2025-26

High School Concurrent Enrollment Course Catalog

CONCURRENT ENROLLMENT
(970) 378-3722
aims.co/concurrent-enrollment

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GREELEY
LOVELAND
FORT LUPTON
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Aims COMMUNITY COLLEGE / *All in.*


STUDENT COMMONS
5121

DISCLAIMER

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A Message from the President of Aims Community College

Hi,

I want to be the first to welcome you to Aims Community College and thank you for your partnership. The core mission of Aims Community College is to build a stronger community. Our mission reads as follows:

> *Aims continually seeks opportunities to ensure inclusivity, learning and growth. For equitable education access to occur, target outreach and support is necessary for enrolling and retaining diverse groups. This aligns with the inclusive community Aims seeks to create. Aims also invests in regional programs and partnerships around northern Colorado. This sets up a pathway to career success for students while simultaneously enriching northern Colorado development.*

One core element of this mission at Aims Community College is our partnerships with high schools across northern Colorado. From Concurrent Enrollment to Early College Academy, Pathways in Technology Early College (PTECH), Career Academy, Accelerating Students through Concurrent Enrollment (ASCENT), and Teacher Recruitment Education and Preparation (TREP), all of our high school programs are instrumental in providing students with access to high-quality education for very low or no cost to the students. Aims Community College offers a wide variety of pathways for students to participate in. We have concurrent enrollment in aviation, agriculture, cybersecurity, criminal justice, fire science, graphic design, humanities, music, math, science, and welding, to name a few. In 2023-2024, Concurrent Enrollment students earned over 38,000 college credits and were awarded 625 certificates and degrees. Overall, concurrent enrollment programs saved families in northern Colorado over 2.9 million dollars in tuition.

This incredible opportunity would not be possible without your continued support. We thank you for your partnership with Aims Community College and for your commitment to student success. We look forward to expanding our impactful program offerings and to working collaboration with you to build a stronger community.

Dr. Leah L. Bornstein
President & CEO
Aims Community College

The Concurrent Enrollment Programs Act (CEPA) is a state law (HB 09-1319; SB 09-285; HB 12-1043, SB 19-176 & C.R.S 22-35-101 through 112) allowing high school students to simultaneously earn both high school and college credit. Colorado students have a wide variety of opportunities to earn college-level credit(s) or further enhance their preparation for postsecondary study. These programs go by many names such as concurrent enrollment, early access, ASCENT and dual enrollment. At Aims, students can participate in Concurrent Enrollment, Early College, Pathways in Technology Early College (PTECH), ASCENT*, Teacher Recruitment Education and Preparation Program (TREP) and Career Academy.

***ASCENT — A**ccelerating **S**tudents through **C**oncurrent **E**nrollme**NT —** a program for students who have completed at least nine credit hours of post-secondary coursework prior to completion of their 12th-grade year. They remain students in their Local Education Provider (LEP) for one year following their 12th-grade year. The LEP receives ASCENT-specific, per-pupil funding, which is used to pay the tuition at the resident community college rate. Students receive their high school diplomas at the end of their ASCENT year.

Concurrent Enrollment at Aims Community College is a partnership between Aims and high school districts that allow eligible high school students to enroll in courses for high school credit, college credit or both. Students can participate in Concurrent Enrollment by taking courses offered at any Aims campus (Greeley, Fort Lupton, Loveland, or Windsor). Students can take courses in-person, online or remotely. The Concurrent Enrollment courses offered at the high school are taught by the high school faculty.

Benefits to Concurrent Enrollment

- Taking concurrent enrollment courses saves time and money
  - » Students can reduce the amount of time spent pursuing a college degree by completing courses while in high school
  - » Tuition charged for college credits are paid by the student's school district
- Students can potentially complete post-secondary credentials, from certificates through two-year degrees, while also earning a high school diploma
- The majority of courses offered through Concurrent Enrollment are transferable to all public colleges in Colorado; students transferring college credits begin their advanced studies further along in their degree program
- Students are more prepared and confident to successfully complete rigorous, college-level coursework

Goals of Aims' Concurrent Enrollment Program

- To motivate students to attend college
- To expose students to college-level academic rigor
- To enhance each student's preparation for college
- To increase each student's likelihood of graduating from college in a timely fashion

Concurrent Enrollment versus AP and/or IB

In an AP/IB course, students must pass the end-of-course exam to be eligible to apply for college credit upon completion of the course and must have the respective platform (College Board for AP and the International Baccalaureate Organization for IB) submit to Aims an official transcript for evaluation of transfer credit. Concurrent Enrollment courses are taught by high school teachers who have met Aims' credentialing requirements. A Concurrent Enrollment course represents the same learning objectives and outcomes as the courses offered at Aims Community College.

Each college or university has specific qualifications for accepting AP courses as college credit.

Successful Completion

Aims Community College considers successful completion of a course as a letter grade of C or higher. While Aims Community College, in most cases, awards course credit for a grade of D, the majority of institutions accepting transfer credit will accept the credit only for courses with a C or higher. *Note: Many courses with course prerequisites require successful completion with a C or higher in order to meet the prerequisite requirement.*

Concurrent Enrollment at Aims Community College is housed in the High School Programs Office. The High School Programs Office is part of SEIS (Student Engagement, Inclusion & Success).

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Visit us online:
aims.co/high-school

Who May Participate
Students must be in the ninth grade or higher and be under the age of 21 years old. Students must meet the prerequisites set by the College for the course, and the course must be part of a student's individual career and academic plan. The school district or the high school may have other restrictions relating to academics or maturity. The number of classes students can take is not limited by state law; however, school districts may have limits based on educational concerns or funding.

How to Participate
The following steps must be completed by each student:

- Meet with the high school counselor
- Apply to Aims Community College
- Complete the School District's Concurrent Enrollment Agreement Form
- Complete appropriate paperwork with your high school

Available Academic Resources

Learning Commons
The Learning Commons is conveniently located on all four Aims' campuses (Greeley, Fort Lupton, Windsor and Loveland) and aids in three areas:

- Library Services
- Tutoring Services
- Computer Assistance Services

D2L – Desire 2 Learn Instructional Technology
All Concurrent Enrollment instructors have access to Aims' classroom management system, D2L. Within a D2L course shell, instructors can upload handouts, assignments, outlines and presentations, and can communicate with students, accept assignments, and keep track of grade books.

Aims Email
All Aims instructors and students are assigned a college email account. This email account is the college's primary means of communication. Instructors and students should check their Aims email often.

CONCURRENT ENROLLMENT INSTRUCTOR QUALIFICATIONS

Per the Higher Learning Commission (HLC), an instructor must possess the following to be eligible for instruction:

- Master's degree in a field directly related to the area of instruction, or a master's degree with at least 18 graduate credit hours in the subject area of instruction; Division Dean will determine if the master's degree is acceptable for the area of instruction.
- Career and Technical Education (CTE) Exception Process: An instructor may be eligible to teach CTE courses should they hold a minimum of a bachelor's degree in a field directly related to the area of instruction, at least 18 credit hours in the discipline of instruction, and a current secondary CTE credential issued through the Colorado Department of Education.

CENSUS DROP AND WITHDRAWAL PROCEDURES

Enrolled students who no longer wish to receive college credit are required to drop or withdraw (depending on when in the semester the student no longer wants to receive college credit) from the course through Aims' Registration and Records Office. Each situation has a different result:

- Dropping: students can drop from a course any time on or before the drop deadline. The deadline to drop is the point marking 15% of the course. Dropped courses do not show on transcripts, and tuition charged for the course is refunded.
- Withdrawing: students can withdraw from a course any time after the drop deadline, up to and including the withdrawal deadline. The withdrawal deadline is the point marking 75% of the course. Withdrawn courses show on a transcript with a "W" grade. The "W" does not negatively affect the student's GPA. Tuition charged remains on the student's account and is due in full.

STUDENTS WITH DISABILITIES

Students with disabilities have the right to access any program offered by the school district as long as they meet all of the same eligibility requirements and prerequisites for enrollment. Students with disabilities are held to the same financial obligations, academic performance expectations, and consequences for both success and failure as all other students. Most options for students with disabilities require advanced planning, so early conversations and decisions are critical. This information should be used in collaboration with the high school guidance counselor, special education providers, parents, and, most importantly, the student, to generate conversation during the transition planning process for students with disabilities. Concurrent Enrollment considerations should align with the student's identified postsecondary goals as well as address any necessary accommodations or services.

What is the process for obtaining accommodations in concurrent enrollment courses? The student must:

- apply to the office of Disability Access Services at Aims to self-identify disability; disabilities@aims.edu or 970-378-3680
- request accommodations;
- provide the necessary documentation. It may be appropriate for the special education teacher to assist the student in this process as a transition service.

Introduction
The primary purpose of a concurrent enrollment program is to increase the educational options and opportunities for Colorado high school students. Concurrent enrollment programs allow well-prepared students to earn credit at the secondary and post-secondary levels simultaneously. Concurrent enrollment programs may reduce the need for remediation, improve high school completion rates, improve matriculation rates to higher education, reduce the costs of higher education for students, provide an alternative to dropping out of school and provide equal access to higher education.

Definition
Concurrent Enrollment: The simultaneous enrollment of a qualified student in a local education provider and in one or more post-secondary courses—including academic or career and technical education courses—at an institution of higher education pursuant to the Concurrent Enrollment Programs Act.

Legal Justification
C.R.S. 22-35-101 to -112 (Concurrent Enrollment Programs Act (CEPA), including the ASCENT Program) Former C.R.S. 22-34-101 (High School Fast Track Program – repealed effective May 21, 2009) Former C.R.S. 22-35-101 (Postsecondary Enrollment Options Act (PSEO) – repealed effective May 21, 2009) Former C.R.S. 22-35.5-101 to 108 (Fast College-Fast Jobs Act – repealed effective May 21, 2009) C.R.S. 22-7-1001 to-1019 (CAP4K).

Statement of Rigor
All courses administered through a concurrent enrollment program shall conform to Aims Community College's academic standards of rigor and the Colorado Community College System curriculum outcomes.

Role of Community Colleges
Aims Community College works with local school districts and state recognized secondary institutions to provide concurrent enrollment opportunities to eligible students.

Purpose of Standards
Colorado community colleges have concurrent enrollment options available to support local education providers. This document provides a set of standards for all concurrent enrollment programs to follow to ensure quality for all students, while allowing the flexibility needed for colleges to design programs that meet the needs of state-recognized secondary institutions in their service areas. Community colleges may be required to submit evidence of implementation of these standards through periodic program reviews conducted by the Higher Learning Commission during self-study visits and by the Colorado Department of Higher Education.

Curriculum

- **Content:** Courses administered through Aims Community College concurrent enrollment programs must be courses approved by the Colorado Common Course Numbering System (CCCNS). These courses will have the same department designations, numbers, titles, credits, course descriptions, competencies and topical outlines as campus-based courses. Course objectives must be included in the instructional plan (syllabus) and introduced during the term.
- **Official Record:** Grades from courses administered through Aims Community College concurrent enrollment programs must be recorded on students' official college and high school transcripts. College courses approved through Concurrent Enrollment must also appear on students' ICAP plans at the local education provider.
- **Philosophy:** Courses administered through Aims Community College concurrent enrollment programs must reflect the learning and student development outcomes of the College.
- **Syllabus Requirement:** All syllabi for concurrent enrollment courses must be approved by the discipline chair or an academic officer of the College by the start of the academic term. Content of the syllabi must meet the same criteria as required for all college courses.
- **Textbooks, Instructional Materials, and Laboratory Facilities:** Textbooks, instructional materials and laboratory facilities used in concurrent enrollment courses must be the same as or comparable to those used in post-secondary courses offered by the College using the same course prefix and number and must be approved by the discipline chair or designee.
- **Tests and Assignments:** Tests, papers, and other assignments shall be at the same level, rigor, relevance and depth as those for all post-secondary courses offered by the College.

Faculty

- **Qualifications:** The College is responsible for ensuring concurrent enrollment courses are taught by qualified faculty. Faculty teaching concurrent enrollment courses must meet the College's academic requirements for teaching respective to college policy.
- **Professional Expectations:** The College will provide all faculty teaching concurrent enrollment courses with training and orientation in these areas: course curriculum, assessment of student learning, course philosophy, student code of conduct and concurrent enrollment program administrative requirements. Faculty teaching concurrent enrollment courses shall be provided with a current college email address and faculty handbook, and they shall adhere to all related professional guidelines, rules and expectations.

- **Student Rights and Responsibilities:** Faculty teaching concurrent enrollment courses shall be provided with current information detailing add/drop and withdrawal policies, student code of conduct, grading policies, critical dates, etc., and are expected to enforce College and/or site instructional guidelines, rules, and expectations.
- **Liaison:** Faculty teaching concurrent enrollment courses shall be connected with a discipline-related instructional contact, a Concurrent Enrollment liaison or department chair.
- **Observation/Evaluation:** Faculty teaching concurrent enrollment courses shall be observed by a college faculty member or designee for evaluation purposes, using the same criteria as is used for all faculty. The College shall conduct course/instructor student evaluations for concurrent enrollment courses consistent with those used in all other college courses.
- **Grades:** Faculty teaching concurrent enrollment courses must observe college procedures/deadlines for submission of grades in appropriate format. Faculty will be advised of college grading expectations/guidelines prior to the start of the term.
- **Faculty Rights and Responsibilities:** Faculty teaching concurrent enrollment courses shall be fully informed of the terms and conditions of employment. Faculty rights and responsibilities will be outlined in the College's human resources official employment practices documents.

Students

- **Eligibility:** Students must be approved by their high school for enrollment into concurrent enrollment courses. Guidelines for student eligibility may include:
  - » Demonstration of readiness to take college courses via acceptable ACT, SAT or Accuplacer scores.
  - » Demonstration through previous high school work of the skills/knowledge necessary to be successful in the concurrent enrollment course, per local education provider guidelines.
  - » Completion of all high school and college prerequisites as required.

Students who desire to enroll in college courses outside of courses approved by the local education provider must meet the College's requirements for admission and enrollment. The local education provider will be responsible for determining if credits are accepted back toward high school completion.

Educational Planning and Advising: Concurrently enrolled students are required to work with a high school and/or community college advisor to develop a post-secondary educational plan.

- **Rights and Responsibilities:** In addition to following the College's discipline and grievance procedures, concurrently enrolled students are expected to follow the College student handbook that outlines their rights and responsibilities as college students.
- **FERPA:** All colleges must comply with the Family Educational Rights and Privacy Act (FERPA). This Act affords students and their parent or guardian certain rights with respect to their educational records. Concurrently enrolled students will be granted the rights of a secondary enrolled student, as defined by the US Department of Education.
- **Special Services:** Concurrently enrolled students who require special services will receive those special services from their home secondary institution, unless otherwise stated in the agreement between the College and the secondary district or school.
- **Student Services:** The availability of student services will vary. Each concurrent enrollment agreement should specify the responsibility of the College to provide service.
- **Assessment of Student Learning:** Concurrently enrolled students are held to the same standards of achievement as those expected of any Aims student. Concurrently enrolled students are assessed using the same methods (papers, portfolios, quizzes, labs, final exams) as any students enrolled in the same course.

Liberal Arts, A.A.

The Associate of Arts degree is awarded to the student who successfully completes a program designed to transfer to a four-year college or university for the purpose of earning a baccalaureate degree. All courses included in General Education in the A.A. degree are intended to transfer.

Liberal Arts, A.S.

The Associate of Science degree is awarded to the student who successfully completes a program designed to transfer to a four-year college or university for the purpose of earning a baccalaureate degree. All courses included in the General Education A.S. degree are intended to transfer.

Associate of General Studies, A.G.S.

The Associate of General Studies degree includes selected professional courses and serves students who need an individualized or professional degree program towards job requirements, career advancement, and/or personal development. The A.G.S degree does not guarantee transferability.

For details and a list of the degrees and certificates available, visit aims.edu/degrees-certificates

Guaranteed Transfer (GT) Pathways
GT Pathways courses, in which the student earns a C- or higher, will always transfer and apply to GT Pathways requirements in AA, AS and most bachelor's degrees at every public Colorado college and university*. GT Pathways does not apply to some degrees (such as many engineering, computer science, nursing and other degrees). Students should always seek advising from the appropriate advisor at the college or university they plan to attend to ensure appropriate course selection for the desired degree.

**The designated GT Pathways category will be noted with the appropriate courses in the course listings.*

General Education Curriculum
Written Communication — 6 credit hours (2 courses)

Introductory Writing Course (GT-CO1) and Intermediate Writing Course (GT-CO2)
OR
Intermediate Writing Course (GT-CO2) and Advanced Writing Course (GT-CO3)

Mathematics — 3 credit hours (1 course, or a series of three 1-credit courses) (GT-MA1)

Arts & Humanities, History and Social & Behavioral Sciences — 15 credit hours

Arts & Humanities — 2 courses (minimum 3 credits each)
- Arts & Expression (GT-AH1)
- Literature & Humanities (GT-AH2)
- Ways of Thinking (GT-AH3)
- World Languages (must be intermediate/200 level) (GT-AH4)

History — 1 course (minimum 3 credits) (GT-HI1)

Social & Behavioral Sciences — 1 course (minimum 3 credits)
- Economic or Political Systems (GT-SS1)
- Geography (GT-SS2)
- Human Behavior, Culture, or Social Frameworks (GT-SS3)

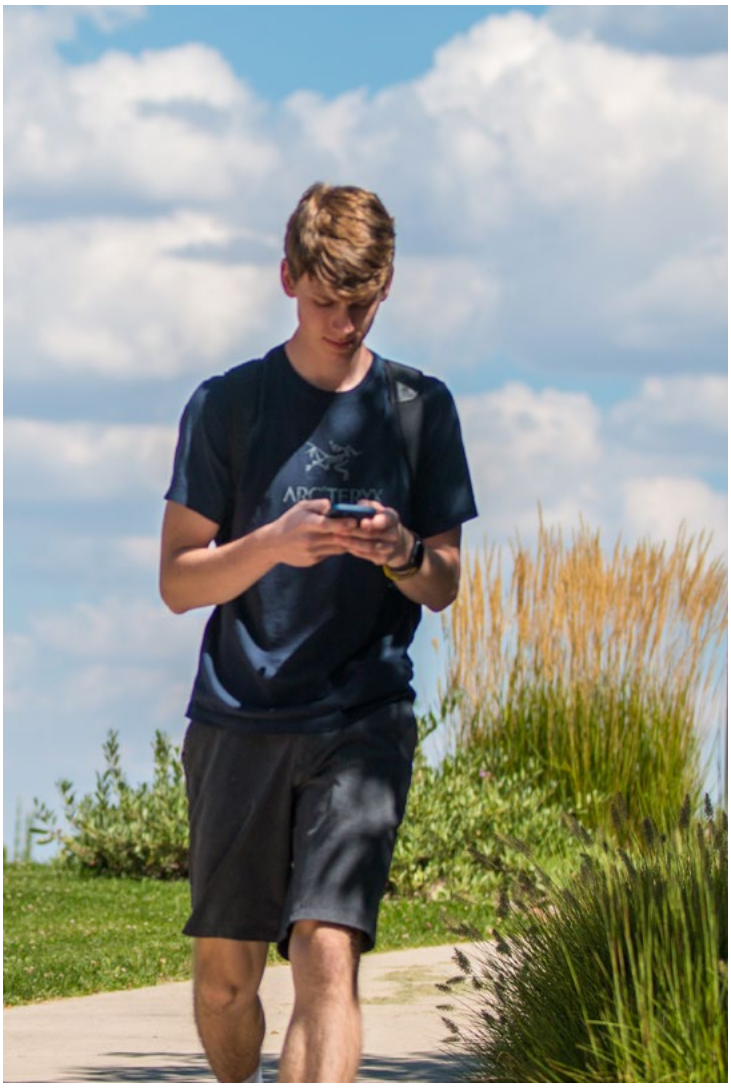
Natural & Physical Sciences — 7 credit hours (2 courses, one of which must be GT-SC1)
- Course with required laboratory (GT-SC1)
- Lecture course without required laboratory (GT-SC2)

**Courses falling into one of the above categories will be noted in the individual course listing section.*

For more information on Guaranteed Transfer courses, please visit:

cdhe.colorado.gov/students/attending-college/credit-transfer/guaranteed-transfer-gt-pathways-general-education

If a course is not listed in this catalog, please contact High School Programs for more information.



COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
AAA 1009 Advanced Academic Achievement 3 credits	Examines theories and practices associated with successful learning to enhance college success. Techniques covered include academic proficiency, personal management, effective collegiate communication, critical and creative thinking, development of community, awareness of diverse identities, and educational and career planning.	None	No required text, supplies, materials. OER materials provided via Aims' D2L. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in any subject plus completion of EDU 2221 Effective Teaching OR master's degree in a related field (education, counseling, psychology, or closely related discipline) OR bachelor's degree in any academic discipline plus 15 graduate level credit hours in a related field (education, counseling, psychology, or closely related discipline) OR 6,000 hours (full-time equivalent) occupational experience in a higher education institution with direct student interaction plus completion of EDU 2221 Effective Teaching.
AAA 1001 College 101: The Student Experience 1 credit	Introduces students to college culture and prepares them for the challenges they will face in higher education. Through a series of interactive seminars, students discover learning in a multicultural environment and use college and community resources to attain education and career goals. Course is not repeatable for credit.	None	No required text, supplies, materials. OER materials provided via Aims' D2L. Site visit not required. Course contact time: 750 minutes	High school classroom capacity	Master's degree in any subject plus completion of EDU 2221 Effective Teaching OR master's degree in a related field (education, counseling, psychology, or closely related discipline) OR bachelor's degree in any academic discipline plus 15 graduate level credit hours in a related field (education, counseling, psychology, or closely related discipline) OR 6,000 hours (full-time equivalent) occupational experience in a higher education institution with direct student interaction plus completion of EDU 2221 Effective Teaching.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
ACC 1001 Fundamentals of Accounting 3 credits	Introduces accounting fundamentals with emphasis on the procedures and practices used in business organizations. Major topics include the accounting cycle for service and merchandising companies, including end-of-period reporting.	None	No required materials; however, text must be approved by Business Department Chair. Site visit not required. Course contact time: 2,250 minutes	24	BA degree in Accounting, Business Administration or Business Education OR Associate degree in Accounting plus 4000 professional work experience AND CTE credential.
ACC 1032 Tax Help Colorado 2 credits	Examines the preparation of individual, federal, & state tax returns within the guidelines & limitations set forth by the Tax Help Colorado program and IRS guidelines. Emphasis is places on form preparation with the use of tax software.	None	Yes; text provided by IRS. Site visit not required. Course contact time: 1,500 minutes	24	Instructor must complete training through PITON Foundation. BA in Business or Business Education AND CTE credential.
ACC 1033 Tax Help Colorado Practicum 1 credit	Utilizes income tax knowledge & training in the context of a community service setting. Volunteers prepare individual federal & state income tax returns within the parameters of the Tax Help Colorado Program and the Internal Revenue Service (IRS) guidelines.	ACC 1032 with a grade of C or better	Yes; text provided by IRS. Site visit not required. Course contact time: 750 minutes This course also requires time in one of the tax help sites. 30 hours minimum time for a letter grade of C, 40 hours of minimum time for a letter grade of A.	24	Instructor must complete training through PITON Foundation. BA in Business or Business Education AND CTE credential.
ACT 1001 Intro to Automotive Collision Technology 4 credits	Provides an orientation to the automotive collision repair industry which includes an overview of job possibilities & various types of automobile construction. This course covers names, uses and maintenance procedures for a variety of tools & equipment w/ a focus on general collision repair and refinishing, shop safety procedures w/ an emphasis on personal & environmental safety issues and proper handling & disposal of hazardous materials.	None	Approved footwear and safety glasses. Uniforms may be required — check with HSP. Site visit required. Course contact time: 5,400 minutes All ACT courses follow the I-CAR curriculum.	18	Associate of applied science degree in automotive collision technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
ACT 1021 Non-Structural Repair Preparation 3 credits	Covers the basic characteristics of preparation for automotive repair. Students familiarize themselves with damage analysis, extent of damage and the sequence of repair. Focuses on removal of vehicle components and protection of panels along with storage and labeling of parts. Safety procedures and equipment use are included.	ACT 1001 with a grade of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. Site visit required. Course contact time: 4,050 minutes All ACT courses follow the I-CAR curriculum.	18	Associate of applied science degree in automotive collision technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
ACT 1023 Metal Finishing & Body Filling 3 credits	Covers metal finishing, metal shrinking and the use of cosmetic fillers. Emphasis is placed on the use of proper tools required to perform these tasks, including use, selection and safety procedures for tools and equipment selected. Paintless Dent Repair (PDR) tools will also be introduced in this course along with beginning level repair techniques.	ACT 1001 with a grade of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. Site visit required. Course contact time: 4,050 minutes All ACT courses follow the I-CAR curriculum.	18	Associate of applied science degree in automotive collision technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
ACT 1041 Refinishing Safety 1 credit	Covers correct use of safety procedures used in refinishing. Proper fit and use of various types of protective equipment is emphasized. The identification of tools and equipment, with use.	ACT 1001 with a grade of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. Site visit required. Course contact time: 1,350 minutes All ACT courses follow the I-CAR curriculum.	18	Associate of applied science degree in automotive collision technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
ACT 1042 Surface Preparation I 2 credits	Performs surface preparation for refinishing including cleaning, sanding, feather edging, chemical treatment of bare materials, and priming. The application of primers includes rationale and use of colored primers and sealers. In addition, the course will cover spot-priming for repaired areas.	ACT 1041 with a grade of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. Site visit required. Course contact time: 2,700 minutes All ACT courses follow the I-CAR curriculum.	18	Associate of applied science degree in automotive collision technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
ACT 1043 Spray Equipment Operation 2 credits	Covers the inspection, cleaning and determination of the condition of spray guns and related equipment. Students learn skills for adjusting spray guns by setting- up and testing spray gun operations.	ACT 1042 with a grade of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. Site visit required. Course contact time: 2,700 minutes All ACT courses follow the I-CAR curriculum.	18	Associate of applied science degree in automotive collision technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
ACT 1044 Refinishing Safety I 2 credits	Provides the knowledge needed for application and use of automotive paint systems. Course includes locating color codes, mixing formulas, matching and selections of materials. Proper paint gun usage and adjustments is taught for the product being applied. In addition, the student practices correct masking and detailing techniques.	ACT 1042 and 1043, both with a grade of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. Site visit required. Course contact time: 2,700 minutes All ACT courses follow the I-CAR curriculum.	18	Associate of applied science degree in automotive collision technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
ACT 1051 Plastics and Adhesives I 1 credit	Designed to teach the state-of-the-art repair for both rigid and flexible plastic components and choosing adhesives using the latest manufacturer's repair techniques.	ACT 1001 with a grade of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. Site visit required. Course contact time: 1,350 minutes All ACT courses follow the I-CAR curriculum.	18	Associate of applied science degree in automotive collision technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
ACT 2042 Surface Preparation II 2 credits	Emphasizes surface preparation for refinishing including cleaning, sanding, feather edging, chemical treatment of bare metals and priming. The application of primers, including why and where using them is covered.	ACT 1044 with a grade of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. Site visit required. Course contact time: 2,700 minutes All ACT courses follow the I-CAR curriculum.	18	Associate of applied science degree in automotive collision technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
ACT 2051 Plastics & Adhesives II 1 credit	Emphasizes advanced plastic and adhesives. The current state-of-the-art repair for both rigid and flexible plastic components using the latest manufacturer's repair techniques are presented. Sheet Molded Compound procedures and the use of proper adhesives is covered. Course is not repeatable for credit.	ACT 1051 with a grade of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. Site visit required. Course contact time: 1,350 minutes All ACT courses follow the I-CAR curriculum.	18	Associate of applied science degree in automotive collision technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
ACT 2042 Surface Preparation II 2 credits	Emphasizes surface preparation for refinishing including cleaning, sanding, feather edging, chemical treatment of bare metals and priming. The application of primers, including why and where using them is covered.	ACT 1044 with a grade of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. Site visit required. Course contact time: 2,700 minutes All ACT courses follow the I-CAR curriculum.	18	Associate of applied science degree in automotive collision technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
ACT 2051 Plastics & Adhesives II 1 credit	Emphasizes advanced plastic and adhesives. The current state-of-the-art repair for both rigid and flexible plastic components using the latest manufacturer's repair techniques are presented. Sheet Molded Compound procedures and the use of proper adhesives is covered. Course is not repeatable for credit.	ACT 1051 with a grade of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. Site visit required. Course contact time: 1,350 minutes All ACT courses follow the I-CAR curriculum.	18	Associate of applied science degree in automotive collision technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
AEC 1200 Print Reading Residential & Commercial 3 credits	Interpret construction prints and the related documents produced by the residential or commercial architect and used in the construction industry.	None	Textbook required. See Aims bookstore or contact the department chair. No required equipment. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in construction management or in a related field plus 2,000 hours of industry experience OR associate degree in construction management or in a related field plus 4,000 hours of industry experience. Industry experience should be in the last 10 years. Industry experience older than 10 years will be considered if the candidate has been continuously teaching in the content area since that time. Faculty must have an Aims CTE Credential to teach these courses.
AEC 1520 Construction Materials & Systems 3 credits	Examines building materials and construction techniques. Topics include a study of soils, concrete, brick, masonry, steel, timber, and plastics and a study of types of building structural systems and components. Principles of interpreting light commercial construction drawings (blueprints) for structural and trade information are also introduced.	None	Textbook required. See Aims bookstore for contact the department chair. No required equipment. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in construction management or in a related field plus 2,000 hours of industry experience OR associate degree in construction management or in a related field plus 4,000 hours of industry experience. Industry experience should be in the last 10 years. Industry experience older than 10 years will be considered if the candidate has been continuously teaching in the content area since that time. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
AEC 2550 Building Electrical/ Mechanical Systems 3 credits	Acquaints the student with electrical and mechanical equipment and systems in buildings. Lectures cover the basic principles of electrical distribution, artificial lighting, fire protection, plumbing systems and heating, ventilating and air conditioning (HVAC) systems. Course is not repeatable for credit.	None	Textbook required. See Aims bookstore or contact the department chair. No required equipment. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in construction management or in a related field plus 2,000 hours of industry experience OR associate degree in construction management or in a related field plus 4,000 hours of industry experience. Industry experience should be in the last 10 years. Industry experience older than 10 years will be considered if the candidate has been continuously teaching in the content area since that time. Faculty must have an Aims CTE Credential to teach these courses.
AEC 2600 Construction Methods, Equipment and Planning 2 credits	Investigates construction equipment capabilities, requirements, and associated methods. Also focuses on basic management and scheduling principles and procedures. Course is not repeatable for credit.	None	Textbook required. See Aims bookstore or contact the department chair. No required equipment. Site visit not required. Course contact time: 1,875 minutes	High school classroom capacity	Bachelor's degree in construction management or in a related field plus 2,000 hours of industry experience OR associate degree in construction management or in a related field plus 4,000 hours of industry experience. Industry experience should be in the last 10 years. Industry experience older than 10 years will be considered if the candidate has been continuously teaching in the content area since that time. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
AEC 2660 Construction Safety/Loss Prevention 2 credits	Explores construction site hazards and unsafe practices, related health and safety regulations and standards and loss/theft prevention. Training in basic first aid and CPR is included.	None	No required text/equipment. Site visit not required. Course contact time: 1,875 minutes	High school classroom capacity	Bachelor's degree in construction management or in a related field plus 2,000 hours of industry experience OR associate degree in construction management or in a related field plus 4,000 hours of industry experience. Industry experience should be in the last 10 years. Industry experience older than 10 years will be considered if the candidate has been continuously teaching in the content area since that time. Faculty must have an Aims CTE Credential to teach these courses.
AEC 2700 International Building Codes 3 credits	A study is made of the restrictions, standards, and requirements that in the interest of public safety and welfare have been established by law to govern the construction of buildings and their materials. Specifications are developed to describe building materials to be furnished and how they are to be installed. Course is not repeatable for credit.	None	Textbook required. See Aims bookstore or contact the department chair. No required equipment. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in construction management or in a related field plus 2,000 hours of industry experience OR associate degree in construction management or in a related field plus 4,000 hours of industry experience. Industry experience should be in the last 10 years. Industry experience older than 10 years will be considered if the candidate has been continuously teaching in the content area since that time. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
ANT 1001 Cultural Anthroplogy [SS3] 3 credits	Examines the study of human cultural patterns, including communication, economic systems, social and political organizations, religion, healing systems, and cultural change. This is a statewide Guaranteed Transfer course in the GT-SS3 category. Course is not repeatable for credit.	None	No specific text required. Chosen textbooks or ethnographies should be approved by the chair.	High school classroom capacity	Masters degree in Anthropology or a masters degree plus at least 18 graduate level credits in Anthropology.
ART 1002 Visual Concepts 2D Design 3 credits	Examines the basic elements of design, visual perception, and artistic form and composition as they relate to two-dimensional media.	None	No required materials; text must be approved by Visual & Performing Arts chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in 2-D media (painting, drawing, or printmaking) OR making satisfactory progress toward a master's degree with at least 18 graduate level credit hours in 2-D media completed.
ART 1003 3D Design 3 credits	Introduces the fundamentals of three-dimensional design, form, and space. The course applies the elements and principles of design to three-dimensional problems.	None	No required materials; text must be approved by Visual & Performing Arts chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capcity	Master's degree in 3-D media OR making satisfactory progress toward a master's degree with at least 18 graduate level credit hours in 3-D completed.
ART 1110 Art Appreciation [AH1] 5 credits	Introduces the cultural significance of the visual arts, including media, processes, techniques, traditions, and terminology. This is a statewide Guaranteed Transfer course in the GT-AH1 category.	None	No required materials; text must be approved by Visual & Performing Arts chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in art history, history of art and architecture, or visual culture, OR master's degree including 18 graduate level credit hours in art history.
ASC 1100 Animal Sciences 3 credits	Covers the basic fundamentals of livestock production including the principles of nutrition, reproduction, breeding, genetics, health, and physiology of cattle, sheep, swine, horses, and other farm species. Trends and issues in animal science and animal agriculture are also discussed in this course. Course is not repeatable for credit.	None	Textbook: Scientific Farm Animal Production, 12th Edition, Field and Taylor ISBN-13: 978-0135187258 (12th Edition) ISBN-10: 0135187257 (12th Edition) Site visit not required. Contact hours: 45 hours, lecture	20-25	Must be a credentialed Aims instructor, Master's degree+ for both courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
ASC 1101 Animal Sciences Lab 1 credit	Focuses on practical and laboratory applications of the fundamentals of livestock production and animal science. Course is not repeatable for credit.	None	Textbook not required; can use same as ASC 1100 Supplies: Based on labs utilized, need animal science supplies Site visit recommended. Contact time: 1 hour, lab	20-25	Must be a credentialed Aims instructor, Master's degree+ for both courses.
ASE 1001 Auto Shop Orientation 2 credits	Covers safety instruction in the shop and on the automobile. Emphasis on the proper use and care of test equipment, precision measuring and machining equipment, gaskets, adhesives, tubing, wiring, jacks, presses, and cleaning equipment and techniques.	None	Approved footwear and safety glasses. Uniforms may be required — check with HSP. All ASE courses require curriculum following the ASE/NATEF requirements (CDX, Electude, etc.) Site visit required. Course contact time: 2,700 minutes	18	Associate of applied science degree in automotive service technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
ASE 1010 Automotive Brake Service I 2 credits	Introduces the basic theory of automotive braking systems including operation, diagnosis, basic repair of disc and drum friction assemblies, and basic hydraulic braking systems. This course meets MLR/AST/MAST program accreditation requirements.	ASE 1070 or DPM 1000 and DPM 1001 with grades of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. All ASE courses require curriculum following the ASE/NATEF requirements (CDX, Electude, etc.) Site visit required. Course contact time: 2,700 minutes	18	Associate of applied science degree in automotive service technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTIONS	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
ASE 1011 Automotive Brake Service II 2 credits	Covers diagnostics, test procedures, and repair to automotive foundation braking system. This course also introduces the components, types of Antilock Braking Systems (ABS), and traction control systems of current vehicles. This course meets MLR/ AST/MAST program accreditation requirements.	ASE 1010 with a grade of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. All ASE courses require curriculum following the ASE/NATEF requirements (CDX, Electude, etc.) Site visit required. Course contact time: 2,700 minutes	18	Associate of applied science degree in automotive service technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
ASE 1020 Basic Automotive Electricity 2 credits	Introduces vehicle electricity, basic electrical theory, circuit designs, and wiring methods. This course focuses on multimeter usage and wiring diagrams. This course meets MLR/ AST/MAST requirements.	ASE 1070 or DPM 1000 and DPM 1001 with grades of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. All ASE courses require curriculum following the ASE/NATEF requirements (CDX, Electude, etc.) Site visit required. Course contact time: 2,700 minutes	18	Associate of applied science degree in automotive service technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
ASE 1022 Automotive Electrical Safety Systems 1 credit	Covers the operation of electrical systems including vehicles safety concerns of vehicle lighting systems, Supplemental Inflatable Restraints (SIR), windshield wipers, driver warning systems, and vehicle accessories. This course meets MLR/AST/MAST program requirements.	ASE 1020 with a grade of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. All ASE courses require curriculum following the ASE/NATEF requirements (CDX, Electude, etc.) Site visit required. Course contact time: 2,700 minutes	18	Associate of applied science degree in automotive service technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
ASE 1023 Starting/Charging Systems 2 credits	Covers the operation and theory of a vehicle battery, testing, service, and repair of starting and charging systems including voltage testing, draw testing. This course meets MLR/AST/MAST program requirements.	ASE 1022 with a grade of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. All ASE courses require curriculum following the ASE/NATEF requirements (CDX, Electude, etc.) Site visit required. Course contact time: 2,700 minutes	18	Associate of applied science degree in automotive service technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
ASE 1030 General Engine Diagnosis 2 credits	Covers how to perform basic engine diagnosis to determine condition of engine including engine support systems. This course meets MLR/AST/MAST requirements.	ASE 1070 or DPM 1000 and DPM 1001 with grades of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. All ASE courses require curriculum following the ASE/NATEF requirements (CDX, Electude, etc.) Site visit required. Course contact time: 2,700 minutes	18	Associate of applied science degree in automotive service technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
ASE 1034 Automotive Fuel & Emission Systems 2 credits	Focuses on the diagnosis and repair of automotive fuel emission control systems, filter systems, and spark plugs. This course also includes maintenance to Diesel Exhaust Fluid (DEF) systems.	ASE 1030 with a grade of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. All ASE courses require curriculum following the ASE/NATEF requirements (CDX, Electude, etc.) Site visit required. Course contact time: 2,700 minutes	18	Associate of applied science degree in automotive service technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES,MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
ASE 1040 Suspension & Steering I 2 credits	Focuses on diagnosis and service of suspension and steering systems and components. This course meets MLR/AST/MAST requirements.	ASE 1070 or DPM 1000 and DPM 1001 with grades of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. All ASE courses require curriculum following the ASE/NATEF requirements (CDX, Electude, etc.) Site visit required. Course contact time: 2,700 minutes	18	Associate of applied science degree in automotive service technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
ASE 1041 Suspension & Steering II 2 credits	Covers design, diagnosis, inspection, service of suspension, and steering systems used on light trucks and automobiles including power steering and Supplemental Restraint System (SRS) service. This course meets AST/MAST requirements.	ASE 1040 with a grade of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. All ASE courses require curriculum following the ASE/NATEF requirements (CDX, Electude, etc.) Site visit required. Course contact time: 2,700 minutes	18	Associate of applied science degree in automotive service technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
ASE 1050 Manual Drive Train & Axle Maintenance 2 credits	Covers the operating principles and repair procedures relating to axle-shafts, propeller shafts, and universal joints. This course meets MLR/AST/MAST requirements.	ASE 1070 or DPM 1000 and DPM 1001 with grades of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. All ASE courses require curriculum following the ASE/NATEF requirements (CDX, Electude, etc.) Site visit required. Course contact time: 2,700 minutes	18	Associate of applied science degree in automotive service technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.

