B4), UC, IGETC (2A),
MC (D2)

This course will cover the use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications may include data from disciplines including business, social sciences, psychology, life science, health science, and education. Students who place into MTH 220 with required corequisite may enroll in MTH 220 if they concurrently enroll in MTH 32 or MTH 532. (C-ID MATH 110, SOCI 125)

Prerequisite: MTH 79, MTH 80, with a minimum grade of C, one year of college-prep Algebra II or a higher-level math class, with a minimum grade of C, taken within three years of enrollment, or qualification for MTH 220 through the placement process.

MTH-230 Calculus for Business and Economics

4.0 Units / 4.0 hours LEC

Credit course for letter grade only

CSU (B4), UC, IGETC (2A),
MC (D2)

This course will present a study of the techniques of Calculus with emphasis placed on the application of these concepts in problems related to business and managerial science. (C-ID MATH 140)

Prerequisite: MTH 80, with a minimum grade of C, or qualification for MTH 230 through the placement process.

MTH-540 Supplemental Mathematics Lab

0.0 Units / 1.5 - 4.5 hours LAB

Non-credit Course

This course will provide supplemental math skills support. Students will have the opportunity to work on assignments and get help as needed from a Math instructor either while enrolled in a Math course, or in preparation for their future Math courses.

REAL ESTATE

RLS-65 Fundamentals of Home Inspections

1.0 Units / 1.0 hours LEC

Credit course for grade or Pass/No Pass

This course will introduce real estate professionals and home owners to basic construction techniques and terminology that will allow for the recognition of the visual signs or indications of defects in a structure, including the property itself. Such areas where trouble spots may be found include drainage, foundations, roofs, electrical, plumbing, and mechanical systems. It will also cover environmental constraints that can affect the desirability and value of a home.

RLS-73 Real Estate Financial Calculations

0.5 Units / 0.5 hours LEC

Credit course for grade or Pass/No Pass

This course will prepare the student who is considering buying a home or enhance the skills of real estate professionals who are actively engaged in the field of real estate. The student will learn to utilize the Calculated Industries Real Estate Calculator to compute real estate financial calculations found in a typical real estate transaction, such as down payment amounts, loan amortizations, and calculation of interest payments.

Revised Courses

RLS-74 Real Estate Licensing Preparation

1.0 Units / 1.0 hours LEC

Credit course for grade or Pass / No Pass

This course will prepare students to pass the State Real Estate Salesperson's or Broker's Examinations through a concentrated review of the principles of real estate. The course will emphasize topics typically covered in the state examinations, such as property ownership, encumbrances, real estate agency, real estate law, contracts, finance, title and escrow, taxation, appraisal and real estate mathematics. Additionally, the course will focus on test-taking techniques and current content of the state examinations.

RLS-160 Real Estate Principles

CSU

3.0 Units / 3.0 hours LEC

Credit course for grade or Pass / No Pass

This course will survey the principles, concepts, and laws pertaining to the field of real estate. It is a prerequisite to and prepares the student for taking the real estate salesperson's license examination and applies toward the educational requirements for a broker's license.

RLS-161 Real Estate Practices

CSU

3.0 Units / 3.0 hours LEC

Credit course for grade or Pass / No Pass

This course will introduce the student to practical knowledge needed by persons engaged in the real estate business, relating to brokerage, salesmanship, marketing, overall procedures, forms, and contracts. Fulfills State licensing requirements for salesperson's and broker's license.

Recommended Preparation: RLS 160

RLS-162 Real Estate Appraisal

CSU

3.0 Units / 3.0 hours LEC

Credit course for grade or Pass / No Pass

This course will introduce students and real estate professionals to basic methods and techniques used in appraising real property; fundamental principles and techniques of valuation; types of appraisal reports; appraisal trade associations; and the code of ethics as it relates to residential property. This course fulfills State license requirements for salespersons and brokers.