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ASE 1062 Automotive Engine Service & Repair 2 credits	Covers engine sealing requirements and repair procedures including engine fasteners, bolt torque, repair of fasteners, cooling system, and basic engine maintenance. This course meets AST/MAST requirements.	ASE 1023 with a grade of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. All ASE courses require curriculum following the ASE/ NATEF requirements (CDX, Electude, etc.) Site visit required. Course contact time: 2,700 minutes	18	Associate of applied science degree in automotive service technology or related area plus 4,000 hours relevant experience OR a current industry license/ certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
ASE 1070 Laboratory Experience 1 credit	Continues to build upon principles that are expected to be understood by students. Course is repeatable with a maximum of 6 credit hours.	ASE 1001 or DPM 1001 with a grade of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. All ASE courses require curriculum following the ASE/ NATEF requirements (CDX, Electude, etc.) Site visit required. Course contact time: 1,350 minutes	18	Associate of applied science degree in automotive service technology or related area plus 4,000 hours relevant experience OR a current industry license/ certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES,MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
ASE 2050 Automatic Transmission/ Transaxle Service 1 credit	Focuses on practical methods of maintaining, servicing, and performing minor adjustments on an automatic transmission and transaxle. This course meets MLR/AST/MAST requirements.	ASE 1070 or DPM 1000 and DPM 1001 with grades of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. All ASE courses require curriculum following the ASE/NATEF requirements (CDX, Electude, etc.) Site visit required. Course contact time: 1,350 minutes	18	Associate of applied science degree in automotive service technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
ASE 2064 Intro to Automotive Heating & Air Conditioning 1 credit	Covers basic operation of heating and air conditioning components. This course meets MLR/ AST/MAST requirements.	ASE 1070 or DPM 1000 and DPM 1001 with grades of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. All ASE courses require curriculum following the ASE/NATEF requirements (CDX, Electude, etc.) Site visit required. Course contact time: 1,350 minutes	18	Associate of applied science degree in automotive service technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
ASE 2095 Intro to Automotive Heating & Air Conditioning Systems 3 credits	Covers the diagnosis and service of vehicle heating and air conditioning systems and their components. This course meets AST/MAST requirements.	ASE 1001 and ASE 1070 or DPM 1000 and DPM 1001, and ASE 2064 with grades of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. All ASE courses require curriculum following the ASE/NATEF requirements (CDX, Electude, etc.) Site visit required. Course contact time: 4,050 minutes	18	Associate of applied science degree in automotive service technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
ASE 2192 Automotive Computers & Ignition Systems 3 credits	Focuses on the inspection and testing of typical computerized engine control and ignition systems. This course meets AST/MAST requirements.	ASE 1001 and ASE 1070 or DPM 1000 and DPM 1001 and ASE 1020, ASE 1022, ASE 1023 and ASE 1030 with grades of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. All ASE courses require curriculum following the ASE/NATEF requirements (CDX, Electude, etc.) Site visit required. Course contact time: 1,350 minutes	18	Associate of applied science degree in automotive service technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
ASE 2193 Auto Fuel Injection and Emissions Systems II 3 credits	Focuses on the diagnosis and repair of electronic fuel injection systems and modern exhaust systems. This course meets AST/MAST requirements.	ASE 1001 and ASE 1070 or DPM 1000 and DPM 1001 and ASE 1030 with grades of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. All ASE courses require curriculum following the ASE/NATEF requirements (CDX, Electude, etc.) Site visit required. Course contact time: 4,050 minutes	18	Associate of applied science degree in automotive service technology or related area plus 4,000 hours relevant experience OR a current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
ASL 1101 Basic Sign Language I 3 credits	Provides students with the basic knowledge of communicating with the deaf community. Students will develop basic vocabulary and conversational skills and will be introduced to aspects of the deaf culture and community.	None	No required materials; however, materials/ text must be approved by World Languages Department Chair. Site visit not required. Course contact time: 2,250 minutes	22	Master's degree in American Sign Language OR Master's degree in a related area including 18 graduate level credit hours in American Sign Language.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
ASL 1102 Basic Sign Language II 3 credits	Continues the sequence for students who want to learn basic conversational patterns to communicate with the Deaf community. The material covers basic vocabulary and conversational skills, and aspects of the Deaf culture and community.	ASL 1101 with a grade of C or better	No required materials; however, materials/ text must be approved by World Languages Department Chair. Site visit not required. Course contact time: 2,250 minutes	22	Master's degree in American Sign Language OR Master's degree in a related area including 18 graduate level credit hours in American Sign Language.
ASL 1121 American Sign Language I 5 credits	Exposes the student to American Sign Language. Readiness activities are conducted focusing on visual/receptive skills and basic communication. Utilizes the direct experience method.	No prerequisites. Students must complete this course with a B or higher to pass the ASL proficiency test with a score of at least 80% or better prior to registering for ASL 1122 — if planning to enroll in the Interpreter Preparation Program.	No required materials; however, materials/ text must be approved by World Languages Department Chair. Site visit not required. Course contact time: 4,500 minutes	High school classroom capacity	Master's degree in American Sign Language OR Master's degree in a related area including 18 graduate level credit hours in American Sign Language.
ASL 1122 American Sign Language II 5 credits	Provides students with the knowledge necessary to understand, identify and perform necessary tasks involved in supporting a network. Covers the vendor-independent networking skills and concepts that affect all aspects of networking, such as installing and configuring the TCP/IP. This course also prepares students for the Networking II: Network + course.	The prerequisite for this class is ASL 1122 with a C or better. Students must complete this course with a B or higher or pass the ASL 1121 proficiency test at 80% or better prior to acceptance into the Interpreting and Transliterating Preparation Program.	No required materials; however, materials/ text must be approved by World Languages Department Chair. Site visit not required. Course contact time: 4,500 minutes	High school classroom capacity	Master's degree in American Sign Language OR Master's degree in a related area including 18 graduate level credit hours in American Sign Language.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES,MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
AST 1110 Astronomy with Lab: Planetary Astronomy [SC1] 4 credits	Focuses on the history of astronomy, naked-eye sky observation, tools of the astronomer, contents of the solar system & life in the universe. Incorporates laboratory experience. This is a statewide Guaranteed Transfer course in the GT-SC1 category.	Recommended: ENG 1021 and MAT 1340 to be completed prior to or concurrently.	Required text and supplies — contact HSP for info. Site visit required. Course contact time: 3,750 minutes	Capped at 24 students per section	Master's degree in Astronomy, Physics or Astrophysics.
AST 1120 Astronomy with Lab: Stars & Galaxies [SC1] 4 credits	Emphasizes the structure and cycle of the stars, the sun, galaxies and the universe as a whole, including cosmology and relatively. Incorporates laboratory experience. This is a statewide Guaranteed Transfer course in the GT-SC1 category.	Recommended: ENG 1021 and MAT 1340 to be completed prior to or concurrently.	Required text and supplies — contact HSP for info. Site visit required. Course contact time: 3,750 minutes	Capped at 24 students per section	Master's degree in Astronomy, Physics or Astrophysics.
AVT 1001 Private Pilot Ground 4 credits	Prepares student for the Private Pilot Airplane, Single Engine, Land ~ FAA Knowledge Exam. Restricted to Air Traffic Control, General Aviation Pilot, or Professional Pilot majors only.	None	Required text and supplies — contact HSP for info. Site visit not required. Course contact time: 3,600 minutes	High school classroom capacity	Associate of applied science degree or higher (BS, MS, etc.) plus either FAA Certified Flight Instructor (CFI) Certificate or FAA Ground Instructor Certificate plus a minumum of 190 logged flight hours.
AVT 1005 Aviation Meteorology 4 credits	Focuses on recognition, interpretation and evaluation of atmospheric weather as it relates to and affects aviation. Restricted to Air Traffic Control, General Aviation Pilot, or Professional Pilot majors only.	None	Required text and supplies — contact HSP for info. Site visit not required. Course contact time: 3,600 minutes	High school classroom capacity	BA degree and FAA BGI (Basic Ground Instructor) or FAA CFI (Certified Flight Instructor) OR associate's degree and FAA BGI OR FAA CFI AND CTE credential.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
AVT 1007 Aviation Discovery 3 credits	Explores the beginning of aviation to aviation in the future. Included in this course will be a look at the history of airships, aviation pioneers, Federal Aviation Administration, Air Traffic Control, aviation airspace, aviation weather, future aviation & careers in aviation.	None	Required text and supplies — contact HSP for info. Site visit not required. Course contact time: 2,250 minutes	Capped at 20 students per section	Bachelor's degree and FAA BGI (Basic Ground Instructor) OR FAA CFI (Certified Flight Instructor) OR Bachelor's degree and FAA FAA OJT Instructor Course & FAA CPC (Certified Professional Controller OR Associate Degree or Military Air Traffic Controller and FAA OJT Instructor course, FAA CPC (Certified Professional controller and a minimum of 4000 hours experience as a civilian air traffic controller OR associate Degree and FAA BGI (Basic Ground Instructor or FAA CFI (Certified Flight Instructor) AND CTE credential.
BIO 1005 Science of Biology [SC1] 4 credits	Examines the basics of biology in the modern world & surveys the current knowledge & conceptual framework of the discipline. Explores biology as a science, a process of gaining new knowledge, and the impact of biological science on society This course includes a laboratory experience. Designed for non-science majors. This is a statewide Guaranteed Transfer course in the SC1 category.	Recommended: ENG 1021 to be completed prior to or concurrently.	Required text, manual and labs — contact HSP for info. Site visit not required. Course contact time: 3,750 minutes	Capped at 24 students per section	Master's degree in Biological Science (botany, zoology, ecology, microbiology, etc.), Biochemistry or Biophysics.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
BIO 1006 Basic Anatomy & Physiology 4 credits	Focuses on the basic knowledge of body structures and function, and provides a foundation for understanding deviations from normal and disease conditions. This course is designed for individuals interested in health care and is directly applicable to the Practical Nursing Program, Paramedic Program and the Medical Office Technology Program.	Recommended: ENG 1021 to be completed prior to or concurrently.	Required text, manual and labs — contact HSP for info. Site visit not required. Course contact time: 3,750 minutes	Capped at 24 students per section	Master's degree in biology, anatomy and physiology, sports exercise science or professional degree (MD, DDS, DMD, DC)
BIO 1111 General College Biology I w/Lab [SC1] 5 credits	Examines the fundamental molecular, cellular and genetic principles characterizing plants & animals. Includes cell structure and function and the metabolic processes of respiration, and photosynthesis, as well as cell reproduction and basic concepts of heredity. This course includes laboratory experience. This course is a statewide Guaranteed Transfer course in the GT-SC1 category.	Pass BIO 1005 with a grade of C or better. Students who have completed one year of high school biology within the last seven years with a grade of C or better or have scored 70% or higher on the BIO 1005 test out exam may be eligible for a prerequisite override. It is recommended that ENG 1021 and MAT 1340 be completed prior to or be taken concurrently with this course.	Required text, manual and labs — contact HSP for info. Site visit not required. Course contact time: 4,500 minutes	Capped at 24 students per section	Master's degree in Biological Science (botany, zoology, ecology, microbiology, etc.), Biochemistry or Biophysics.
BIO 1112 General College Biology II w/Lab [SC1] 5 credits	Examines the fundamental principles of ecology, evolution, classification, structure, & function in plants & animals. This course includes a laboratory experience. This is a statewide Guaranteed Transfer course in the GT-SC1 category.	Pass BIO 1005 or BIO 1111 with a C or better. Students who have completed one year of high school biology within the last seven years with a grade of "C" or better, or have scored 70% or higher on the BIO 1005 or BIO 1111 test out exam may be eligible for a prerequisite override.	Required text, manual and labs — contact HSP for info. Site visit not required. Course contact time: 4,500 minutes	Capped at 24 students per section	Master's degree in Biological Science (botany, zoology, ecology, microbiology, etc.), Biochemistry or Biophysics.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES,MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
BUS 1015 Introduction to Business 3 credits	Introduces the application of fundamental business principles to local, national, and international forums. This course examines the relationship of economic systems, governance, regulations and law upon business operations. It surveys the concepts of career development, business ownership, finance and accounting, economics, marketing, management, operations, human resources, regulations, and business ethics.	None	If course is offered as part of the High School of Business (HSB) curriculum, the HSB curriculum must be used. If not, Aims' Business Department has a required text — contact HSP for info. Site visit not required. Course contact time: 2,250 minutes	Capped at 24 students per section	Master's degree in a business-related area to include 18 graduate credits in the content area OR Bachelor's degree in business-related area with 5000 hours of professional work experience in the field AND CTE credential.
BUS 1020 Introduction to E-Commerce 3 credits	Focuses on principles of e-commerce from a business perspective, providing an overview of business and technology topics, business models, virtual value chains and social innovation and marketing strategies. The course also covers security, privacy, intellectual property rights, authentication, encryption, acceptable use policies, and legal and ethical liabilities.	None	Text approved by department chair. Site visit not required. Course contact time: 2,250 minutes	Capped at 24 students per section	Bachelor's degree in Business AND CTE credential required.
BUS 2016 Legal Environment of Business 3 credits	Emphasizes public law, regulation of business, ethical consideration, and various relationships existing within society, government, & business. Specific attention is given to economic regulation, social regulation, labor-management issues, environmental issues, and contract fundamentals. This course analyzes the role of law in social, political, & economic change business environments.	None	Required text — contact HSP for text. Instructor is required to utilize Aims' D2L course shell. Site visit not required. Course contact time: 2,250 minutes	Capped at 24 students per section	Master's degree in a business-related area to include 18 graduate credits in the content area OR Bachelor's degree in business-related area with 5000 hours of professional work experience in the field AND CTE credential.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES,MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
BUS 2017 Business Communication & Report Writing 3 credits	Emphasizes effective business writing and cover letters, memoranda, reports, application letters and resumes. Includes the fundamentals of business communication and an introduction to international communication.	None	Required text — contact HSP for text. Instructor is required to utilize Aims' D2L course shell. Site visit not required. Course contact time: 2,250 minutes	Capped at 24 students per section	Master's degree in a business-related area to include 18 graduate credits in the content area OR Bachelor's degree in business- related area with 5000 hours of professional work experience in the field AND CTE credential.
CAD 1100 Print Reading for Computer Aided Drafting 3 credits	Covers linetype identification, use of lineweights, file management, prototype/ template creation using AutoCAD. Covers interpretation of industry standards in dimensioning, symbology, drawing notes, scales, and reading working drawings. Architecture, engineering, design related, civil/survey, manufacturing, HVAC, and welding are industries discussed in this course. Course is not repeatable for credit.	None	Textbook required. See Aims bookstore or confirm with department chair. CAD software and computers capable of supporting CAD software. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in a relevant field (engineering, construction, etc.) plus 2,000 hours of industry experience including relevant software experience plus a portfolio of documentation of projects OR associate degree in a relevant field (CAD, engineering technology, construction, etc.) plus 4,000 hours of industry experience including relevant software experience plus a portfolio of documentation of projects OR software specific certification (Solidworks professional certification, etc.) plus a portfolio of documentation of projects plus 4,000 hours of industry experience. Industry experience should be in the last 10 years. Industry experience older than 10 years will be considered if the candidate has been teaching continuously in the content area since that time. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES,MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
CAD 1101 Computer Aided Drafting 2D 3 credits	Focuses on basic computer aided drafting skills using the AutoCAD software. Includes file management, Cartesian coordinate system and dynamic input, drawing templates, drawing aids, linetype and lineweights, layer usage, drawing and editing geometric objects, polylines and splines, array, text applications, creating tables, basic dimensioning and Help access. Course is not repeatable for credit.	None	Textbook required. See Aims bookstore or confirm with department chair. CAD software and computers capable of supporting CAD software. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in a relevant field (engineering, construction, etc.) plus 2,000 hours of industry experience including relevant software experience plus a portfolio of documentation of projects OR associate degree in a relevant field (CAD, engineering technology, construction, etc.) plus 4,000 hours of industry experience including relevant software experience plus a portfolio of documentation of projects OR software specific certification (Solidworks professional certification, etc.) plus a portfolio of documentation of projects plus 4,000 hours of industry experience. Industry experience should be in the last 10 years. Industry experience older than 10 years will be considered if the candidate has been teaching continuously in the content area since that time. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES,MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
CAD 2220 Revit Architecture 3 credits	Focuses on basic computer aided drafting skills using the AutoCAD software. Includes file management, Cartesian coordinate system and dynamic input, drawing templates, drawing aids, linetype and lineweights, layer usage, drawing and editing geometric objects, polylines and splines, array, text applications, creating tables, basic dimensioning and Help access. Course is not repeatable for credit.	None	Textbook required. See Aims bookstore or confirm with department chair. CAD software and computers capable of supporting CAD software. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in a relevant field (engineering, construction, etc.) plus 2,000 hours of industry experience including relevant software experience plus a portfolio of documentation of projects OR associate degree in a relevant field (CAD, engineering technology, construction, etc.) plus 4,000 hours of industry experience including relevant software experience plus a portfolio of documentation of projects OR software specific certification (Solidworks professional certification, etc.) plus a portfolio of documentation of projects plus 4,000 hours of industry experience. Industry experience should be in the last 10 years. Industry experience older than 10 years will be considered if the candidate has been teaching continuously in the content area since that time. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES,MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
CAD 2455 SolidWorks/ Mechanical 3 credits	Introduces parametric feature-based solid modeling 3D concepts to build confidence in 3D thinking and progresses to three-dimensional parameters. The student learns to construct, modify, and manage complex parts in 3D space as well as to produce 2D drawings from the 3D models.	None	Textbook required. See Aims bookstore or confirm with department chair. CAD software and computers capable of supporting CAD software. Site visit not required. Course contact time: 3,000 minutes	High school classroom capacity	Bachelor's degree in a relevant field (engineering, construction, etc.) plus 2,000 hours of industry experience including relevant software experience plus a portfolio of documentation of projects OR associate degree in a relevant field (CAD, engineering technology, construction, etc.) plus 4,000 hours of industry experience including relevant software experience plus a portfolio of documentation of projects OR software specific certification (Solidworks professional certification, etc.) plus a portfolio of documentation of projects plus 4,000 hours of industry experience. Industry experience should be in the last 10 years. Industry experience older than 10 years will be considered if the candidate has been teaching continuously in the content area since that time. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES,MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
CAD 2456 Advanced Solidworks 3 credits	Introduces advanced applications of the 3D parametric software SolidWorks. Focuses include management of design data, advanced assembly, analysis of model creations, documentation of bill of materials and parts lists, rendering, animation, and dynamic simulation and testing a model assembly. Course is not repeatable for credit.	CAD 2455 with a grade of C or better	Textbook required. See Aims bookstore or confirm with department chair. CAD software and computers capable of supporting CAD software. Site visit not required. Course contact time: 2,250 minutes	24	Bachelor's degree in a relevant field (engineering, construction, etc.) plus 2,000 hours of industry experience including relevant software experience plus a portfolio of documentation of projects OR associate degree in a relevant field (CAD, engineering technology, construction, etc.) plus 4,000 hours of industry experience including relevant software experience plus a portfolio of documentation of projects OR software specific certification (Solidworks professional certification, etc.) plus a portfolio of documentation of projects plus 4,000 hours of industry experience. Industry experience should be in the last 10 years. Industry experience older than 10 years will be considered if the candidate has been teaching continuously in the content area since that time. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
CAD 2660 3D Printing/ Additive Manufacturing 3 credits	Provides the student with the ability to blend the virtual and real design worlds together through the use of 3D CAD Modeling, and 3D Printing.	CAD 2221, CAD 2400, CAD 2455, CAD 2456, OR CAD 2460 with a grade of C or better	CAD software and computers capable of supporting CAD software. Site visit not required. Course contact time: 3,000 minutes	High school classroom capacity	Bachelor's degree in a relevant field (engineering, construction, etc.) plus 2,000 hours of industry experience including relevant software experience plus a portfolio of documentation of projects OR associate degree in a relevant field (CAD, engineering technology, construction, etc.) plus 4,000 hours of industry experience including relevant software experience plus a portfolio of documentation of projects OR software specific certification (Solidworks professional certification, etc.) plus a portfolio of documentation of projects plus 4,000 hours of industry experience. Industry experience should be in the last 10 years. Industry experience older than 10 years will be considered if the candidate has been teaching continuously in the content area since that time. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
CAR 1000 Introduction to Carpentry 1 credit	Provides a basic introduction to construction work for all crafts. This course specifically applies to construction sites.	None	Textbook required. See Aims bookstore or contact department chair. Department chair will work with high schools to determine appropriate equipment, etc. Site visit required. Course contact time: 1,125 minutes	High school classroom capacity	Associate degree in construction or a related field plus 2,000 hours of industry experience OR trade specific training: apprenticeship, NCCER certification, etc. plus 2,000 hours of industry experience OR portfolio documentation of projects plus 6,000 hours of industry experience. Industry experience should be in the last 10 years. Industry experience older than 10 years will be considered if the candidate has been teaching continuously in the content area since that time. Faculty must have an Aims CTE Credential to teach these courses.
CAR 1001 Basic Safety 1 credit	An overview of safety concerns and procedures in the construction field.	None	Textbook required. See Aims bookstore or contact department chair. Department chair will work with high schools to determine appropriate equipment, etc. Site visit required. Course contact time: 1,125 minutes	High school classroom capacity	Associate degree in construction or a related field plus 2,000 hours of industry experience OR trade specific training: apprenticeship, NCCER certification, etc. plus 2,000 hours of industry experience OR portfolio documentation of projects plus 6,000 hours of industry experience. Industry experience should be in the last 10 years. Industry experience older than 10 years will be considered if the candidate has been teaching continuously in the content area since that time. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
CAR 1002 Hand & Power Tools 1 credit	Focuses on basic hand and power tools including stationary tools. Emphasizes a hands-on approach to proper & safe use of these tools as it applies to the construction environment & is taught in conjunction with a lab or framing course.	None	Textbook required. See Aims bookstore or contact department chair. Department chair will work with high schools to determine appropriate equipment, etc. Site visit required. Course contact time: 1,125 minutes	High school classroom capacity	Associate degree in construction or a related field plus 2,000 hours of industry experience OR trade specific training: apprenticeship, NCCER certification, etc. plus 2,000 hours of industry experience OR portfolio documentation of projects plus 6,000 hours of industry experience. Industry experience should be in the last 10 years. Industry experience older than 10 years will be considered if the candidate has been teaching continuously in the content area since that time. Faculty must have an Aims CTE Credential to teach these courses.
CAR 1005 Job Site Layout/ Blueprint Reading 1 credit	Introduces blue-print reading and how prints apply to the construction site. Includes in-depth introduction to site layout (materials & methods).	None	Textbook required. See Aims bookstore or contact department chair. Department chair will work with high schools to determine appropriate equipment, etc. Site visit required. Course contact time: 1,125 minutes	High school classroom capacity	Associate degree in construction or a related field plus 2,000 hours of industry experience OR trade specific training: apprenticeship, NCCER certification, etc. plus 2,000 hours of industry experience OR portfolio documentation of projects plus 6,000 hours of industry experience. Industry experience should be in the last 10 years. Industry experience older than 10 years will be considered if the candidate has been teaching continuously in the content area since that time. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
CAR 1070 Clinical Construction Lab I 2 credits	Continues to build upon principles that are expected to be understood by students in the construction discipline.	None	Textbook required. See Aims bookstore or contact department chair. Department chair will work with high schools to determine appropriate equipment, etc. Site visit required. Course contact time: 2,250 minutes	High school classroom capacity	Associate degree in construction or a related field plus 2,000 hours of industry experience OR trade specific training: apprenticeship, NCCER certification, etc. plus 2,000 hours of industry experience OR portfolio documentation of projects plus 6,000 hours of industry experience. Industry experience should be in the last 10 years. Industry experience older than 10 years will be considered if the candidate has been teaching continuously in the content area since that time. Faculty must have an Aims CTE Credential to teach these courses.
CHE 1005 Chemistry in Context w/ Lab [SC1] 5 credits	Covers the study of measurements, matter, molecules, atoms, chemical bonding, nomenclature, energy, acids, bases, and nutrition. Course work examines chemistry in the modern world and surveys the current knowledge as well as the conceptual framework of the discipline. Chemistry as a science is explored, as is the impact of chemistry on society. This course includes laboratory experience and is designed for non-science majors. This is a statewide Guaranteed Transfer course in the GT-SC1 category. Students may use either CHE 101 or CHE 105 for the A.A. degree. Credit will NOT be given for both.	It is recommended ENG 1021 and MAT 1340 be completed prior to or be taken concurrently.	Required text, lab manual and labs — contact HSP for info. Site visit required. Course contact time: 4,500 minutes	Capped at 24 students per section	Master's degree in Chemistry or Biochemistry, Chemical Engineering or Molecular Biology.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITEVISIT/ CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
CHE 1011 Introduction to Chemistry w/ Lab [SC1] 5 credits	Includes the study of measurements, atomic theory, chemical bonding, nomenclature, stoichiometry, solutions, acid 7 base, gas laws, & condensed states. Laboratory experiments demonstrate the above concepts qualitatively & quantitatively. Designed for non-science majors, students in occupational & health programs, or students with no chemistry background. This is a statewide Guaranteed Transfer course in the GT- SC1 category.	It is recommended ENG 1021 and MAT 1340 be completed prior to or be taken concurrently.	Required text, lab manual and labs — contact HSP for info. Site visit required. Course contact time: 4,500 minutes	Capped at 24 students per section	Master's degree in Chemistry or Biochemistry, Chemical Engineering or Molecular Biology.
CHE 1012 Introduction to Chemistry II w/Lab [SC1] 5 credits	Focuses on introductory organic and biochemistry (sequel to Introduction to Chemistry I). This course includes the study of hybridization of atomic orbitals for carbon, nomenclature of both organic and biochemical compounds, physical and chemical properties of various functional groups of organic chemistry, and physical and chemical properties of biochemical compounds along with their biochemical pathways. Laboratory experiments are included. This is a statewide Guaranteed Transfer course in the GT-SC1 category.	Pass CHE 1011 with a grade of C or better. It is recommended ENG 1021 and MAT 1340 be completed prior to or taken concurrently.	Required text, lab manual and labs — contact HSP for info. Site visit required. Course contact time: 4,500 minutes	Capped at 24 students per section	Master's degree in Chemistry or Biochemistry, Chemical Engineering or Molecular Biology.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
CHE 1111 General College Chemistry I w/ Lab [SC1] 5 credits	Focuses on basic chemistry and measurement, matter, chemical formulas, reactions and equations, stoichiometry. This course covers the development of atomic theory culminating in the use of quantum numbers to determine electron configurations of atoms, and the relationship of electron configuration to chemical bond theory. The course includes gases, liquids, and solids and problem-solving skills are emphasized through laboratory experiments. This is a statewide Guaranteed Transfer course in the GT-SC1 category.	Completion of MAT 1340 or higher with a grade of C or better. Completion of CHE 1011 or one year of high school chemistry (within the last seven years) with a grade of C or better. A score of 70% or higher on the CHE 1011 test out exam may be substituted for completion of CHE 1011.	Required text, manual and labs — contact HSP for info. Site visit required. Course contact time: 5,250 minutes	Capped at 24 students per section	Master's degree in Chemistry or Biochemistry, Chemical Engineering or Molecular Biology.
CIS 1018 Introduction to PC Applications 3 credits	Introduces basic computer terminology, file management, and PC system components. Provides an overview of office application software including word processing, spreadsheets, databases, and presentation graphics. Includes the use of a web browser to access the Internet.	None	Required text — contact HSP for info. Instructor is required to utilize Aims' D2L course shell. MS Office 365. Site visit not required. Course contact time: 2,250 minutes	24	Master’s degree in computer information systems or related area OR Bachelor’s degree in computer information systems PLUS 4000 hours of professional experience OR Associate’s degree with 8000 hours work experience in Microcomputer Applications AND CTE credential.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES,MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
CIS 2018 Advanced PC Applications 3 credits	Emphasizes solving business problems by integrating data from all of the software applications that facilitate the production of useful information. Advanced capabilities of a PC software applications suite are utilized. Printed documents, reports, slides, and forms are produced to communicate information.	CIS 1018 with a grade of C or better	No required materials; however, materials/text must be approved by department chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in computer information systems or related area OR Bachelor's degree in computer information systems PLUS 4000 hours of professional experience OR Associate's degree with 8000 hours work experience in Microcomputer Applications AND CTE credential.
CIS 2020 Fundamentals of UNIX 3 credits	Covers the structure and fundamentals of the UNIX operating system. Includes the file system and file processing, various utility programs, shell, multi-user operation, text processing and communications.	None	Required text — contact HSP for info. Instructor is required to utilize Aims' D2L course shell. Unix. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in Business Administration, Information Technology, Computer Information Systems, computer Science, Computer Engineering, or Engineering OR Associate degree in related area PLUS 4000 hours professional experience OR Bachelor's degree in Mathematics and Associate degree in Cybernetics, Engineering, Mathematics, or Business Administration AND CTE credential.
CNG 1020 A+ Certification Preparation 4 credits	Prepares students for the CompTIA A+ certification examination. PC hardware and operating system installation, configuration and troubleshooting are practiced and reviewed using A+ techniques.	None	Required text — contact HSP for info. Instructor is required to utilize Aims' D2L course shell. Site visit not required. Course contact time: 3,000 minutes	24	Requires specific training and related coursework in the CIS field AND CTE credential.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES,MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
CNG 1024 Networking I: Network + 3 credits	Provides students with the knowledge necessary to understand, identify and perform necessary tasks involved in supporting a network. Covers the vendor-independent networking skills and concepts that affect all aspects of networking, such as installing and configuring the TCP/IP. This course also prepares students for the Networking II: Network + course.	None	Required text — contact HSP for info. Instructor is required to utilize Aims' D2L course shell. Site visit not required. Course contact time: 2,250 minutes	24	Requires specific training and related coursework in the CIS field AND CTE credential.
CNG 1025 Networking II: Network + 3 credits	Continues to provide students with the knowledge necessary to implement and support a network. Focuses on the vendor-independent networking skills and concepts that affect all aspects of networking. The Networking I and II: Network + courses prepare students for the Network + certification. Course is not repeatable for credit.	CNG 1024 with C or better	Required text — contact HSP for info. Instructor is required to utilize Aims' D2L course shell. Site visit not required. Course contact time: 2,250 minutes	24	Requires specific training and related coursework in the CIS field AND CTE credential.
CNG 1032 Network Security Fundamentals 3 credits	Delivers a comprehensive overview of network security, including general security concepts. Communication Security is studied, including remote access, e-mail, the Web, directory and file transfer, and wireless data. Common network attacks are introduced. Cryptography basics are incorporated, and operational/ organizational security is discussed as it relates to physical security, disaster recovery, and business continuity. Computer forensics is introduced.	None	Required text — contact HSP for info. Instructor is required to utilize Aims' D2L course shell. Site visit not required. Course contact time: 2,250 minutes	24	Bachelor's degree in business Administration Information Technology, Computer Information Systems, Computer Science, Computer Engineering, or Engineering OR Associate's degree in related area PLUS 4000 hours professional experience OR Bachelor's degree in Mathematics and Associate's degree in Cybernetics, Engineering, Mathematics or Business Administration AND CTE Credential.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES,MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
CNG 1042 Introduction to Cloud Computing 3 credits	Introduces fundamentals content on cloud computing including system analysis, requirements, configuration, deployment, and testing. This course includes information on management, business continuity, security, maintenance, updating, and troubleshooting as related to cloud computing.	None	Required text — contact HSP for info. Instructor is required to utilize Aims' D2L course shell. Software through publisher website. Site visit not required. Course contact time: 2,250 minutes	24	Requires specific training and related coursework in the CIS field AND CTE credential.
CNG 1088 Practicum 0-12 credits	Provides an opportunity to gain experience in applying their skills and/or to develop specific skills in a practical work setting. Course is repeatable with a maximum of 12 credits.	CNG 1025 with C or better			
CNG 2043 Cloud Security & Cyber Law 3 credits	Introduces concepts of cloud architecture, cloud security, and the law as it pertains to cloud deployment. Focuses on the mechanics of security in the cloud service models: Infrastructure as a service (IaaS), platform as a service (PaaS), and software as a service (SaaS).	None	Required text — contact HSP for info. Instructor is required to utilize Aims' D2L course shell. Software through publisher website. Site visit not required. Course contact time: 2,250 minutes	24	Requires specific training and related coursework in the CIS field AND CTE credential.
CNG 2053 Firewalls & How They Work 3 credits	Introduces students to the design and implementation of firewalls. Covers such topics as firewalls using CISCO Routers, Microsoft server platform and UNIX platform. Focuses on how firewalls function in these environments and the basic steps to plan and implement firewalls.	None	Required text — contact HSP for info. Instructor is required to utilize Aims' D2L course shell. Software through publisher website. Site visit not required. Course contact time: 2,250 minutes	24	Requires specific training and related coursework in the CIS field AND CTE credential.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES,MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
CNG 2056 Vulnerability Assessment I 3 credits	Presents students with an introduction to vulnerability assessment. Vulnerability assessment skills are necessary to understand how companies address vulnerabilities in the business environment. Students gain a better understanding of how information technology security integrates into the corporate world and how a balance must be achieved between security and functionality.	None	Required text — contact HSP for info. Instructor is required to utilize Aims' D2L course shell. Software through publisher website. Site visit not required. Course contact time: 2,250 minutes	24	Requires specific training and related coursework in the CIS field AND CTE credential.
CNG 2058 Digital Forensics 4 credits	Exposes the student to the field of digital computer forensics and investigation. This class provides the student with methods to properly conduct a digital forensics investigation including a discussion of ethics. Topics covered include fundamental concepts, history of computer forensics, file structures, data recovery techniques, computer forensic tools and analyses. Course is not repeatable for credit.		Required text — contact HSP for info. Instructor is required to utilize Aims' D2L course shell. Software through publisher website. Site visit not required. Course contact time: 3,000 minutes	24	Requires specific training and related coursework in the CIS field AND CTE credential.
CNG 2080 Internship 3 credits	Provides an opportunity to gain experience in applying their skills and/or to develop specific skills in a practical work setting. Department approval is required. Department approval is required. This course has admission requirements.	None	No required text. Instructor is required to utilize Aims' D2L course shell. Site visit not required. Course contact time: 135 hours	10	Requires specific training and related coursework in the CIS field AND CTE credential.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES,MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
COM 1150 Public Speaking 3 credits	Combines the basic theory of speech communication with public speech performance skills. Emphasis is on speech delivery, preparation, organization, support, and audience analysis.	None	Required text — contact HSP for info. Ability to videotape speeches. Access to Yuja software. Camera and camera accessories. Site visit not required. Course contact time: 2,250 minutes	No more than 20 is recommended. 24 students is the maximum allowed.	Master's degree in speech communication or closely related degree (i.e. communication studies, theatre, etc.) OR master's degree in teaching with communications emphasis OR master's degree including 15 hours of graduate credits in the discipline.
COM 1250 Interpersonal Communication [SS3] 3 credits	Examines the communication involved in interpersonal relationships occurring in family, social and career situations. Relevant concepts include self-concept, perception, listening, nonverbal communication, and conflict. This is a statewide Guaranteed Transfer course in the GT- SS3 category.	None	Required text — contact HSP for info. Site visit not required. Course contact time: 2,250 minutes	No more than 20 is recommended. 24 students is the maximum allowed.	Master's degree in speech communication or closely related degree OR master's degree including 15 hours of graduate credits in the discipline.
COM 2300 Intercultural Communication [SS3] 3 credits	Provides a global view of communication across cultures and brings an awareness of how perception, language, race, verbal, and nonverbal communication impact our behaviors, messages, and interactions. Emphasis is on developing effective and ethical cross-cultural communication skills, while also building an appreciation for different cultures. This is a statewide Guaranteed Transfer course in the GT-SS3 category.	None	Required text — contact HSP for info. Site visit not required. Course contact time: 2,250 minutes	No more than 20 is recommended. 24 students is the maximum allowed.	Master’s degree in Speech Communication, Rhetoric, Communications Studies, Theatre, Organizational Communication, or related degree OR a Master’s degree in another content PLUS 18 post graduate credits in Communications.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
CON 1062 National Center for Construction Education & Research Electrical I 6 credits	Introduces the fundamentals of electrical trades and practices in residential application. Topics in this course include orientation to the electrical trade, electrical safety, basic electrical circuits, electrical theory, introduction to the National Electrical Code, device boxes, raceways and fittings, conductors and cables, basic electrical construction drawings, residential electrical services, electrical test equipment, and basic installation techniques. Course is not repeatable for credit.	None	Textbook required. See Aims bookstore or contact department chair. Department chair will work with high schools to determine appropriate equipment, etc. Site visit required. Course contact time: 5,400 minutes		Associate degree in construction or a related field plus 2,000 hours of industry experience OR trade specific training: apprenticeship, NCCER certification, etc. plus 2,000 hours of industry experience OR portfolio documentation of projects plus 6,000 hours of industry experience. Faculty must have an Aims CTE Credential to teach these courses.
CON 1063 National Center for Construction Education & Research Electrical II 6 credits	Introduces the fundamentals of electrical trades and practices in residential application to include alternating current, theory and application, electric lighting, conduit bending, pull and junction boxes, conductor installations, cable tray, conductor terminations and splices, grounding and bonding, circuit breakers and fuses, and control systems and fundamental concepts. Course is not repeatable for credit.	CON 1063 with grade of C or better	Textbook required. See Aims bookstore or contact department chair. Department chair will work with high schools to determine appropriate equipment, etc. Site visit required. Course contact time: 5,400 minutes		Associate degree in construction or a related field plus 2,000 hours of industry experience OR trade specific training: apprenticeship, NCCER certification, etc. plus 2,000 hours of industry experience OR portfolio documentation of projects plus 6,000 hours of industry experience. Faculty must have an Aims CTE Credential to teach these courses.
CON 1064 National Center for Construction Education & Research Electrical III 6 credits	Introduces the fundamentals of electrical trades and practice in residential application. Topics covered include load calculations for branch and feeder circuits, conductor selection and calculations for installation, practical applications of lighting, hazardous locations, overcurrent protection, distribution equipment, transformers, commercial electrical services, motor calculations, voice, data, and video systems, and motor controls. Department approval is required. Course is not repeatable for credit.	CON 1062 and CON 1063 with grade of C or better	Text will need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes		Associate degree in construction or a related field plus 2,000 hours of industry experience OR trade specific training: apprenticeship, NCCER certification, etc. plus 2,000 hours of industry experience OR portfolio documentation of projects plus 6,000 hours of industry experience. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES,MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
CON 1065 National Center of Construction Education & Research Electrical IV 6 credits	Introduces advanced practices in residential and commercial applications for the electrical trades professional. Topics covered include load calculations for feeders and services, applications specific to health care facilities, standby and emergency systems, basic electronic theory, considerations for fire alarm systems, installing specialty transformers, advanced controls, Heating, Ventilation, and Air Conditioning (HVAC) controls, heat tracing and freeze protection, motor operation and maintenance, medium-voltage terminations/splices, and applications for special locations. Department approval is required. Course is not repeatable for credit.	CON 1062, CON 1063 and CON 1064 with grades of C or better	Textbook required. See Aims bookstore or contact department chair. Department chair will work with high schools to determine appropriate equipment, etc. Site visit required. Course contact time: 5,400 minutes		Associate degree in construction or a related field plus 2,000 hours of industry experience OR trade specific training: apprenticeship, NCCER certification, etc. plus 2,000 hours of industry experience OR portfolio documentation of projects plus 6,000 hours of industry experience. Faculty must have an Aims CTE Credential to teach these courses.
CRJ 1010 Introduction to Criminal Justice [SS3] 3 credits	Introduces students to the basic components of the criminal justice system in the United States. Concepts of crime, crime data, victimization, perspectives and views of crime, theory, and law are discussed. Particular attention to the criminal justice process, interaction and conflict between criminal justice agencies, and current criminal justice issues are examined. This course is a statewide guaranteed transfer course GT-SS3.	None	Textbook must be approved by Aims Department Chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in Criminal Justice or related area AND CTE credential.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES,MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
CRJ 1025 Policing Systems 3 credits	Examines policing in the United States, including: historical foundations, emerging issues, and the relationship between law enforcement and the community. The various types of law enforcement agencies, their administrative practices, and the behavior of those involved in the delivery of police services are examined from the perspective of democratic values, racial and ethnic diversity, and societal perceptions of police effectiveness. Career requirements, including current and future trends, are also presented. (Formerly titled "Law Enforcement Operations.")	None	Textbook must be approved by Aims Department Chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in Criminal Justice or related area AND CTE credential.
CRJ 1035 Judicial Function 3 credits	Provides an overview of the structure and function of the dual American judicial system and the behavior of actors (judges/ justices, lawyers, law clerks, interest groups, etc.) within the system. Emphasis is placed on the organization and administration of state and federal courts, criminal court procedures, juries, selection of judges, decision-making behavior of juries, judges and justices, and the implementation and impact of judicial policies.	None	Textbook must be approved by Aims Department Chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in Criminal Justice or related area AND CTE credential.
CRJ 1045 Correctional Process 3 credits	Examines the history and total correctional process from law enforcement through the administration of justice, probation, prisons, correctional institutions, and parole. Also examines the principles, theories, phenomena and problems of the crime, society, and the criminal justice system from the perspective of criminology and the criminal justice system in general. Emphasizes the role of sociology and other interdisciplinary approaches to the field of corrections and society's response.	None	Textbook must be approved by Aims Department Chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in Criminal Justice or related area AND CTE credential.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
CRJ 2010 Constitutional Law 3 credits	Focuses on the powers of government as they are allocated and defined by the United States Constitution. Includes intensive analysis of United States Supreme Court decisions.	None	Textbook must be approved by Aims Department Chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in Criminal Justice or related area AND CTE credential.
CRJ 2020 Human Solution/ Social Conflict 4 credits	Exploration of the environmental, organizational and socio-psychological dimensions of social control. Includes the study of individual attitudes, beliefs and behavior involved in role conflicts, community relations and conflict management in the social structure.	None	Textbook must be approved by Aims Department Chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in Criminal Justice or related area AND CTE credential.
CRJ 2030 Criminology 3 credits	Provides an introduction to the study of crime, understanding the causes of crime, and examines, theoretical frameworks and theories to explain criminal behavior. Within a social context, consideration is given to how theories have emerged and understand how social context contributes to explanations of crime. Examination of the nature of crime, crime victimization, crime patterns, types of crime, crime statistics, and criminal behavior is also included.	None	Textbook must be approved by Aims Department Chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in Criminal Justice or related area AND CTE credential.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
CSC 1019 Introduction to Programming (C++ or Python) 3 credits	Focuses on a general introduction to computer programming. This course emphasizes the design and implementation of structured and logically correct programs with good documentation. It is centered on basic programming concepts, including control structures, modularization, and data processing. A structured programming language is used to implement program designs. It emphasizes the writing of multiple programs following the software development process, from start to finish, including design, implementation, and testing. Course is repeatable under different titles.	None	Required text — contact HSP for info. Instructor is required to utilize Aims' D2L course shell. Software through publisher website. Site visit not required. Course contact time: 2,250 minutes	24	Requires specific training and related coursework in the CIS field AND CTE credential.
CSC 1060 Computer Science I 4 credits	Introduces students to the discipline of computer science and programming. Algorithm development, data representation, logical expressions, sub-programs and input/output operations using a high-level programming language are covered. Intensive lab work outside of class time is required.	CSC 1019 or CSC 2036 with a C or better	Text needs to be approved by Aims Department Chair. Software may be required depending on course curriculum. Site visit not required. Course contact time: 3,000 minutes	High school classroom capacity	Master's degree in Business Administration, Information Technology, Computer Science, Computer Information Systems, or Computer Engineering OR Bachelor's degree in Computer Information Systems or related field AND 4000 hours professional work experience OR Associate's degree in Information Technology or related field AND 8000 hours professional work experience AND CTE credential.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
CSC 2046 Mobile App Development 3 credits	Learn how to develop mobile apps using key features and frameworks. Students will learn application design and development using a mobile development platform software development kit (SDK) and corresponding programming language. Main features include: handling UI triggered and touch events, data management, simple and complex UI views, drawing, location and application settings. (This class uses iOS development platform.)	CSC 1060 with a grade of C or better	Text needs to be approved by Aims Department Chair. Software may be required depending on course curriculum. Site visit not required. Course contact time: 2,250 minutes	24	Requires specific training and related coursework in the CIS field AND CTE credential.
CSC 2075 Special Topics 3 credits (To be determined by the individual instructor)	A Course Description will be developed for each course and documented within the course syllabus. Refer to the SFCC Style Guide for Course Description, Required Course Learning Outcome, and Topical Outline guidelines.	None	Text needs to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	24	Requires specific training and related coursework in the CIS field AND CTE credential.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
CSL 1003 Finding Your Career 2 credits	Presents and applies selected career and personality theories through inventories and exercises from which they are rooted. Based on these findings and additional, self-assessment exercises identifying personal motivators, values and positive and negative past work experiences, the student will discover careers of interest. Information about these careers will be gathered through various means, including an information interview with someone employed in a career of interest. To assist the student in finding and pursuing a career goal, the student will assemble an educational plan that will prepare them for their career and compose career and life goals that will guide their career direction. Personal barriers to accomplish these goals will be identified and the student will examine what was learned in the course by writing a paper which provides evidence and reasoning supporting their career choice. Course is not repeatable for credit.	None	Required text — contact HSP for info. Site visit not required. Course contact time: 1,500 minutes	High school classroom capacity	Master's degree in the psychological sciences (including all recognized subdisciplines and closely related disciplines such as counseling, applied psychology areas like industrial organizational forensic, adolescent, child, adult, etc., clinical mental health, behavioral economics, human sexuality, human development and family studies, gerontology, gender studies, comparative behavior, clinical social work, etc.) or master's degree including 18 graduate level credits hours from these listed fields Research, publication, and other work experience as well as teaching experience as useful for up to three graduate level credit hours of coursework. A candidate who is close to the master's degree and making clear progress may also be considered.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
CWB 1010 Introduction to Web Authoring 3 credits	Explores the complete set of web authoring skills using HTML and/or other languages. The course covers links, backgrounds, controlling text and graphic placement, tables, image maps and forms.	None	Required text — contact HSP for info. Instructor is required to utilize Aims' D2L course shell. Site visit not required. Course contact time: 2,250 minutes	24	Bachelor's degree in Business Administration, Information Technology, Computer Information Systems, Computer Science, Computer Engineering, or Engineering OR Associate's degree in related field PLUS 4000 hours professional experience OR Associate's degree in Cybernetics, Engineering Mathematics, or Business Administration OR Bachelor's degree in Mathematics AND CTE credential.
DPM 1000 Introduction to Diesel Mechanics 2 credits	Focuses on the student identifying and describing the many different types of diesel-powered vehicles. Emphasis is placed on being able to research information in maintenance manuals and parts manuals along with demonstration of their abilities in properly identifying and selecting mechanical fasteners for a particular application. Specific coverage of precision fasteners, fuels, fluids as they relate to the diesel industry.	None	Approved footwear and safety glasses. Uniforms may be required — check with HSP. All DPM courses require a curriculum following the ASE/NATEF requirements. (CDX, Electude, etc...). Site visit required. Course contact time: 2,700 minutes	18	Associate of applied science degree in diesel power mechanics or related area plus 4,000 hours relevant experience OR current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
DPM 1001 Diesel Shop Orientation 2 credits	Focuses on maintaining a safe and clean working heavy duty diesel shop. Emphasis is placed on the proper use and care for hand, electric, air and hydraulic tools safely. Covers how to clean equipment properly, to handle and dispose of hazardous materials correctly, and to apply mandated regulations. Emphasis is also placed on proper lifting equipment. Differential tuition rates apply.	None	Approved footwear and safety glasses. Uniforms may be required — check with HSP. All DPM courses require a curriculum following the ASE/NATEF requirements. (CDX, Electude, etc...). Site visit required. Course contact time: 2,700 minutes	18	Associate of applied science degree in diesel power mechanics or related area plus 4,000 hours relevant experience OR current industry license/ certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
DPM 1011 Cab & Electrical PMI 1.5 credits	Enables the student to perform preventive maintenance on heavy equipment and truck cab and electrical systems, and complete appropriate maintenance records. Addresses the process of diagnostics and troubleshooting. Focuses on the importance of preventive maintenance.	ASE 1070, OR DPM 1000 AND DPM 1001, with grades of C or better	Required texts: Light Vehicle Diesel Engines, ISBN: 9781284145090; Light Vehicle Engine Access, ISBN: 9781284196696 Uniforms may be required — check with HSP. All DPM courses require a curriculum following the ASE/ NATEF requirements. (CDX, Electude, etc...). Approved footwear and safety glasses. Site visit required. Course contact time: 2,025 minutes	18	Associate of applied science degree in diesel power mechanics or related area plus 4,000 hours relevant experience OR current industry license/ certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MTERIALS/SITE VISIT/ CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
DPM 1012 Engine Systems PMI 1.5 credits	Enables the student to perform preventive maintenance on heavy equipment and truck diesel engine systems, and complete appropriate maintenance records. Addresses the process of diagnostics and troubleshooting. Focuses on the importance of preventive maintenance.	ASE 1070 OR DPM 1000 AND DPM 1001, with grades of C or better	Required texts: Light Vehicle Diesel Engines, ISBN: 9781284145090; Light Vehicle Engine Access, ISBN: 9781284196696 Uniforms may be required — check with HSP. All DPM courses require a curriculum following the ASE/ NATEF requirements. (CDX, Electude, etc...). Approved footwear and safety glasses. Site visit required. Course contact time: 2,025 minutes	18	Associate of applied science degree in diesel power mechanics or related area plus 4,000 hours relevant experience OR current industry license/ certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
DPM 1020 Basic Heavy Duty Electricity 2 credits	Covers basic electrical theory, circuit designs, wiring methods, multimeter usage, and wiring diagrams including the demonstration of test procedures on electrical circuits. This course meets the Inspection, Maintenance & Minor Repair; Medium/Heavy Truck Service Technology/ Medium/Heavy Truck Master Service Technology (IMMR/TST/MTST) program accreditation standards	DPM 1011 with a grade of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. Please check with the department chair on the textbook and materials required. All DPM courses require a curriculum following the ASE/NATEF requirements. (CDX, Electude, etc...). Site visit required. Course contact time: 2,700 minutes	18	Associate of applied science degree in diesel power mechanics or related area plus 4,000 hours relevant experience OR current industry license/ certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
DPM 1031 Heavy Duty Brake Inspection & Maintenance I 2 credits	Introduces the basics of heavy duty hydraulic brake systems, wheel end inspections, and minimum service procedures. This course meets the Inspection, Maintenance, and Minor Repair (IMMR) program accreditation standards. Course is not repeatable for credit.	ASE 1070 or DPM 1070 with a grade of C or better.	Approved footwear and safety glasses. Uniforms may be required — check with HSP. Please check with the department chair on the textbook and materials required. All DPM courses require a curriculum following the ASE/NATEF requirements. (CDX, Electude, etc...). Site visit required. Course contact time: 2,700 minutes	18	Associate of applied science degree in diesel power mechanics or related area plus 4,000 hours relevant experience OR current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
DPM 1032 Heavy Duty Brake Inspection & Maintenance II 4 credits	Introduces the basics of heavy duty air brake systems, inspection, and minimum service procedures. This course meets the Inspection, Maintenance, and Minor Repair (IMMR) program accreditation standards. Course is not repeatable for credit.	DPM 1031 with a grade of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. Please check with the department chair on the textbook and materials required. All DPM courses require a curriculum following the ASE/NATEF requirements. (CDX, Electude, etc...). Site visit required. Course contact time: 2,700 minutes	18	Associate of applied science degree in diesel power mechanics or related area plus 4,000 hours relevant experience OR current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
DPM 1035 Heavy Duty Electrical Inspection & Maintenance 2 credits	Introduces basic heavy duty electrical systems testing, inspection, maintenance, and light repair service procedures. This course meets the Inspection, Maintenance, and Minor Repair (IMMR) program accreditation standards	DPM 1020 with a grade of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. Please check with the department chair on the textbook and materials required. All DPM courses require a curriculum following the ASE/NATEF requirements. (CDX, Electude, etc...). Site visit required. Course contact time: 2,700 minutes	18	Associate of applied science degree in diesel power mechanics or related area plus 4,000 hours relevant experience OR current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
DPM 1070 Lab Experience 1 credit	Continues to build upon the principles that are expected to be understood by students. Course is repeatable with a maximum of 12 credit hours.	ASE 1070, or DPM 1000 and DPM 1001 with grades of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. Please check with the department chair for textbook and material requirements. All DPM courses require a curriculum following the ASE/NATEF requirements. (CDX, Electude, etc...). Site visit required. Course contact time: 1,350 minutes	18	Associate of applied science degree in diesel power mechanics or related area plus 4,000 hours relevant experience OR current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
DPM 2009 H/D Dynamic Braking Systems 2 credits	Includes diagnosis and repair of heavy duty antilock brake (ABS), automatic traction control (ATC), and electronic stability control (ESC) systems. This course meets Medium/Heavy Truck Service Technology/ Medium/Heavy Truck Master Service Technology (TST/MTST) program accreditation standards.	DPM 1032 with a grade of C or better	Approved footwear and safety glasses. Uniforms may be required — check with HSP. Please check with the department chair on the textbook and materials required. All DPM courses require a curriculum following the ASE/NATEF requirements. (CDX, Electude, etc...). Site visit required. Course contact time: 2,700 minutes	18	Associate of applied science degree in diesel power mechanics or related area plus 4,000 hours relevant experience OR current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.
DPM 2064 Heavy Duty Heating & Ventilation 2 credits	Covers the diagnosis, service, and repair of heavy duty equipment heating and ventilation systems. This course meets the Inspection, Maintenance & Minor Repair; Medium/ Heavy Truck Service Technology/Medium/ Heavy Truck Master Service Technology (IMMR/ TST/MTST) program accreditation standards.	ASE 1070 or DPM 1070 with a grade of C or better.	Approved footwear and safety glasses. Uniforms may be required — check with HSP. Please check with the department chair on the textbook and materials required. All DPM courses require a curriculum following the ASE/NATEF requirements. (CDX, Electude, etc...). Site visit required. Course contact time: 2,700 minutes	18	Associate of applied science degree in diesel power mechanics or related area plus 4,000 hours relevant experience OR current industry license/certification plus 6,000 hours of relevant experience. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
ECE 1011 Introduction to Early Childhood Education 3 credits	An introduction to the profession of Early Childhood Education (ECE). Course content includes eight key areas of professional knowledge related to working with young children and their families in early care and education settings: child growth and development; health, nutrition and safety; developmentally appropriate practices; guidance; family and community relationships; diversity and inclusion; professionalism; and administration and supervision. This course addresses children ages birth through 8 years.	Recommended: 2 years English writing courses OR acceptable ACT, SAT, scores in Writing & Reading	OER materials are provided. No textbook. Computer with full access to D2L is required for each student. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in related field. 18 credit hours in the specific courses or field, 4000 hours (2 years) of industry experience in the last 5 years and CTE Credential.
ECE 1031 Guidance Strategies for Young Children 3 credits	Explores guidance theories, applications, goals, and techniques, as well as factors that influence behavioral expectations of children. This course includes classroom management and pro-social skills development of young children in early childhood (EC) program settings. This course addresses children ages birth through 8 years.	Recommended: 2 years English writing courses OR acceptable ACT, SAT, scores in Writing & Reading	OER materials are provided. No textbook. Computer with full access to D2L is required for each student. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in related field. 18 credit hours in the specific courses or field, 4000 hours (2 years) of industry experience in the last 5 years and CTE Credential.
ECO 1001 Economics of Social Issues [SS1] 3 credits	Examines major contemporary socio-economic issues and policies such as drugs and crime, education, health care, poverty and inequality, and globalization. These issues will be explored using economic tools and methods. This is a statewide Guaranteed Transfer course in the GT-SS1 category.	None	No required text. Textbook selected must be approved by department chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in economics OR master's degree including 18 graduate level credit hours in economics

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
ECO 2001 Principles of Macroeconomics [SS1] 3 credits	Focuses on the study of the national economy, emphasizing business cycles and long-run growth trends. Explores how macroeconomic performance is measured, including Gross Domestic Product and labor market indicators. Examines the saving-investment relationship and its relationship to Aggregate Supply and Aggregate Demand. Discusses money and banking, international trade, fiscal and monetary policy. Explores the macroeconomic role of the public sector. This is a statewide Guaranteed Transfer course in the GT-SS1 category.	None	No required text. Textbook selected must be approved by department chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in economics OR master's degree including 18 graduate level credit hours in economics.
ECO 2002 Principles of Macroeconomics [SS1] 3 credits	Focuses on the study of individual decision making, emphasizing households, business firms and industry analysis. Explores market models, including competition, monopoly, monopolistic competition and oligopoly. Examines market failure and related efficiency criteria for government intervention. Explores public policy, including labor market issues, poverty and the environment. This is a statewide Guaranteed Transfer course in the GT-SS1 category.	None	No required text. Textbook selected must be approved by department chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in economics OR master's degree including 18 graduate level credit hours in economics.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
EDU 2088 Practicum II 1 credit	Provides students with the opportunity to supplement coursework with practical work experience related to their educational program. Students work under the immediate supervision of experienced personnel at the education facility and with the direct guidance of the instructor.	Recommended to be at least 16 years or older. A background check through Aims is required. Recommended: 2 years English writing courses OR acceptable ACT, SAT scores in Writing & Reading	OER materials are provided. No textbook. Computer with full access to D2L is required for each student. Site visit not required. Course contact time: 1,800 minutes	High school classroom capacity	Master's degree in related field 18 credit hours in the specific courses or field. 4000 hours (2 years) of industry experience in the last 5 years CTE credential.
EDU 2211 Introduction to Education 3 credits	Focuses on the historical, social, political, philosophical, cultural, and economic forces that shape the United States public school system. This course includes current issues of education reform, technology as it relates to education, and considerations related to becoming a teacher in the state of Colorado. The course addresses diversity in the preschool through secondary school system.	Recommended to be at least 16 years or older. Recommended: 2 years English writing courses OR acceptable ACT, SAT scores in Writing & Reading	OER materials are provided. No textbook. Computer with full access to D2L is required for each student. Site visit not required. Course contact time: 2,700 minutes	High school classroom capacity	Master's degree in related field 18 credit hours in the specific courses or field. 4000 hours (2 years) of industry experience in the last 5 years CTE credential.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
EDU 2341 Multicultural Education 3 credits	Explores racial, ethnic, cultural, and socioeconomic groups to gain an understanding of equity, diversity, and inclusion in communities and education. This course provides opportunities to contextualize multicultural perspectives in society and their impact on the education system.	Recommended to be at least 16 years or older. Recommended: 2 years English writing courses OR acceptable ACT, SAT scores in Writing & Reading	Current textbook: Gollnick, D. M., & Chinn, P. C. (2021). Multicultural education in a pluralistic society (11th ed.). Pearson. Computer with full access to D2L is required for each student. Site visit not required. Course contact time: 2,700 minutes	High school classroom capacity	Master's degree in related field 18 credit hours in the specific courses or field. 4000 hours (2 years) of industry experience in the last 5 years CTE credential.
EDU 2401 Teaching the Exceptional Learners 3 credits	Focuses on learners with exceptionalities with emphasis on factors relating to current practices, identification, characteristics, and educational adaptations in special education preschool to 21 (P-21). Course topics include issues related to mild disabilities, severe disabilities, emotional and behavioral disorders, intellectual disabilities, and gifted and talented.	Recommended to be at least 16 years or older. Recommended: 2 years English writing courses OR acceptable ACT, SAT scores in Writing & Reading	OER materials are provided. No textbook. Computer with full access to D2L is required for each student. Site visit not required. Course contact time: 2,700 minutes	High school classroom capacity	Master's degree in related field 18 credit hours in the specific courses or field. 4000 hours (2 years) of industry experience in the last 5 years CTE credential.
EDU 2611 Teaching, Learning & Technology 3 credits	Explores integration of technology instruction into teaching practices used in preschool through postsecondary (P-21) educational settings for all curriculum areas of content. This course reviews a variety of technologies with an emphasis on increasing student learning and retention of knowledge. The course also explores combining technology with several instructional methodologies to promote professional teacher dispositions related to technology-rich teaching.	Recommended to be at least 16 years or older. Recommended: 2 years English writing courses OR acceptable ACT, SAT scores in Writing & Reading	OER materials are provided. No textbook. Computer with full access to D2L is required for each student. Site visit not required. Course contact time: 2,700 minutes	High school classroom capacity	Master's degree in related field 18 credit hours in the specific courses or field. 4000 hours (2 years) of industry experience in the last 5 years CTE credential.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
EGG 1051 Introduction to Experimental Design & Engineering 2 credits	Introduces the student to the design and construction of scientific and engineering experiments. Includes the entire life cycle of the experiment, from design, to construction, to analysis of data and communication of final results.	None	Optional textbook (not required: 978-0-99935-780-4 The Mechanical Design Process by David G. Ullman. While a specific textbook is not required, resources used for the class must be documented in the syllabus and may require approval of the department chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in a STEM-related field plus 2,000 hours of relevant industry experience winthin the last 10 years OR associate's degree in a STEM-related field plus 4,000 horus of releveant industry experience within the last 10 years. Experience older than 10 years will be considered if the candidate has been continously teaching in the content area since that time.
ELT 1206 Fundamentals of DC/AC 4 credits	Introduces the basic skills needed for many careers in electronics and related fields. Covers the operations and applications of basic DC and AC circuits consisting of resistors, capacitors, inductors, transformers and diodes. Emphasizes the use of common test instruments in troubleshooting. The course also discusses three phase circuits, motor operation and controls and generators.	None	No required text; however, department does have suggested texts — contact HSP for info. While a specific textbook is not required, resources used for the class must be documented in the syllabus and may require approval of the department chair. Site visit not required. Course contact time: 3,750 minutes (75 contact hours — 30 lecture — 45 lab)	Based on lab equipment to be used Teams must not be >3 students working on a piece of equipment	Bachelor's degree in a STEM-related field plus 2,000 hours of relevant industry experience winthin the last 10 years OR associate's degree in a STEM-related field plus 4,000 horus of releveant industry experience within the last 10 years. Experience older than 10 years will be considered if the candidate has been continously teaching in the content area since that time. Prior to approval to teach class, chair must approve what equipment will be used to teach the lab portion of the class.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
ELT 2358 Programmable Logic Controllers 3 credits	Covers the fundamentals of programmable logic controllers (PLCs) as they are applied in robotics and automation. Includes history, terminology, typical applications, hardware, and software. Incorporates lab and project activities that address operating, monitoring, programming, troubleshooting, and repairing PLC controlled lab trainers as well as actual industrial equipment.	None	No required text; however, department does have suggested texts — contact HSP for info. While a specific textbook is not required, resources used for the class must be documented in the syllabus and may require approval of the department chair.Site visit not required. Course contact time: 3,000 minutes (60 contact hours — 15 lecture — 45 lab)	Based on lab equipment to be used Teams must not be >3 students working on a piece of equipment	Bachelor's degree in a STEM-related field plus 2,000 hours of relevant industry experience winthin the last 10 years OR associate's degree in a STEM-related field plus 4,000 horus of releveant industry experience within the last 10 years. Experience older than 10 years will be considered if the candidate has been continously teaching in the content area since that time. Prior to approval to teach class, chair must approve what equipment will be used to teach the lab portion of the class.
ELT 2367 Introduction to Robotics 1 credit	Introduces basic robotics.	None	No required text; however, department does have suggested texts — contact HSP for info. While a specific textbook is not required, resources used for the class must be documented in the syllabus and may require approval of the department chair. Site visit not required. Course contact time: 2,250 minutes	Based on lab equipment to be used Teams must not be >3 students working on a piece of equipment	Bachelor's degree in a STEM-related field plus 2,000 hours of relevant industry experience winthin the last 10 years OR associate's degree in a STEM-related field plus 4,000 horus of releveant industry experience within the last 10 years. Experience older than 10 years will be considered if the candidate has been continously teaching in the content area since that time. Prior to approval to teach class, chair must approve what equipment will be used to teach the lab portion of the class.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
ELT 2368 Robotics Technologies 3 credits	Introduces industrial robotics as well as a survey of the technologies and equipment used in manufacturing automation and process control. Includes axis configurations, work envelopes, programming, troubleshooting, and maintenance. Incorporates a survey of automation topics including history, computer and hardwired controls, sensors and transducers, motors and actuators, fluid power, etc. and provides a preview of the other ELT classes that cover those subjects.	None	No required text; however, department does have suggested texts — contact HSP for info. While a specific textbook is not required, resources used for the class must be documented in the syllabus and may require approval of the department chair.. Site visit not required. Course contact time: 3,000 minutes	Based on lab equipment to be used Teams must not be >3 students working on a piece of equipment	Bachelor's degree in a STEM-related field plus 2,000 hours of relevant industry experience winthin the last 10 years OR associate's degree in a STEM-related field plus 4,000 horus of releveant industry experience within the last 10 years. Experience older than 10 years will be considered if the candidate has been continously teaching in the content area since that time. Prior to approval to teach class, chair must approve what equipment will be used to teach the lab portion of the class.
EMS 1015 Emergency Medical Responder 3 credits	Provides the student with core knowledge and skills to function in the capacity of a first responder arriving at the scene of an emergency, providing supportive care until advanced EMS help arrives. Students are required to have a professional level CPR certification to enroll in this course. Course is not repetable for credit.	Students are required to have a professional level CPR certification to enroll in this course	Textbook must be approved by Aims Department Chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Colorado EMT certification or above, current CPR certification and at least two (2) years (4,000 hours) of approved experience in a related field in the last 5 years.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
ENG 1021 English Composition I [CO1] 3 credits	Emphasizes the planning, writing, and revising of compositions, including the development of critical and logical thinking skills. This course includes a wide variety of compositions that stress analytical, evaluative, and persuasive/ argumentative writing. This is a statewide Guaranteed Transfer course in the GT-CO1 category. May be taken concurrently with CCR 094.	None	Required text — contact HSP for info. Suggested text: Little Seagull Handbook. Site visit not required. Course contact time: 2,250 minutes	No more than 20 is recommended. 24 students is the maximum allowed	Master's degree in English or closely related degree (literature, teaching w/English emphasis) OR master's degree including 15 graduate level credit hours in the discipline.
ENG 1022 English Composition II [CO2] 3 credits	Expands and refines the objectives of English Composition I. Emphasizes critical/logical thinking and reading, problem definition, research strategies, and writing analytical, evaluative, and/or argumentative compositions. This is a statewide Guaranteed Transfer course in the GT-CO2 category.	ENG 1021 with a grade of C or better	Required text — contact HSP for info. Suggested text: Little Seagull Handbook. Site visit not required. Course contact time: 2,250 minutes	No more than 20 is recommended. 24 students is the maximum allowed	Master's degree in English or closely related degree (literature, teaching w/English emphasis) OR master's degree including 15 graduate level credit hours in the discipline.
ENG 1031 Technical Writing [CO1] 3 credits	Develops skills one can apply to a variety of technical documents. Focuses on principles for organizing, writing, and revising clear, readable documents for industry, business, and government. This is a statewide Guaranteed Transfer course in the GT-CO1 category. May be taken concurrently with CCR 093.	None	Required text — contact HSP for info. Site visit not required. Course contact time: 2,250 minutes	No more than 20 is recommended. 24 students is the maximum allowed	Master's degree in English or closely related degree (literature, teaching w/English emphasis) OR master's degree including 15 graduate level credit hours in the discipline.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
ENG 2021 Creative Writing I [AH1] 3 credits	Examines techniques for creative writing by exploring imaginative uses of language through creative genres (fiction, poetry, and other types of creative production such as drama, screenplays, graphic narrative, or creative nonfiction) with emphasis on the student's own unique style, subject matter and needs. This is a statewide Guaranteed Transfer course in the GT-AH1 category.	None	Required text — contact HSP for info. Site visit not required. Course contact time: 2,250 minutes	No more than 20 is recommended. 24 students is the maximum allowed	Master's degree in English or closely related degree (literature, teaching w/ English emphasis) OR master's degree including 15 graduate level credit hours in the discipline.
ENG 2022 Creative Writing II 3 credits	Provides continued development of written expression in the creative genres (fiction, poetry, and other types of creative production such as drama, screenplays, graphic narrative, or creative nonfiction) with emphasis on the student's own unique style, subject matter and needs. This course is a creative writing workshop centered around producing and critiquing creative work.	None	Required text — contact HSP for info. Site visit not required. Course contact time: 2,250 minutes	No more than 20 is recommended. 24 students is the maximum allowed	Master's degree in English or closely related degree (literature, teaching w/ English emphasis) OR master's degree including 15 graduate level credit hours in the discipline.
ENV 1111 Environmental Science w/Lab [SC1] 4 credits	Introduces the basic concepts of ecology and the relationship between environmental problems and biological systems. This course includes interdisciplinary discussions on biology, chemistry, geology, energy, natural resources, pollution, and environmental protection. A holistic approach is used when analyzing how the foundations of natural sciences interconnect with the environment. This is a statewide Guaranteed Transfer course in the GT-SC1 category.	It is recommended ENG 1021 be completed prior to or be taken concurrently with this course	Required text, lab manual and labs — contact HSP for info. Site visit required. Course contact time: 3,750 minutes	Capped at 24 students per section	Master's degree in Environmental Science, Botany, Ecology, Environmental Policy and Management, Earth Science, Soil and Water Science, Conservation Biology, or Biology with emphasis on Environmental Science.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
ENY 1000 Introduction to Energy Technologies 3 credits	Introduces the energy technologies in use today and those that are in the research stage as possible alternatives. Presents technologies including active solar heating, passive solar heating, wind energy systems, biomass, photovoltaics, co-generation, low and high head hydro, hydrogen, geothermal, power towers and energy storage systems.	None	No required text; however, department does have suggested texts — contact HSP for info. While a specific textbook is not required, resources used for the class must be documented in the syllabus and may require approval of the department chair. Site visit required. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in a STEM-related field plus 2,000 hours of relevant industry experience winthin the last 10 years OR associate's degree in a STEM-related field plus 4,000 horus of releveant industry experience within the last 10 years. Experience older than 10 years will be considered if the candidate has been continously teaching in the content area since that time.
ENY 2701 Alternative Energy Systems 4 credits	Introduces renewable alternatives to conventional fossil fuel energy supply sources. Topics include combined heat and power, photovoltaics, solar pool heating, passive solar and cool roof technologies, carbon footprint and embedded energy concepts, externalities, government roles and society cost tests. Course is not repeatable for credit.	None	No required text; however, department does have suggested texts — contact HSP for info. While a specific textbook is not required, resources used for the class must be documented in the syllabus and may require approval of the department chair. Course contact time: 3,000 minutes	High school classroom capacity	Bachelor's degree in a STEM-related field plus 2,000 hours of relevant industry experience winthin the last 10 years OR associate's degree in a STEM-related field plus 4,000 horus of releveant industry experience within the last 10 years. Experience older than 10 years will be considered if the candidate has been continously teaching in the content area since that time.
FRE 1001 Conversational French I 3 credits	Introduces beginning students to conversational French and focuses on understanding and speaking French. Covers basic vocabulary, grammar, and expressions that are used in daily situations and in travel. Course is not repeatable for credit.		Text must be approved by Department Chair. Site visit not required. Course contact time: 2,700 minutes	High school classroom capacity	Master’s degree in French OR a master's degree in a closely related field including 18 graduate level credit hours in French.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
FRE 1002 Conversational French II 3 credits	Continues the sequence for beginning students who wish to understand and speak French. Covers basic conversational patterns, expressions, and grammar. Prerequisite: FRE 1001 with a grade of "C" or better. Course is not repeatable for credit.	FRE 1001 with a grade of C or better	Text must be approved by Department Chair. Site visit not required. Course contact time: 2,700 minutes	High school classroom capacity	Master's degree in French OR a master's degree in a closely related field including 18 graduate level credit hours in French.
FRE 1011 French Language I [GT-AH4] 5 credits	Develops students' interpretive, interpersonal, and presentational communicative abilities in the language. Integrates these skills in the cultural contexts in which the language is used. Offers a foundation in the analysis of culture. Course is not repeatable for credit.		Text must be approved by Department Chair. Site visit not required. Course contact time: 4,500 minutes	High school classroom capacity	Master's degree in French OR a master's degree in a closely related field including 18 graduate level credit hours in French.
FRE 1012 French Language II [GT-AH4] 5 credits	Expands students' interpretive, interpersonal, and presentational communicative abilities in the language across the disciplines. Integrates these skills with the study of the cultures in which the language is used. Offers a foundation in the analysis of culture and develops intercultural communicative strategies. Prerequisite: FRE 1011 with a grade of "C" or better. Course is not repeatable for credit.	FRE 1011 with a grade of C or better	Text must be approved by Department Chair. Site visit not required. Course contact time: 4,500 minutes	High school classroom capacity	Master's degree in French OR a master's degree in a closely related field including 18 graduate level credit hours in French.
FRE 2011 French Language III [AH4] 3 credits	Continues the development of increased functional proficiency at the intermediate level in speaking, aural comprehension, reading, writing, and cultural competency in the French language. This course is conducted predominantly in French. This is a statewide Guaranteed Transfer course in the GT-AH4 category.	FRE 1012 with a grade of C or better	Text must be approved by Department Chair. Site visit not required. Course contact time: 4,500 minutes	High school classroom capacity	Master's degree in French OR a master's degree in a closely related field including 18 graduate level credit hours in French.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
FRE 2012 French Language IV [AH4] 3 credits	Continues the development of increased functional proficiency at intermediate mid level in speaking, aural comprehension, reading, writing, and cultural competency in the French language. This course is conducted predominantly in French. This is a statewide Guaranteed Transfer course in the GT-AH4 category.	FRE 2011 with a grade of C or better	Text must be approved by Department Chair. Site visit not required. Course contact time: 2,700 minutes	High school classroom capacity	Master's degree in French OR a master's degree in a closely related field including 18 graduate level credit hours in French.
GEO 1005 World Geography [SS2] 3 credits	Examines the spatial distribution of environmental and societal phenomena in the world's regions. Environmental phenomena includes topography, climate, and natural resources. Societal phenomena include patterns of population and settlement, religion, ethnicity, language, and economic development. This course also analyzes the characteristics that define world regions and distinguishes them from each other. This course examines the relationships between physical environments and human societies, and examines globalization, emphasizing the geopolitical and economic relationships between more developed and less developed regions. This is a statewide Guaranteed Transfer course in the GT-SS2 category. Course is not repeatable for credit.	None	No required text, but materials must be approved by the Department Chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in geography OR master's degree including 18 graduate level credit hours in geography.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
GER 1011 German Language I [GT-AH4] 5 credits	Develops students' interpretive, interpersonal, and presentational communicative abilities in the language. Integrates these skills in the cultural contexts in which the language is used. Offers a foundation in the analysis of culture. Course is not repeatable for credit.	None	Text must be approved by Department Chair. Site visit not required. Course contact time: 4,500 minutes	High school classroom capacity	Master's degree in German OR master's degree including 18 graduate level credit hours in German.
GER 1012 German Language II [GT-AH4] 5 credits	Expands students' interpretive, interpersonal, and presentational communicative abilities in the language across the disciplines. Integrates these skills with the study of the cultures in which the language is used. Offers a foundation in the analysis of culture and develops intercultural communicative strategies. Course is not repeatable for credit.	GER 1011 with a grade of C or better	Text must be approved by Department Chair. Site visit not required. Course contact time: 4,500 minutes	High school classroom capacity	Master's degree in German OR master's degree including 18 graduate level credit hours in German.
GER 2011 German Language III [AH4] 3 credits	Continues the development of increased functional proficiency at the intermediate level in speaking, aural comprehension, reading, writing, and cultural competency in the German language. This course is conducted predominantly in German. This is a statewide Guaranteed Transfer course in the GT-AH4 category.	GER 1012 with a grade of C or better	No required text but text must be approved by Department Chair. Site visit not required. Course contact time: 2,700 minutes	High school classroom capacity	Master's degree in German OR master's degree including 18 graduate level credit hours in German.
GER 2012 German Language IV [AH4] 3 credits	Continues the development of increased functional proficiency at intermediate mid-level in speaking, aural comprehension, reading, writing, and cultural competency in the German language. This course is conducted predominantly in German. This is a statewide Guaranteed Transfer course in the GT-AH4 category.	GER 2011 with a grade of C or better	No required text but text must be approved by Department Chair. Site visit not required. Course contact time: 2,700 minutes	High school classroom capacity	Master's degree in German OR master's degree including 18 graduate level credit hours in German.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
GIS 1001 Introduction to GIS 3 credits	Surveys the development, application and use of geographic information systems (GIS).	None	Textbook required. See Aims bookstore or confirm with department chair. GIS software and computers capable of supporting GIS software. Site visit not required. Course contact time: 3,000 minutes	High school classroom capacity	Bachelor's degree in a relevant field (GIS, engineering, construction, etc.) plus 2,000 hours of industry experience including relevant software experience within the last 10 years plus a portfolio of documentation of projects OR associate degree in a relevant field (GIS, engineering technology, construction, etc.) plus 4,000 hours of industry experience including relevant software experience within the last 10 years plus a portfolio of documentation of projects OR software specific certification (ArcGIS professional certification, etc.) plus 4,000 hours of industry experience within the last 10 years plus a portfolio of documentation of projects. Industry experience older than 10 years will be considered.
HIS 1310 Western Civilization: Antiquity-1650 [HI1] 3 credits	Explores trends within events, peoples, groups, ideas, and institutions in Western Civilization from antiquity to 1650. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.	None	No required text/ materials. Textbooks and materials need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in history OR master's degree including 18 graduate level credit hours in history. Chair will also review transcripts for background in this specific topic.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
HIS 1120 The World: 1500-Present [HI1] 3 credits	Explores trends within events, peoples, groups, ideas, and institutions in World History since 1500 as well as on common cultural trends. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through the perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.	None	Required text — contact HSP for info. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in history OR master's degree including 18 graduate level credit hours in history. Chair will also review transcripts for background in this specific topic.
HIS 1320 Western Civilization: 1650 to the Present [HI1] 3 credits	Explores trends within events, peoples, groups, ideas, and institutions in Western civilization since 1650. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.	None	No required text/ materials. Textbooks and materials need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in history OR master's degree including 18 graduate level credit hours in history. Chair will also review transcripts for background in this specific topic.
HIS 1210 US History to Reconstruction [HI1] 3 credits	Explores trends within events, peoples--including Native American—groups, ideas, and institutions in North America and the United States to Reconstruction. This class focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.	None	No required text/ materials. Textbooks and materials need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in history OR master's degree including 18 graduate level credit hours in history. Chair will also review transcripts for background in this specific topic.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
HIS 1220 US History Since the Civil War [HI1] 3 credits	Explores trends within events, peoples, groups, ideas, and institutions since the American Civil War. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.	None	No required text/ materials. Textbooks and materials need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in history OR master's degree including 18 graduate level credit hours in history. Chair will also review transcripts for background in this specific topic.
HIS 2015 20th Century World History [HI1] 3 credits	Investigates the major political, social, and economic developments, international relationships, scientific breakthroughs, and cultural trends that have shaped the various global regions, empires, and nation-states since the late nineteenth century. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1category.	None	No required text/ materials. Textbooks and materials need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in history OR master's degree including 18 graduate level credit hours in history. Chair will also review transcripts for background in this specific topic.
HIS 2110 African American History [HI1] 3 credits	Explores the experiences and contributions of African Americans from the colonial period to the present through the social and economic lives and roles of African Americans, their roles in politics and war, their achievements, and movements for self-help and civil rights. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.	None	No required text/ materials. Textbooks and materials need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in history OR master's degree including 18 graduate level credit hours in history. Chair will also review transcripts for background in this specific topic.