Recommended Preparation: RLS 160 or real estate license

RLS-163 Real Estate Finance

CSU

3.0 Units / 3.0 hours LEC

Credit course for grade or Pass / No Pass

This course will focus on the regulations and procedures for financing real estate; types of lenders, loans, and types of financing; and the processes of qualifying buyers and property. Fulfills State license requirements for brokers and salespersons.

Recommended Preparation: RLS 160

RLS-164 Legal Aspects of Real Estate

CSU

3.0 Units / 3.0 hours LEC

Credit course for grade or Pass / No Pass

This course will introduce students to California real property law, including rights incident to property ownership and management, estates in land, agency, community property, contracts, conveyances, escrow, property taxation, trust deeds, foreclosure, land use and zoning controls, and landlord/tenant relationships, as well as recent legislation and litigation governing real estate transactions.

RLS-167 Real Estate Economics

CSU

3.0 Units / 3.0 hours LEC

Credit course for grade or Pass / No Pass

This course will examine the causes and effects of value fluctuations in real estate, including the economic factors affecting real estate; urban development; urban renewal, and regulation of land uses; business fluctuations and real estate cycles; the financial markets; and commercial, industrial, and residential income properties and trends. This course fulfills State license and educational requirements for brokers and salespersons.

Revised Courses

RLS-170 Property Management

CSU

3.0 Units / 3.0 hours LEC

Credit course for grade or Pass/No Pass

This course will review the principles and practices of managing residential, commercial, industrial, and special purpose income properties. Covers nature and types of property management, leases and contracts, collections, rent schedules, tenant selection and supervision, budgets, and purchasing. This course fulfills State license and educational requirements for brokers and salespersons.

RLS-172 Real Estate Investments

CSU

3.0 Units / 3.0 hours LEC

Credit course for grade or Pass/No Pass

This course will focus on the fundamentals of real estate investments and provide the student an understanding of real estate market activities that fluctuate as a function of supply and demand. Students will learn how investing in real estate can be profitable and/or be utilized as a tax shelter. Students will examine the various types of investment properties, such as residential, commercial and industrial, including environmental issues associated with land development.

THEATRE ARTS

Course Families

Course families are groups of active participatory courses that are related in content. Students are limited to no more than four attempts (grade or 'W') within each family group.

DANCE FAMILIES

Ballet: THE 242A, THE 242B, THE 242C, THE 242D

Contemporary Dance: THE 230A, THE 230B, THE 230C, THE 230D

Dance Composition: THE 250

Dance Performance: THE 265A, THE 265B

Dance – World Dance Forms: THE 223, THE 227A, THE 227B, THE 244A, THE 244B, THE 247A

Jazz: THE 238E, THE 238F, THE 238G, THE 238H

Pilates: THE 228A, THE 228B, THE 228C, THE 228D

THEATRE FAMILIES

Acting Performance: THE 220A, THE 220B, THE 220C, THE 220D

Physical Theatre: THE 214A, THE 214B, THE 214C

Playwriting and Development: THE 105A, THE 105B, THE 105C, THE 105D

Musical Theatre: THE 233, THE 260, THE 262, THE 268

Specialty and Support: THE 160, THE 212A, THE 212B, THE 212C

Studio Acting: THE 210A, THE 210B, THE 210C, THE 210D

Technical Performance: THE 225A, THE 225B, THE 225C, THE 225D

Technical Production: THE 208A, THE 208B, THE 216A, THE 216B

Theatrical Design: THE 135, THE 217D

Theatrical Textile: THE 217A, THE 217B, THE 217C



MENDOCINO COLLEGE

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UKIAH, CA 95482
707.468.3000

COAST CENTER

1211 DEL MAR DRIVE
FORT BRAGG, CA 95437
707.961.2200

LAKE CENTER

2565 PARALLEL DR.
LAKEPORT, CA 95453
707.263.4944

NORTH COUNTY CENTER

372 E. COMMERCIAL ST.
WILLITS, CA 95490
707.459.6224

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