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HIS 2135 Colorado History [HI1] 3 credits	Presents the story of the people, society, and cultures of Colorado from its earliest Native Americans, through the Spanish influx, the explorers, the fur traders, mountain men, the gold rush, railroad builders, the cattlemen and farmers, the silver boom, the tourists, and the modern state. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.	None	No required text/ materials. Textbooks and materials need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in history OR master's degree including 18 graduate level credit hours in history. Chair will also review transcripts for background in this specific topic.
HIS 2145 US History Since 1945 [HI1] 3 credits	Examines the major political, economic, social, and cultural developments that have shaped modern America from 1945 to the present. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category	None	No required text/ materials. Textbooks and materials need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in history OR master's degree including 18 graduate level credit hours in history. Chair will also review transcripts for background in this specific topic.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
HPE 2031 Care & Prevention of Athletic Injuries 3 credits	Focuses on techniques in prevention, care and basic rehabilitation of athletic injury.	None	No required text/ materials. Site visit not required. Course contact time: 2,700 minutes	High school classroom capacity	Associate's Degree, accompanied by 8,000 hours of related experience and a relevant certification (if applicable). Bachelor's Degree, accompanied by 4,000 hours of related experience and a relevant certification (if applicable). Master's Degree in Exercise Science, Kinesiology, or related field, accompanied by 2,000 hours of related experience and a relevant certification (if applicable).
HPR 1006 Customer Service in Healthcare 2 credits	Introduces students to customer service theory and techniques specifically in the healthcare arena. This course will discuss therapeutic communication, conflict resolution and negotiation, as well as employee/ employer relations. Exploration of diverse populations and cultural sensitivity will be addressed. Course is not repeatable for credit.	None	Text/materials — approval of department chair. Site visit not required. Course contact time: 1,800 minutes	High school classroom capacity	Bachelor's degree in healthcare profession plus 4,000 hours related experience in the last five years OR associate of applied science degree in healthcare profession plus 6,000 hours related experience within the last five years. Experience older than five years will be considered if the candidate has been continuously teaching in the content area since that time. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
HPR 1036 Human Diseases 4 credits	Covers basic knowledge of the deviations that occur in the human body with disease and injury. An integrated study of signs/ symptoms, diagnostic tests and treatment.	None	Text/materials — approval of department chair. Site visit not required. Course contact time: 3,600 minutes	High school classroom capacity	Master's degree in a relevant field (such as anatomy and physiology or health professional) plus 2,000 hours of relevant work experience OR bachelor's degree in a relevant field plus 4,000 hours of relevant work experience OR associate degree in a relevant field plus 8,000 hours of relevant work experience. Faculty must have an Aims CTE Credential to teach these courses.
HPR 1040 Comprehensive Medical Terminology 3 credits	Provides an in-depth study of the structure of medical terms with emphasis on using and combining common prefixes, roots and suffixes. This course includes terms related to major body systems, oncology, and psychiatry as well as clinical laboratory and diagnostic procedures, and imaging, and provides accepted pronunciation of terms and relative use in the healthcare setting.	None	Text/materials — approval of department chair. Site visit not required. Course contact time: 2,700 minutes	High school classroom capacity	Bachelor's degree in a health-related discipline plus 4,000 hours of experience in a healthcare setting within the last five years OR an associate of applied science degree in a health-related discipline plus 6,000 hours experience in a healthcare setting within the last five years OR a health-related certificate plus 6,000 hours experience in a healthcare setting within the last five years. Experience older than five years will be considered if the candidate has been continuously teaching in the content area since that time. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
HUM 1003 Introduction to Film Art [GT-AH2] 3 credits	Introduces film terminology and narrative techniques to explore how film conveys meaning and to study the relationships among film form, content, and audience reception. This course emphasizes active viewing, discussion, and critical analysis of films from different cultures and eras. This is a statewide Guaranteed Transfer course in the GT-AH2 category. Course is not repeatable for credit.	None	Text will need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	25	Master's degree or master of fine arts degree in humanities including 18 graduate level credit hours in humanities OR master's degree or master of fine arts degree in any field including 18 graduate level credit hours in one or more of the following disciplines: drama, religion, theatre, literature, philosophy, humanities, world language, English, art, art history, history, music, fine arts, film/media studies, or related areas. Ideal candidates will possess some graduate credits and experience with film and/or media studies.
HUM 1015 World Mythology [AH2] 3 credits	Introduces an interdisciplinary approach to world mythology. The course illustrates and connects common themes in mythology to world religion, philosophy, art, literature, music, and contemporary culture using various interpretive methods. This is a statewide Guaranteed Transfer course in the GT- AH2 category.	None	Text will need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	25	Master's degree or master of fine arts degree in humanities including 18 graduate level credit hours in humanities OR master's degree or master of fine arts degree in any field including 18 graduate level credit hours in one or more of the following disciplines: drama, religion, theatre, literature, philosophy, humanities, world language, English, art, art history, history, music, fine arts, film/media studies, or related areas. Ideal candidates will possess some graduate credits and experience with film and/or media studies.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
HUM 1021 Early Civilizations [GT-AH2] 3 credits	Introduces the interdisciplinary study of ideas that have defined cultures through a survey of the visual, performing, and literary arts, emphasizing connections among diverse cultures, including European and non-European, from the prehistoric to the early medieval era. This is a statewide Guaranteed Transfer course in the GT-AH2 category. Course is not repeatable for credit.	None	Text will need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	25	Master's degree or master of fine arts degree in humanities including 18 graduate level credit hours in humanities OR master's degree or master of fine arts degree in any field including 18 graduate level credit hours in one or more of the following disciplines: drama, religion, theatre, literature, philosophy, humanities, world language, English, art, art history, history, music, fine arts, film/media studies, or related areas. Ideal candidates will possess BOTH graduate credits and/ or experience within one primary discipline shown here AND demonstrates some interdisciplinary graduate work. Example: candidate possesses a graduate degree in English with additional graduate coursework or experience in history, film, art, or music.
HUM 1022 Medieval-Modern [GT-AH2] 3 credits	Introduces the interdisciplinary study of ideas that have defined cultures through a survey of the visual, performing, and literary arts, emphasizing connections among global cultures from the medieval to the early modern era. This is a statewide Guaranteed Transfer course in the GT-AH2 category. Course is not repeatable for credit.	None	Text will need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	25	Master's degree or master of fine arts degree in humanities including 18 graduate level credit hours in humanities OR master's degree or master of fine arts degree in any field including 18 graduate level credit hours in one or more of the following disciplines: drama, religion, theatre, literature, philosophy, humanities, world language, English, art, art history, history, music, fine arts, film/media studies, or related areas. Ideal candidates will possess BOTH graduate credits and/ or experience within one primary discipline shown here AND demonstrates some interdisciplinary graduate work. Example: candidate possesses a graduate degree in English with additional graduate coursework or experience in history, film, art, or music.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
HUM 1023 Modern World [GT-AH2] 3 credits	Introduces the interdisciplinary study of ideas that have defined cultures through a survey of the visual, performing, and literary arts, emphasizing connections among global cultures from the European Enlightenment to the postmodern era. This is a statewide Guaranteed Transfer course in the GT-AH2 category. Course is not repeatable for credit.	None	Text will need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	25	Master's degree or master of fine arts degree in humanities including 18 graduate level credit hours in humanities OR master's degree or master of fine arts degree in any field including 18 graduate level credit hours in one or more of the following disciplines: drama, religion, theatre, literature, philosophy, humanities, world language, English, art, art history, history, music, fine arts, film/media studies, or related areas. Ideal candidates will possess BOTH graduate credits and/or experience within one primary discipline shown here AND demonstrates some interdisciplinary graduate work. Example: candidate possesses a graduate degree in English with additional graduate coursework or experience in history, film, art, or music.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
HUM 1031 Arts & Cultures of Mexico 3 credits	Introduces students, through visual arts, music, and literature to attitudes toward the sacred and toward power (political, economic, social, religious) held by various cultures in Mexico from the Pre-Hispanic era to the mid-twentieth century.	None	Text will need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	25	Master's degree or master of fine arts degree in humanities including 18 graduate level credit hours in humanities OR master's degree or master of fine arts degree in any field including 18 graduate level credit hours in one or more of the following disciplines: drama, religion, theatre, literature, philosophy, humanities, world language, English, art, art history, history, music, fine arts, film/media studies, or related areas. Ideal candidates will possess BOTH graduate credits and/or experience within one primary discipline shown here AND demonstrates some interdisciplinary graduate work. Example: candidate possesses a graduate degree in Spanish Language with additional graduate coursework or experience in history, film, art, or music.
HWE 1062 Health & Wellness 3 credits	Explores the six components of wellness: physical, social, intellectual, spiritual, emotional, and occupational. Topics include health risks, wellness behaviors, and personal behavior change in the areas of nutrition; exercise; substance abuse; stress management; cardiovascular and cancer risk factors; the aging process; and violence, death, and dying in our society. Provides tools to complete self-assessments and develop a wellness program for a healthier lifestyle across a lifespan.	None	No required text/materials. Site visit not required. Course contact time: 2,700 minutes	High school classroom capacity	Associate's Degree, accompanied by 8,000 hours of related experience. Bachelor's Degree, accompanied by 4,000 hours of related experience. Master's Degree in Exercise Science, Kinesiology, or related field, accompanied by 2,000 hours of related experience.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
JPN 1001 Conversational Japanese I 3 credits	Introduces beginning students to conversational Japanese and focuses on understanding and speaking Japanese. Covers basic vocabulary, grammar, and expressions that are used in daily situations and in travel. Course is not repeatable for credit.	None	Text must be approved by Department Chair. Site visit not required. Course contact time: 2,700 minutes	High school classroom capacity	Master's degree in Japanese OR a master's degree in a closely related field including 18 graduate level credit hours in Japanese.
JPN 1002 Conversational Language II 3 credits	Continues the sequence for students who wish to understand and speak Japanese. Covers basic conversational patterns, expressions and grammar. Course is not repeatable for credit.	JPN 1001 with a grade of C or better	Text must be approved by Department Chair. Site visit not required. Course contact time: 2,700 minutes	High school classroom capacity	Master's degree in Japanese OR a master's degree in a closely related field including 18 graduate level credit hours in Japanese.
JPN 1011 Japanese Language I 5 credits	Introduces a sequence dealing with the development of functional proficiency in listening, speaking, reading and writing the Japanese language. Note: The order of the topics and methodology will vary according to individual texts and instructors. Course is not repeatable for credit.	None	Text must be approved by Department Chair. Site visit not required. Course contact time: 4,500 minutes	High school classroom capacity	Master's degree in Japanese OR a master's degree in a closely related field including 18 graduate level credit hours in Japanese.
JPN 1012 Japanese Language II 5 credits	Continues Foreign Language I in the development of functional proficiency in listening, speaking, reading and writing the Japanese language. Note: The order of the topics and the methodology will vary according to individual texts and instructors. Course is not repeatable for credit.	JPN 1011 with a grade of C or better	Text must be approved by Department Chair. Site visit not required. Course contact time: 4,500 minutes	High school classroom capacity	Master's degree in Japanese OR a master's degree in a closely related field including 18 graduate level credit hours in Japanese.
LIT 1015 Introduction to Literature [AH2] 3 credits	Introduces fiction, poetry, and drama. This course emphasizes active and responsive reading. This is a statewide Guaranteed Transfer course in the GT- AH2 category.	None	Text must be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	25	Master's degree in English or closely related degree (literature, teaching w/English emphasis) OR master's degree including 15 graduate level credit hours in the discipline.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
LIT 2001 World Literature to 1600 [AH2] 3 credits	Examines significant writings in world literature from the ancients to the seventeenth century. It emphasizes active reading and understanding of the works and their cultural backgrounds. This is a statewide Guaranteed Transfer course in the GT-AH2 category.	None	Text must be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	25	Master's degree in English or closely related degree (literature, teaching w/English emphasis) OR master's degree including 15 graduate level credit hours in the discipline.
LIT 2002 World Literature After 1600 [AH2] 3 credits	Examines significant writings in world literature from the seventeenth century to the present. It emphasizes active reading and understanding of the works and their cultural backgrounds. This is a statewide Guaranteed Transfer course in the GT-AH2 category.	None	Text must be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	25	Master's degree in English or closely related degree (literature, teaching w/English emphasis) OR master's degree including 15 graduate level credit hours in the discipline.
LIT 2011 American Literature to the Civil War [AH2] 3 credits	Examines American literary works from pre-European arrival on the continent up to the Civil War, including works from diverse people that contributed to American literature. This course also explores historical and social contexts within various genres. This is a statewide Guaranteed Transfer course in the GT-AH2 category.	None	Text must be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	25	Master's degree in English or closely related degree (literature, teaching w/English emphasis) OR master's degree including 15 graduate level credit hours in the discipline.
LIT 2012 American Literature After The Civil War [AH2] 3 credits	Examines American literary works from 1865 to the present, distinguishing among literary themes, genres, and schools of thought that illustrate historical and social contexts across a multicultural spectrum. This is a statewide Guaranteed Transfer course in the GT-AH2 category.	None	Text must be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	25	Master's degree in English or closely related degree (literature, teaching w/English emphasis) OR master's degree including 15 graduate level credit hours in the discipline.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
LIT 2022 British Literature Since 1770 [AH2] 3 credits	Examines major works of British literature from the 18th century to the present. Explores the historical, political, and social contexts of the works and the major themes authors used to reflect and critique the social assumptions of their times. Besides fostering an understanding of works essential to western culture, the course examines how these works are still influential and relevant to contemporary thought and culture. This is a statewide Guaranteed Transfer course in the GT-AH2 category.	None	Text will need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	25	Master's degree in Literature OR Master's in another content with 18 post graduate credits in related field.
LIT 2005 Race, Ethnicity and Culture in U.S. Literature [AH2] 3 credits	Examines the cultural, historical, and social contexts impacting multiple ethnic American identities through critical reading and analysis. This course focuses on significant works by authors who identify as African American, Native American, Latino/a, Asian American, and other ethnicities. This is a statewide Guaranteed Transfer course in the GT-AH2 category.	None	Text will need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	25	Master's degree in Literature OR Master's in another content with 18 post graduate credits in related field.
LIT 2046 Literature of Women [AH2] 3 credits	Examines the techniques and themes in literature of various genres by and about women by considering what it means for women to be in literature, as characters and also as authors. This is a statewide Guaranteed Transfer course in the GT-AH2 category.	None	Text will need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	25	Master's degree in Literature OR Master's in another content with 18 post graduate credits in related field.
LIT 2058 Latinx Literature [AH2] 3 credits	Examines the cultural, historical, and social contexts impacting Latinx identities through critical reading and analysis. This course focuses on significant works, including poetry, drama, and/or fiction, by Latinx authors.	None	Text will need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	25	Master's degree in Literature OR Master's in another content with 18 post graduate credits in related field.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
MAC 1000 Machine Shop Safety 1 credit	Covers the hazards of a machine shop including health and safety, locating essential safety information from a code or other standard, location and use of safety and emergency equipment, and identifying and applying shop safety procedures. Course is not repeatable for credit.	None	Text, materials and equipment to be determined in conjunction with the department chair. Site visit required. Course contact time: 750 minutes	High school classroom capacity	Bachelor's degree in a relevant field (engineering, industrial design, etc.) plus 2,000 hours of industry experience including relevant software experience within the last 10 years plus a portfolio of documentation of projects OR associate degree in a relevant field (MAC, CAD, engineering technology, industrial technology, etc.) plus 4,000 hours of industry experience including relevant software experience within the last 10 years plus a portfolio of documentation of projects OR trade specific training: apprenticeship, machining certification, etc. plus 2,000 hours of industry experience within the last 10 years OR portfolio documentation of projects plus 6,000 hours of industry experience within the last 10 years. Industry experience older than 10 years will be considered. Faculty must have an Aims CTE Credential to teach these courses.

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MAC 1001 Introduction to Machine Shop 3 credits	Covers safety procedures, use of bench tools, layout tools, power saws, drill presses, precision measurement tools, and various hand tools related to the machine shop. Also included are sharpening drill bits and general purpose turning tools for the lathe and determining speeds and feeds for both the lathe and the milling machine. Course is not repeatable for credit.	MAC 1000 with a grade of C or better may be taken concurrently	Text, materials and equipment to be determined in conjunction with the department chair. Site visit required. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in a relevant field (engineering, industrial design, etc.) plus 2,000 hours of industry experience including relevant software experience within the last 10 years plus a portfolio of documentation of projects OR associate degree in a relevant field (MAC, CAD, engineering technology, industrial technology, etc.) plus 4,000 hours of industry experience including relevant software experience within the last 10 years plus a portfolio of documentation of projects OR trade specific training: apprenticeship, machining certification, etc. plus 2,000 hours of industry experience within the last 10 years OR portfolio documentation of projects plus 6,000 hours of industry experience within the last 10 years. Industry experience older than 10 years will be considered. Faculty must have an Aims CTE Credential to teach these courses.

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MAC 1010 Intro to Engine Lathe 3 credits	Introduces basic lathe applications which will consist of identifying lathe components and controls, understanding turning safety, calculating speeds and feeds, using various tools and tool holders, identifying basic tool geometry, and the use of common lathe spindle tooling. Students will perform basic lathe operations, which will consist of facing, center-drilling, chuck turning, turning between centers, boring, grooving, tapers, knurling, and single point threading. Students will be required to produce specified parts to a tolerance of +/- .004 in. and perform competencies set by manufacturing standards. Course is not repeatable for credit.	MAC 1000 and MAC 1001 with grades of C or better	Text, materials and equipment to be determined in conjunction with the department chair. Site visit required. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in a relevant field (engineering, industrial design, etc.) plus 2,000 hours of industry experience including relevant software experience within the last 10 years plus a portfolio of documentation of projects OR associate degree in a relevant field (MAC, CAD, engineering technology, industrial technology, etc.) plus 4,000 hours of industry experience including relevant software experience within the last 10 years plus a portfolio of documentation of projects OR trade specific training: apprenticeship, machining certification, etc. plus 2,000 hours of industry experience within the last 10 years OR portfolio documentation of projects plus 6,000 hours of industry experience within the last 10 years. Industry experience older than 10 years will be considered. Faculty must have an Aims CTE Credential to teach these courses.

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MAC 1020 Intro to Milling Machine 3 credits	Teaches students to identify the major parts of the vertical mill, align a vise, use an indicator, edge finder, and boring head, determine speeds and feeds perform simple indexing, mill flat, square surfaces and slots, drill, bore, and tap holes, and work within a plus or minus .002 inch tolerance. Course is not repeatable for credit.	MAC 1000 and MAC 1001 with grades of C or better	Text, materials and equipment to be determined in conjunction with the department chair. Site visit required. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in a relevant field (engineering, industrial design, etc.) plus 2,000 hours of industry experience including relevant software experience within the last 10 years plus a portfolio of documentation of projects OR associate degree in a relevant field (MAC, CAD, engineering technology, industrial technology, etc.) plus 4,000 hours of industry experience including relevant software experience within the last 10 years plus a portfolio of documentation of projects OR trade specific training: apprenticeship, machining certification, etc. plus 2,000 hours of industry experience within the last 10 years OR portfolio documentation of projects plus 6,000 hours of industry experience within the last 10 years. Industry experience older than 10 years will be considered. Faculty must have an Aims CTE Credential to teach these courses.
MAC 2005 Intro to CNC Milling Operations 3 credits	Introduces basic creating and editing of CNC mill programs. Introduction to G&M codes, math, speeds and feeds, production processes including process controls, and documentation associated with manufacturing will be covered. Course is not repeatable for credit.	MAC 1020 with a grade of C or better	Text, materials and equipment to be determined in conjunction with the department chair. Site visit required. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in a relevant field (engineering, industrial design, etc.) plus 2,000 hours of industry experience including relevant software experience within the last 10 years plus a portfolio of documentation of projects OR associate degree in a relevant field (MAC, CAD, engineering technology, industrial technology, etc.) plus 4,000 hours of industry experience including relevant software experience within the last 10 years plus a portfolio of documentation of projects OR trade specific training: apprenticeship, machining certification, etc. plus 2,000 hours of industry experience within the last 10 years OR portfolio documentation of projects plus 6,000 hours of industry experience within the last 10 years. Industry experience older than 10 years will be considered. Faculty must have an Aims CTE Credential to teach these courses.

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MAN 1017 Time Management 1 credit	Provides a clear sense of purpose for the following: structured goals, overcome barriers, leverage practical strategies, tools, and techniques to develop and implement an effective time management framework.	None	Text required — contact HSP for info. Site visit not required. Course contact time: 750 minutes	24	Bachelor's degree in Business or related area OR Associate's degree in Business or related area PLUS 4000 professional experience AND CTE credential.
MAN 1025 Teambuilding 1 credit	Introduces the concept of working as a team member. This course emphasizes the ability to negotiate, collaborate, build consensus, and make quality decisions.	None	Text required — contact HSP for info. Site visit not required. Course contact time: 750 minutes	24	Bachelor's degree in Business or related area OR Associate's degree in Business or related area PLUS 4000 professional experience AND CTE credential.
MAN 2016 Small Business Management 3 credits	Examines the elements necessary for the successful formation of a new small business and to enhance the skills of those already involved in the operation of a small business. This course includes the development of a complete small business plan.	None	Text required — contact HSP for info. If course is offered as part of the High School of Business (HSB), the HSB curriculum must be utilized. Site visit not required. Course contact time: 2,250 minutes	24	Bachelor's degree in Business or related area OR Associate's degree in Business or related area PLUS 4000 professional experience AND CTE credential.
MAN 2026 Principles of Management 3 credits	Provides an overview of the principles of management. Emphasis is on the primary functions of planning, organizing, staffing, leading and controlling with a balance between the behavioral and operational approaches.	None	Text required — contact HSP for info. If course is offered as part of the High School of Business (HSB), the HSB curriculum must be utilized. Site visit not required. Course contact time: 2,250 minutes	24	Bachelor's degree in Business or related area OR Associate's degree in Business or related area PLUS 4000 professional experience AND CTE credential.
MAN 2087 Cooperative Work Experience 3 credits	Provides students with the opportunity to supplement course work with practical work experience related to their educational program and occupational objectives. Students are placed at approved work stations which are related to their program of study. They work under the immediate supervision of experienced personnel at the business location and with the direct guidance of the instructor/ coordinator.	None	No textbook. Site visit not required. Course contact time: 135 hours	20	Bachelor's degree in Business or related area OR Associate's degree in Business or related area PLUS 4000 professional experience AND CTE credential.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
MAR 1055 Social Media for Marketing in Business 3 credits	Focuses on the use of social media as a business strategy and how to match strategy with the goals of the business. This course compares social media marketing with traditional marketing and explores online best practices to father business goals.	None	Text will need to be approved by Department Chair. Site visit not required. Course contact time: 2,700 minutes	24	Bachelor's degree in Business or related field OR Associate's degree in Business or related field PLUS 4000 hours of professional work experience AND a CTE credential
MAR 2016 Principles of Markeitng 3 credits	Presents the analysis of theoretical marketing processes and the strategies of product development, pricing, promotion and distribution, and their applications to businesses and the individual consumer.	None	Text required — contact HSP for info. If course is offered as part of the High School of Business (HSB), the HSB curriculum must be utilized. Site visit not required. Course contact time: 2,250 minutes	24	Bachelor's degree in Business or related area OR Associate's degree in Business or related area PLUS 4000 hours professional work experience AND CTE credential.
MAT 1100 Skilled Trades & Industrial Mathematics 2 credits	Provides a review of general mathematics, introductory algebra, systems of measurements, and methods of solving problems related to skilled trades and general industrial repair. It is designed for students in the repair industry. Topics may include algebra, geometry, graphs, measurement, and conversion between various systems of measurement.	Course readiness is determined by review of high school transcripts, assessment, and/or meeting with an Aims Academic Advisor	No required text/ materials. MyOpenMath template available Fall 2025. Site visit not required. Course contact time: 1,500 minutes	High school classroom capacity	Bachelor's degree in Mathematics, Applied Mathematics, Statistics, or related area OR bachelor's degree in any area plus 6,000 of work experience where the competencies of the course are being used.
MAT 1140 Career Math 3 credits	Covers material designed for career and technical students who need to study particular mathematical topics. Topics include measurement, algebra, geometry, statistics, and graphs. These are presented at an introductory level and the emphasis is on applications.	Course readiness is determined by review of high school transcripts, assessment, and/or meeting with an Aims Academic Advisor	No required text/ materials. MyOpenMath template available Fall 2025. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in Mathematics, Applied Mathematics, Statistics, or related area OR bachelor's degree in any area plus 6,000 of work experience where the competencies of the course are being used.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
MAT 1150 Technical Mathematics 4 credits	Covers mathematical material designed for career and technical students. Topics include measurement, algebra, geometry, trigonometry, and vectors. These are presented at an introductory level and the emphasis is on applications.	Course readiness is determined by review of high school transcripts, assessment, and/or meeting with an Aims Academic Advisor	No required text/ materials. MyOpenMath template available Fall 2025. Site visit not required. Course contact time: 3,000 minutes	High school classroom capacity	Bachelor's degree in Mathematics, Applied Mathematics, Statistics, or related area OR bachelor's degree in any area plus 6,000 of work experience where the competencies of the course are being used.
MAT 1160 Financial Mathematics 3 credits	Covers the fundamentals of financial mathematics. Topics include pricing, taxes, insurance, interest, annuities, amortization, and investments.	None	Text must be approved by the department chair. Site visit not required. Course contact time: 2,250 minutes	24	Bachelor's degree in Business or related area OR Associate's degree in Business or related area PLUS 4,000 hours of professional experience AND CTE credential.
MAT 1240 Mathematics for Liberal Arts [MA1] 4 credits	Highlights connections between mathematics and the society in which we live and is intended for liberal arts majors. Topics include set theory and logic, mathematical modeling, probability and statistical methods, and consumer mathematics. This is a statewide Guaranteed Transfer course in the GT-MA1 category.	Course readiness is determined by review of high school transcripts, assessment, and/or meeting with an Aims Academic Advisor	No required text/ materials. MyOpenMath template available. Site visit not required. Course contact time: 3,000 minutes	High school classroom capacity	Master's degree in Mathematics, Applied Mathematics, or Statistics OR Master's degree in another content with 18 post graduate credits in Mathematics.
MAT 1260 Introduction to Statistics* [MA1] 3 credits *MAT 1260 is not the required Statistics course for Business majors. Business majors should take BUS 2026 Business Statistics.	Introduces descriptive and inferential statistics, with an emphasis on critical thinking and statistical literacy. Topics include methods of data collection, presentation and summarization, introduction to probability concepts and distributions, and statistical inference of one and two populations. This course uses real world data to illustrate applications of a practical nature. This is a statewide Guaranteed Transfer course in the GT-MA1 category.	Course readiness is determined by review of high school transcripts, assessment, and/or meeting with an Aims Academic Advisor	No required text/ materials. MyOpenMath template available. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in Mathematics, Applied Mathematics, or Statistics OR Master's degree in another content with 18 post graduate credits in Mathematics.

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MAT 1340 College Algebra [MA1] 4 credits	Focuses on a variety of functions and the exploration of their graphs. Topics include: equations and inequalities, operations on functions, exponential and logarithmic functions, linear and non-linear systems, and an introduction to conic sections. This course provides essential skills for Science, Technology, Engineering, and Math (STEM) pathways. This is a statewide Guaranteed Transfer course in the GT-MA1 category.	Course readiness is determined by review of high school transcripts, assessment, and/or meeting with an Aims Academic Advisor	No required text/ materials. MyOpenMath template available. Site visit not required. Course contact time: 3,000 minutes	High school classroom capacity	Master's degree in Mathematics, Applied Mathematics, or Statistics OR Master's degree in another content with 18 post graduate credits in Mathematics.
MAT 1400 Survey of Calculus* [MA1] 4 credits	Includes derivatives, integrals, and their applications, with attention restricted to algebraic, exponential, and logarithmic functions for business, life science and/or social science majors. This is a statewide Guaranteed Transfer course in the GT-MA1 category.	MAT 1340 or higher with a grade of C or better	No required text/ materials. Site visit not required. Course contact time: 3,000 minutes	High school classroom capacity	Master's degree in Mathematics, Applied Mathematics, or Statistics OR Master's degree in another content with 18 post graduate credits in Mathematics.
MAT 1420 College Trigonometry [MA1] 3 credits	Explores trigonometric functions, their graphs, inverse functions and identities. Topics include: trigonometric equations, solutions of triangles, trigonometric form of complex numbers, and polar coordinates. This course provides essential skills for Science, Technology, Engineering, and Math (STEM) pathways. This is a statewide Guaranteed Transfer course in the GT-MA1 category.	MAT 1340 or higher with a grade of C or better	No required text/ materials. MyOpenMath template available. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in Mathematics, Applied Mathematics, or Statistics OR Master's degree in another content with 18 post graduate credits in Mathematics.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
MAT 1440 Pre-Calculus 5 credits	Extends algebraic concepts and explores the subject of trigonometry. Topics include: polynomial, rational, logarithmic, and exponential functions, trigonometric and inverse trigonometric functions and their graphs, trigonometric identities, and applications. This course provides essential skills for Science, Technology, Engineering, and Math (STEM) pathways. This is a statewide Guaranteed Transfer course in the GT-MA1 category.	Course readiness is determined by review of high school transcripts, assessment, and/or meeting with an Aims Academic Advisor	No required text/ materials. MyOpenMath template available. Site visit not required. Course contact time: 3,750 minutes	High school classroom capacity	Master's degree in Mathematics, Applied Mathematics, or Statistics OR Master's degree in another content with 18 post graduate credits in Mathematics. This course is intended for students with a strong algebra background and is not meant to replace college algebra and college trigonometry for those students needing the depth of content offered by separate courses.
MAT 2410 Calculus I [MA1] 5 credits	Introduces single variable calculus and analytic geometry. Includes limits, continuity, derivatives, and applications of derivatives as well as indefinite and definite integrals and some applications. This course is a statewide guaranteed transfer course GT-MA1.	MAT 1340 and MAT 1420 both with grades of C or better	No required text/ materials. MyOpenMath template available. Site visit not required. Course contact time: 3,750 minutes	High school classroom capacity	Master's degree in Mathematics, Applied Mathematics, or Statistics OR Master's degree in another content with 18 post graduate credits in Mathematics.
MAT 2420 Calculus II [MA1] 5 credits	Continues the study of single variable calculus which will include techniques of integration, analytic geometry, improper integrals, convergence of infinite numerical series and power series. This is a statewide Guaranteed Transfer course in the GT-MA1 category.	MAT 2410 with a grade of C or better	No required text/ materials. MyOpenMath template available. Site visit not required. Course contact time: 3,750 minutes	High school classroom capacity	Master's degree in Mathematics, Applied Mathematics, or Statistics OR Master's degree in another content with 18 post graduate credits in Mathematics.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
MGD 1011 Adobe Photoshop I 3 credits	Concentrates on the high-end capabilities of Adobe Photoshop as an illustration, design and photo retouching tool. Students explore a wide range of selection and manipulation techniques that can be applied to photos, graphics and videos. Course competencies and outline follow those set out by the Adobe Certified Associate exam in Visual Communication Using Adobe Photoshop.	None	Adobe Classroom in a Book for Adobe Photoshop; text will need to be approved by Graphic Design & Rich Media program chair. Site visit not required. Course contact time: 3,000 minutes	High school classroom capacity	Bachelor's degree in Graphic Design or a media-related field plus 4,000 hours or 2 years in a media-related field in the last 10 years OR an Associates of Applied Sciences degree in Graphic Design or a media-related field plus 8,000 hours or 4 years in a media-related field in the last 10 years.
MGD 1012 Adobe Illustrator I 3 credits	Concentrates on the high-end capabilities of Adobe Illustrator as an illustration, design and vector drawing tool. Students learn how to use the tools to create digital artwork that can be used in web design, print media, and digital screen design. Course competencies and outline follow those set by the Adobe certified Associate exam in Visual Communication using Adobe Illustrator.	None	Adobe Classroom in a Book for Adobe Photoshop; text will need to be approved by Graphic Design & Rich Media program chair. Site visit not required. Course contact time: 3,000 minutes	High school classroom capacity	Bachelor's degree in Graphic Design or a media-related field plus 4,000 hours or 2 years in a media-related field in the last 10 years OR an Associates of Applied Sciences degree in Graphic Design or a media-related field plus 8,000 hours or 4 years in a media-related field in the last 10 years.
MGD 1063 Sound Design I 3 credits	Explores the use of sound in multimedia production and audio storytelling. Students examine the principles of recording. Classes focus on how sound can enhance interactive productions and improve computer presentations. Students learn how to use the computer as a full audio editing studio. Course is not repeatable for credit.	None	Adobe Classroom in a Book for Adobe InDesign; text will need to be approved by Graphic Design & Rich Media program Chair. Site visit not required. Course contact time: 3,000 minutes	High school classroom capacity	Bachelor's degree in Graphic Design or a media-related field plus 4,000 hours or 2 years in a media-related field in the last 10 years OR an Associates of Applied Sciences degree in Graphic Design or a media-related field plus 8,000 hours or 4 years in a media-related field in the last 10 years.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
MGD 2011 Adobe Photoshop II 3 credits	Develops and reinforces image composition techniques learned in Adobe Photoshop I, MGD 1011. Fundamentals are continuously reinforced as new design techniques are introduced.	MGD 1011 with a grade of C or better	No required materials; text will need to be approved by Graphic Design & Rich Media program chair. Site visit not required. Course contact time: 3,000 minutes	High school classroom capacity	Bachelor's degree in Graphic Design or a media-related field plus 4,000 hours or 2 years in a media-related field in the last 10 years OR an Associates of Applied Sciences degree in Graphic Design or a media-related field plus 8,000 hours or 4 years in a media-related field in the last 10 years.
MGD 2012 Adobe Illustrator II 3 credits	Expands the skillful practice and strategic use of Adobe Illustrator as a vector-based design tool in traditional and emerging workflows.	MGD 1012 with a grade of C or better	No required materials; text will need to be approved by Graphic Design & Rich Media program chair. Site visit not required. Course contact time: 3,000 minutes	High school classroom capacity	Bachelor's degree in Graphic Design or a media-related field plus 4,000 hours or 2 years in a media-related field in the last 10 years OR an Associates of Applied Sciences degree in Graphic Design or a media-related field plus 8,000 hours or 4 years in a media-related field in the last 10 years.
MLT 1000 Introduction to Medical Laboratory Technology 2 credits	Introduces the student to general and basic information on Clinical Laboratory Science. The course provides an overview of careers within the field, education requirements, and professional organizations. Fundamental information about clinical labs including laboratory divisions, safety, and quality control is presented. The course examines the pathophysiology of disease, and students are introduced through hands-on experiences to those tests that aid in the diagnosis of disease states. Course is not repeatable for credit.	None	Text/materials — approval of department chair. Site visit required. Course contact time: 2,700 minutes	High school classroom capacity	Master's degree in a relevant field (biochemistry, microbiology, biology sciences) plus 2,000 hours of relevant work experience OR bachelor's degree plus 4,000 hours of relevant work experience OR associate degree plus 8,000 hours of relevant work experience. Faculty must have an Aims CTE Credential to teach these courses.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
MTE 1011 Introduction to Manufacturing 3 credits	Gives students a broad understanding of manufacturing and the role of the manufacturing technician. Students learn how manufacturing is important to Colorado and the U.S. Topics covered include manufacturing concepts, principles, and processes, cost elements, tools and techniques, safety, current trends and manufacturing in the future.	None	No required text; however, department does have suggested texts — contact HSP for info. While a specific textbook is not required, resources used for the class must be documented in the syllabus and may require approval of the department chair. Aims' home department will work with schools to determine the appropriate equipment, space, etc. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in a STEM-related field plus 2,000 hours of relevant industry experience winthin the last 10 years OR associate's degree in a STEM-related field plus 4,000 horus of releveant industry experience within the last 10 years. Experience older than 10 years will be considered if the candidate has been continously teaching in the content area since that time.
MTE 1102 (105) Safety Manufacturing Environment 1 credit	Introduces federal and state regulations, industrial practices, and accident investigation techniques. This course covers hazard communication standard, lockout/tagout procedures, eye safety, lifting techniques, electrical safety, stored energy safety, personal protective equipment, safety program development and monitoring, and accident investigation techniques. This course also serves as the prerequisite for all Advanced Technology Center programs.	None	No required text; however, department does have suggested texts — contact HSP for info. While a specific textbook is not required, resources used for the class must be documented in the syllabus and may require approval of the department chair. Aims' home department will work with schools to determine the appropriate equipment, space, etc. Course contact time: 1,125 minutes	High school classroom capacity	Bachelor's degree in a STEM-related field plus 2,000 hours of relevant industry experience winthin the last 10 years OR associate's degree in a STEM-related field plus 4,000 horus of releveant industry experience within the last 10 years. Experience older than 10 years will be considered if the candidate has been continously teaching in the content area since that time.
MTE 1220 Lean Manufacturing 1 credit	Focuses on the study of the Toyota Production System (TPS). Course is not repeatable for credit.	None	No required text; however, department does have suggested texts — contact HSP for info. While a specific textbook is not required, resources used for the class must be documented in the syllabus and may require approval of the department chair. Aims' home department will work with schools to determine the appropriate equipment, space, etc. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in a STEM-related field plus 2,000 hours of relevant industry experience winthin the last 10 years OR associate's degree in a STEM-related field plus 4,000 horus of releveant industry experience within the last 10 years. Experience older than 10 years will be considered if the candidate has been continously teaching in the content area since that time.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
MTE 2220 Lean Six Sigma 4 credits	Exposes students to the Lean Six Sigma DMAIC (Define, Measure, Analyze, Improve, Control) improvement approach along with statistical and lean tools used in industry.	None	No required text; however, department does have suggested texts — contact HSP for info. While a specific textbook is not required, resources used for the class must be documented in the syllabus and may require approval of the department chair. Aims' home department will work with schools to determine the appropriate equipment, space, etc. Course contact time: 3,750 minutes	High school classroom capacity	Bachelor's degree in a STEM-related field plus 2,000 hours of relevant industry experience winthin the last 10 years OR associate's degree in a STEM-related field plus 4,000 horus of releveant industry experience within the last 10 years. Experience older than 10 years will be considered if the candidate has been continously teaching in the content area since that time.
MUS 1020 Music Appreciation [AH1] 3 credits	Introduces the study of music focusing on intelligent listening skills, the elements of music and their relationships, the musical characteristics of representative works and composers, common musical forms and genres of various Western, and non-Western historical style periods. This is a statewide Guaranteed Transfer course in the GT-AH1 category.	None	No required materials; text will need to be approved by Visual & Performing Arts chair. Site visit not required. Course contact time: 2,250 minutes	25	Master’s degree in music OR master’s degree including 18 graduate level credit hours in music.
MUS 1022 Music History: Early Romantic Period to the Present [AH1] 3 credits	Provides an historical survey of Western art music connecting the classical period to the Romantic period and following to the present. This course includes the study of styles, genres, composers, works, and significant cultural and historical influences upon the repertoire. This is a statewide Guaranteed Transfer course in the GT-AH1 category.	None	No required materials; text will need to be approved by Visual & Performing Arts chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master’s degree in music OR master’s degree including 18 graduate level credit hours in music.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
MUS 1023 Survey of World Music [AH1] 3 credits	Provides an overview of music from around the globe including folk, ethnic, non-Western and popular styles. Develops basic listening skills and builds a historical/cultural context for world music styles to enable an understanding and appreciation of global music. This is a statewide Guaranteed Transfer course in the GT-AH1 category.	None	No required materials; text will need to be approved by Visual & Performing Arts chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in music OR master's degree including 18 graduate level credit hours in music.
MUS 1025 History of Jazz [AH1] 3 credits	Provides an overview of jazz history covering the basic materials of music and the forms, media, genres, and the historical and cultural framework of each style period. This course emphasizes the building of critical listening tools and the development of a jazz music vocabulary. This is a statewide Guaranteed Transfer course in the GT-AH1 category.	None	No required materials; text will need to be approved by Visual & Performing Arts chair Site visit not required. Course contact time: 2,700 minutes	High school classroom capacity	Master's degree in music OR master's degree including 18 graduate level credit hours in music.
MUS 1051 Ensemble I 1 credit	Rehearses and performs various types of musical literature in either a vocal ensemble or instrumental ensemble.	None	No required materials; text will need to be approved by Visual & Performing Arts chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in music discipline/instrument OR 18 graduate level credit hours in appropriate discipline/ instrument OR bachelor's degree in music plus 8,000 hours of experience in private lesson/performance.
MUS 1052 Ensemble II 1 credit	Rehearses and performs various types of musical literature. First year, second term.	MUS 1051 with a grade of C or better	No required materials; text will need to be approved by Visual & Performing Arts chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in music discipline/instrument OR 18 graduate level credit hours in appropriate discipline/ instrument OR bachelor's degree in music plus 8,000 hours of experience in private lesson/performance.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/ SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
MUS 1053 Ensemble III 1 credit	Rehearses and performs various types of musical literature. First year, third term.	MUS 1052 with a grade of C or better	No required materials; text will need to be approved by Visual & Performing Arts chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in music discipline/ instrument OR 18 graduate level credit hours in appropriate discipline/instrument OR bachelor's degree in music plus 8,000 hours of experience in private lesson/performance.
MUS 1065 Music Instrument Digital Interface I 2 credits	Considers the language of MIDI, computer skills necessary to learn music software applications, and the process of design and set-up of a music technology workstation. This course covers the uses of computers in the music profession.	None	No required materials; text will need to be approved by Communication Media Department Chair (only MUS class that is not in the Music department). Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in electronic music production OR master's degree including 18 graduate level credit hours in music production. Faculty must have an Aims CTE Credential to teach this course.
MUS 1051 Ensemble I 1 credit	Rehearses and performs various types of musical literature. Second year, first term.	MUS 1053 with a grade of C or better	No required materials; text will need to be approved by Visual & Performing Arts chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in music discipline/ instrument OR 18 graduate level credit hours in appropriate discipline/instrument OR bachelor's degree in music plus 8,000 hours of experience in private lesson/performance.
NUA 1001 Nurse Aide Health Care Skills 4 credits	Prepares the student to perform the fundamental skills of the nurse aide. Basic nursing skills, communication skills, restorative services, personal care skills, safety and emergency care issues are covered. Includes knowledge and/or principles of asepsis, OSHA and HIPAA regulations. Ethical behaviors, cultural sensitivity and principles of mental health will be addressed, as well as patient/resident rights. Department approval is required. This course has admission requirements. Please call or email the nurse aide department for more information. See the department web page at aims.edu/degrees-certificates/nurse-aide for contact information.	Permission of instructor Co-requisite: NUA 1070	Application with the SBON needs to be done and approved before classes can begin. Need to have a SBON approved lab with all the required equipment and supplies. Part of the lab is a sink with running water. Need to have 50 contact hours for theory, and 30 contact hours for lab. Textbook: Hartman's Nursing Assistant Care, The Basics — 6th edition.	10:1 ratio for the lab component	Bachelor's degree in Nursing with an active Nursing license OR Associate's degree in Nursing with an active nursing license PLUS 8000 hours of professional experience. Worked at least 1 year with elderly. Need to be part of the discussion on selection of the instructor. Must be approved by the SBON. Instructor will attend all Nurse Aide trainings and meetings. Will have observations done each semester.

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NUA 1070 Nurse Aide Clinical Experience 1 credit	Applies knowledge and skill gained in NUA 1001 to patient care. Department approval is required. This course has admission requirements. Please call or email the nurse aide department for more information. See the department web page at aims.edu/degrees-certificates/nurse-aide for contact information. Co-Requisite: NUA 1001. Course is repeatable with a maximum of 6 credit hours.future.	Permission of instructor Co-requisite: NUA 1001	Approved with the requirements for NUA 1001. Clincial site will be coordinated by Aims Clinical Coordinator. May be the same instructor for NUA 1001.	10:1 ratio	Bachelor's degree in Nursing with an active Nursing license OR Associate's degree in Nursing with an active nursing license PLUS 8000 hours of professional experience. Worked at least 1 year with elderly. Need to be part of the discussion on selection of the instructor. Must be approved by the SBON. Instructor will attend all Nurse Aide trainings and meetings. Will have observations done each semester.
PED 1000 Fitness Concepts 1 credit	Focuses on providing information and guidelines for moving toward a more healthy lifestyle. Includes classroom instruction, an individual fitness evaluation, computerized analysis of results, and a prescribed exercise program utilizing the equipment and exercise options available in the Fitness Center.	None	Text/materials not required. Course contact time: 15 contact hours	High school classroom capacity	Associate's Degree, accompanied by 4,000 hours of related experience and a relevant certification (if applicable). Bachelor's Degree, accompanied by 2,000 hours of related experience and a relevant certification (if applicable). Master's Degree in Exercise Science, Kinesiology, or related field, and a relevant certification (if applicable).
PED 1002 Weight Training I 1 credit	Offers basic instruction and practice in weight training. Students utilize weight training equipment in accordance to their abilities and goals. Emphasizes weight training equipment orientation, correct lifting techniques, and basic program design for men and women.	None	Weight training equipment. Course contact time: 30 contact hours	High school classroom capacity	Associate's Degree, accompanied by 4,000 hours of related experience and a relevant certification (if applicable). Bachelor's Degree, accompanied by 2,000 hours of related experience and a relevant certification (if applicable). Master's Degree in Exercise Science, Kinesiology, or related field, and a relevant certification (if applicable).

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
PED 1003 Weight Training II 2 credits	Offers guided instruction and independent practice in weight training for men and women. Students practice various weight training techniques in accordance with their abilities. Emphasizes physiological considerations, equipment orientation, correct lifting techniques, program design, and nutrition.	Pass PED 1002 with a C or above	Weight training equipment. Course contact time: 60 hours	High school classroom capacity	Associate's Degree, accompanied by 4,000 hours of related experience and a relevant certification (if applicable). Bachelor's Degree, accompanied by 2,000 hours of related experience and a relevant certification (if applicable). Master's Degree in Exercise Science, Kinesiology, or related field, and a relevant certification (if applicable).
PED 1005 Fitness Circuit Training 1 credit	Examines a number of different circuit training programs. Emphasizes the development of cardiovascular endurance, muscular strength and endurance, flexibility and a healthy body composition to meet individual needs.	None	Text/materials not required. Course contact time: 30 hours	High school classroom capacity	Associate's Degree, accompanied by 4,000 hours of related experience and a relevant certification (if applicable). Bachelor's Degree, accompanied by 2,000 hours of related experience and a relevant certification (if applicable). Master's Degree in Exercise Science, Kinesiology, or related field, and a relevant certification (if applicable).
PED 1043 Yoga I 1 credit	Offers a guided instruction in yoga. Students practice yoga according to their individual fitness levels and abilities. Emphasizes enhancing general health and well-being through the performance of yoga strength, flexibility, balance and relaxation techniques and exercises.	None	Yoga equipment. Site visit not required. Course contact time: 1,500 minutes	High school classroom capacity	Associate's Degree, accompanied by 4,000 hours of related experience and a relevant certification (if applicable). Bachelor's Degree, accompanied by 2,000 hours of related experience and a relevant certification (if applicable). Master's Degree in Exercise Science, Kinesiology, or related field, and a relevant certification (if applicable).

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PHI 1011 Introduction to Philosophy [AH3] 3 credits	Introduces significant theoretical and practical questions and emphasizes understanding the meaning and methods of philosophy. Includes: the human condition, logic, reality, knowledge, freedom, history, ethics, and religion. This is a statewide Guaranteed Transfer course in the GT-AH3 category.	None	No required text/ materials. Site visit not required. Course contact time: 2,250 minutes	25	Master's degree in philosophy, religious studies, or closely related field OR master's degree including 18 graduate level credit hours in philosophy or religious studies. Candidates teaching this class must demonstrate graduate work that specifically relates to general philosophy concepts.
PHI 1012 Ethics [AH3] 3 credits	Examines human life, experience, and thought in order to discover and develop the principles and values for pursuing a more fulfilled existence. Theories designed to justify ethical judgments are applied to a selection of contemporary personal and social issues. This course is a statewide guaranteed transfer course GT-AH3.	None	No required text/ materials. Site visit not required. Course contact time: 2,250 minutes	25	Master's degree in philosophy, religious studies, or closely related field OR master's degree including 18 graduate level credit hours in philosophy or religious studies. Candidates teaching this class must demonstrate graduate work that specifically relates to general philosophy concepts, including ethics.
PHI 1013 Logic [AH3] 3 credits	Studies effective thinking using language-oriented logic. Provides tools and develops skills for creative and critical thinking and the formal analysis of arguments. Emphasizes the development of decision- making and problem- solving. This is a statewide Guaranteed Transfer course in the GT-AH3 category.	None	No required text/ materials. Site visit not required. Course contact time: 2,250 minutes	25	Master's degree in philosophy, religious studies, or closely related field OR master's degree including 18 graduate level credit hours in philosophy or religious studies. Candidates teaching this class must demonstrate graduate work that specifically relates to general philosophy concepts, including logic.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
PHI 2005 Business Ethics [AH3] 3 credits	Examines major ethical theories and then applies ethical decision-making criteria to various moral issues and challenges in a business environment. This course includes issues such as job discrimination, worker's rights, consumerism, advertising, whistle-blowing, product safety, responsibility to the environment, as well as compassionate and fair responsibility to society. This is a statewide Guaranteed Transfer course in the GT-AH3 category. Course is not repeatable for credit.	None	No required text/ equipment. Site visit not required. Course contact time: 2,250 minutes	25	Master's degree in philosophy, religious studies, or closely related field OR master's degree including 18 graduate level credit hours in philosophy or religious studies. Candidates teaching this class must demonstrate graduate work that specifically relates to general philosophy concepts, including ethics. Professional/practical experience with business settings is also preferred.
PSC 1011 American Government [SS1] 3 credits	Explores the origins, development, structure, and functions of the American Constitution and national government. This course examines federalism, civil liberties, civil rights, electoral processes, and mechanisms of civic participation and influence. This is a statewide Guaranteed Transfer course in the GT-SS1 category.	None	No required text/ materials. Textbooks and materials need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Juris Doctorate (J.D.) degree with courses in aspects of law related to political systems and policy OR master's degree in political science, public policy, public administration, or international relations, OR master's degree including 18 graduate level credit hours in political science, public policy, public administration, or international relations.
PSC 1025 American State and Local Government [SS1] 3 credits	Emphasizes the structure and function of state, county, and municipal governments including their relations with each other and with national government. Includes a study of Colorado government and politics. This course is a statewide guaranteed transfer course GT-SSI.	None	No required text/ materials. Textbooks and materials need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Juris Doctorate (J.D.) degree with courses in aspects of law related to political systems and policy OR master's degree in political science, public policy, public administration, or international relations, OR master's degree including 18 graduate level credit hours in political science, public policy, public administration, or international relations.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
PSC 2020 Introduction to Political Science [SS1] 3 credits	Focuses on a survey of the discipline of political science, including political philosophy and ideology, democratic and non- democratic governments and processes, and international relations. This is a statewide Guaranteed Transfer course in the GT- SS1 category.	None	No required text/ materials. Textbooks and materials need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Juris Doctorate (J.D.) degree with courses in aspects of law related to political systems and policy OR master's degree in political science, public policy, public administration, or international relations, OR master's degree including 18 graduate level credit hours in political science, public policy, public administration, or international relations.
PSC 2025 Comparative Government [SS1] 3 credits	Examines domestic political systems, developments, themes, and events across countries and regions while applying the comparative method to identify similarities and differences. This is a statewide Guaranteed Transfer course in the GT-SS1 category.	None	No required text/ materials. Textbooks and materials need to be approved by Department Chair. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Juris Doctorate (J.D.) degree with courses in aspects of law related to political systems and policy OR master's degree in political science, public policy, public administration, or international relations, OR master's degree including 18 graduate level credit hours in political science, public policy, public administration, or international relations.
PRO 1000 Introduction to Process Tech 4 credits	Provides an introduction into the field of Process Operations within the process industry. Introduces the roles and responsibilities of process technicians, the environment in which they work, and the equipment and systems in which they operate.	None	No required text; however, department does have suggested texts — contact HSP for info. While a specific textbook is not required, resources used for the class must be documented in the syllabus and may require approval of the department chair. Aims' home department will work with schools to determine the appropriate equipment, space, etc. Course contact time: 3,000 minutes	High school classroom capacity	Bachelor's degree in a STEM-related field plus 2,000 hours of relevant industry experience winthin the last 10 years OR associate's degree in a STEM-related field plus 4,000 horus of releveant industry experience within the last 10 years. Experience older than 10 years will be considered if the candidate has been continously teaching in the content area since that time.

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PRO 1300 Process Technology I: Equipment 4 credits	Provides an overview or introduction into the field of equipment within the process industry. This course will introduce many process industry-related equipment concepts including purpose, components, operation, and the Process Technician's role for operating and troubleshooting the equipment.	None	No required text; however, department does have suggested texts — contact HSP for info. While a specific textbook is not required, resources used for the class must be documented in the syllabus and may require approval of the department chair. Aims' home department will work with schools to determine the appropriate equipment, space, etc. Course contact time: 3,000 minutes	High school classroom capacity	Bachelor's degree in a STEM-related field plus 2,000 hours of relevant industry experience winthin the last 10 years OR associate's degree in a STEM-related field plus 4,000 horus of releveant industry experience within the last 10 years. Experience older than 10 years will be considered if the candidate has been continously teaching in the content area since that time.
PRO 1340 Instrumentation I 3 credits	Provides an introduction into the field of Instrumentation and covers process variables and the various instruments used to sense, measure, transmit and control these variables. The course also introduces control loops and the elements that are found in different types of loops, such as controllers, regulators and final control elements. The course concludes with a study of instrumentation drawings and diagrams and a unit on troubleshoot instrumentation.	None	No required text; however, department does have suggested texts — contact HSP for info. While a specific textbook is not required, resources used for the class must be documented in the syllabus and may require approval of the department chair.Aims' home department will work with schools to determine the appropriate equipment, space, etc. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in a STEM-related field plus 2,000 hours of relevant industry experience winthin the last 10 years OR associate's degree in a STEM-related field plus 4,000 horus of releveant industry experience within the last 10 years. Experience older than 10 years will be considered if the candidate has been continously teaching in the content area since that time.
PRO 2700 Industrial Troubleshooting 4 credits	Provides instruction in the different types of troubleshooting techniques, procedures, and methods used to solve process problems. Topics include application of data collection and analysis, cause-effect relationships, and reasoning. Course is not repeatable for credit.	None	No required text; however, department does have suggested texts — contact HSP for info. While a specific textbook is not required, resources used for the class must be documented in the syllabus and may require approval of the department chair. Aims' home department will work with schools to determine the appropriate equipment, space, etc. Course contact time: 3,750 minutes	High school classroom capacity	Bachelor's degree in a STEM-related field plus 2,000 hours of relevant industry experience winthin the last 10 years OR associate's degree in a STEM-related field plus 4,000 horus of releveant industry experience within the last 10 years. Experience older than 10 years will be considered if the candidate has been continously teaching in the content area since that time.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
PRO 2800 Quality in Process Technology 3 credits	Provides an introduction to the field of Quality within the Process Industry. This course will introduce many process industry-related quality concepts including operating consistency, continuous improvement, plant economics, team skills and statistical process control (SPC). Course is not repeatable for credit.	None	No required text; however, department does have suggested texts — contact HSP for info. While a specific textbook is not required, resources used for the class must be documented in the syllabus and may require approval of the department chair. Aims' home department will work with schools to determine the appropriate equipment, space, etc. Course contact time: 2,250 minutes	High school classroom capacity	Bachelor's degree in a STEM-related field plus 2,000 hours of relevant industry experience winthin the last 10 years OR associate's degree in a STEM-related field plus 4,000 horus of releveant industry experience within the last 10 years. Experience older than 10 years will be considered if the candidate has been continously teaching in the content area since that time.
PSY 1001 General Psychology I [SS3] 3 credits	Focuses on the scientific study of behavior including motivation, emotion, physiological psychology, stress and coping, research methods, consciousness, sensation, perception, learning, and memory. This is a statewide Guaranteed Transfer course in the GT- SS3 category.	None	Required text — contact HSP for info. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master’s degree in the psychological sciences (including all recognized subdisciplines and closely related disciplines such as counseling, applied psychology areas such as industrial organizational forensic, adolescent, child, adult, etc., clinical mental health, behavioral economics, human sexuality, human development and family studies, gerontology, gender studies comparative behavior, clinical social work, etc.) OR master’s degree including 18 graduate level credit hours from these listed fields. Research, publication, or other work experience as well as teaching experience as useful for up to three graduate level credit hours of coursework. A candidate who is close to the master’s degree and making clear progress may also be considered.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
PSY 1002 General Psychology II [SS3] 3 credits	Focuses on the scientific study of behavior including cognition, language, intelligence, psychological assessment, personality, abnormal psychology, therapy, life span development, sex, gender, sexuality, and social psychology. This is a statewide Guaranteed Transfer course in the GT-SS3 category. NOTE: PSY 101 is NOT a pre-requisite.	None	Required text — contact HSP for info. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in the psychological sciences (including all recognized subdisciplines and closely related disciplines such as counseling, applied psychology areas such as industrial organizational forensic, adolescent, child, adult, etc., clinical mental health, behavioral economics, human sexuality, human development and family studies, gerontology, gender studies comparative behavior, clinical social work, etc.) OR master's degree including 18 graduate level credit hours from these listed fields. Research, publication, or other work experience as well as teaching experience as useful for up to three graduate level credit hours of coursework. A candidate who is close to the master's degree and making clear progress may also be considered.
PSY 1010 Career Development 3 credits	Focuses on developing recognition of career potential. This course also covers tools used to make realistic decisions concerning educational and occupational objectives. Course is not repeatable for credit.	None	Required text — contact HSP for info. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in the psychological sciences (including all recognized subdisciplines and closely related disciplines such as counseling, applied psychology areas such as industrial organizational forensic, adolescent, child, adult, etc., clinical mental health, behavioral economics, human sexuality, human development and family studies, gerontology, gender studies comparative behavior, clinical social work, etc.) OR master's degree including 18 graduate level credit hours from these listed fields. Research, publication, or other work experience as well as teaching experience as useful for up to three graduate level credit hours of coursework. A candidate who is close to the master's degree and making clear progress may also be considered.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
PSY 2221 Social Psychology [SS3] 3 credits	Focuses on the behavior of humans in a wide variety of social settings and the social influences humans have on each other in those settings. This is a statewide Guaranteed Transfer course in the GT-SS3 category. Course is not repeatable for credit.	None	Required text — contact HSP for info. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in the psychological sciences (including all recognized subdisciplines and closely related disciplines such as counseling, applied psychology areas such as industrial organizational forensic, adolescent, child, adult, etc., clinical mental health, behavioral economics, human sexuality, human development and family studies, gerontology, gender studies comparative behavior, clinical social work, etc.) OR master's degree including 18 graduate level credit hours from these listed fields. Research, publication, or other work experience as well as teaching experience as useful for up to three graduate level credit hours of coursework. A candidate who is close to the master's degree and making clear progress may also be considered.
PSY 2331 Positive Psychology [SS3] 3 credits	Focuses on human strengths and explores strengths-based research and concepts of life satisfaction, well-being, happiness, helpfulness, resiliency, post-traumatic growth, and improving emotional, psychological, and social functioning. This is a statewide Guaranteed Transfer course in the GT- SS3 category.	None	Required text — contact HSP for info. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in the psychological sciences (including all recognized subdisciplines and closely related disciplines such as counseling, applied psychology areas such as industrial organizational forensic, adolescent, child, adult, etc., clinical mental health, behavioral economics, human sexuality, human development and family studies, gerontology, gender studies comparative behavior, clinical social work, etc.) OR master's degree including 18 graduate level credit hours from these listed fields. Research, publication, or other work experience as well as teaching experience as useful for up to three graduate level credit hours of coursework. A candidate who is close to the master's degree and making clear progress may also be considered.

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PSY 2440 Human Growth & Development [SS3] 3 credits	Examines human development from conception through death, emphasizing physical, cognitive, emotional, and psychosocial factors. This is a statewide Guaranteed Transfer course in the GT-SS3 category.	None	Required text — contact HSP for info. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in the psychological sciences (including all recognized subdisciplines and closely related disciplines such as counseling, applied psychology areas such as industrial organizational forensic, adolescent, child, adult, etc., clinical mental health, behavioral economics, human sexuality, human development and family studies, gerontology, gender studies comparative behavior, clinical social work, etc.) OR master's degree including 18 graduate level credit hours from these listed fields. Research, publication, or other work experience as well as teaching experience as useful for up to three graduate level credit hours of coursework. A candidate who is close to the master's degree and making clear progress may also be considered.
RTV 1006 Principles of Audio 3 credits	Focuses on basic audio production techniques to be used in television production. Includes the use of basic audio equipment and mixer to produce audio tracks for radio and television production.	None	No textbook. Required materials are provided in the classroom.	15	Bachelor's degree in Information Technology, Journalism, Broadcasting or related field plus 4,000 hours or 2 years in a media-related field in the last 10 years OR an Associates of Applied Sciences degree in Information Technology, Journalism, Broadcasting or related field plus 8,000 hours or 4 years in a a related field in the last 10 years.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
RTV 2003 Audio Mixing 3 credits	Includes the fundamentals of audio mixing from the audio source to final master. By explaining the principles of mixing and the technical foundations of audio recording. Analyzing the principles of acquiring, manipulating, recording, and final mixing of audio and discussing the differences between digital and analog recording. Each student will summarize the function of microphones, audio sources, recording devices, and speakers and complete recording exercises and projects according to provided guidelines. Demonstration of linear and non-linear master mixing will also be required. Course is not repeatable for credit.	RTV 1006 with a grade of C or better	No textbook. Required materials are provided in the classroom.	15	Bachelor's degree in Information Technology, Journalism, Broadcasting or related field plus 4,000 hours or 2 years in a media-related field in the last 10 years OR an Associates of Applied Sciences degree in Information Technology, Journalism, Broadcasting or related field plus 8,000 hours or 4 years in a a related field in the last 10 years.
SOC 1001 Introduction to Sociology I 3 credits	This course examines the basic concepts, theories, and principles of sociology, including topics of culture, race, class, gender, sexuality, social groups, and deviance through a local and global lens. Analyzes and interprets socio-historic as well as contemporary issues by using critical thinking skills and linking individual experiences to social structures. This is a statewide Guaranteed Transfer course in the GT-SS3 category.	None	No required text/ materials. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in sociology OR master's degree including 18 graduate level credit hours in sociology or closely related field. Research, publication, or work experience may be substituted for up to three graduate credits. A candidate who is close to the master's degree and making progress may also be considered.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
SPA 1001 Conversational Spanish I 3 credits	Offers beginning students the skills necessary to understand and speak Spanish. The material includes basic vocabulary, grammar, and expressions that are used in daily situations and in travel.	None	Text must be approved by Department Chair. Site visit not required. Course contact time: 2,700 minutes	High school classroom capacity	Master's degree in Spanish OR a master's degree in a closely related field including 18 graduate level credit hours in Spanish.
SPA 1002 Conversational Spanish II 3 credits	Offers students the skills necessary to understand and speak Spanish. The material continues to cover basic conversations patterns, expressions, and grammar.	SPA 1001 with a grade of C or better	Text must be approved by Department Chair. Site visit not required. Course contact time: 2,700 minutes	High school classroom capacity	Master's degree in Spanish OR a master's degree in a closely related field including 18 graduate level credit hours in Spanish.
SPA 1011 Spanish Language I [GT-AH4] 5 credits	Develops students' interpretive, interpersonal, and presentational communicative abilities in the language. Integrates these skills in the cultural contexts in which the language is used. Offers a foundation in the analysis of culture.	None	Text must be approved by Department Chair. Site visit not required. Course contact time: 4,500 minutes	High school classroom capacity	Master's degree in Spanish OR a master's degree in a closely related field including 18 graduate level credit hours in Spanish.
SPA 1012 Spanish Language II [GT-AH4] 5 credits	Expands students' interpretive, interpersonal, and presentational communicative abilities in the language across the disciplines. Integrates these skills with the study of the cultures in which the language is used. Offers a foundation in the analysis of culture and develops intercultural communicative strategies.	SPA 1011 with a grade of C or better	Text must be approved by Department Chair. Site visit not required. Course contact time: 4,500 minutes	High school classroom capacity	Master's degree in Spanish OR a master's degree in a closely related field including 18 graduate level credit hours in Spanish.
SPA 2011 Spanish Language III [AH4] 3 credits	Continues Spanish Language II in the development of increased functional proficiency at the intermediate level in speaking, aural comprehension, reading, writing, and cultural competency in the Spanish language. This course is conducted predominantly in Spanish. This is a statewide Guaranteed Transfer course in the GT-AH4 category.	SPA 1012 with a grade of C or better	Text must be approved by Department Chair. Site visit not required. Course contact time: 2,700 minutes	High school classroom capacity	Master's degree in Spanish OR a master's degree in a closely related field including 18 graduate level credit hours in Spanish.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
SPA 2012 Spanish Language IV [AH4] 3 credits	Continues Spanish Language III in the development of increased functional proficiency at intermediate mid-level in speaking, aural comprehension, reading, writing, and cultural competency in the Spanish language. This course is conducted predominantly in Spanish. This is a statewide Guaranteed Transfer course in the GT-AH4 category.	SPA 2011 with a grade of C or better	Text must be approved by Department Chair. Site visit not required. Course contact time: 2,700 minutes	High school classroom capacity	Master's degree in Spanish OR a master's degree in a closely related field including 18 graduate level credit hours in Spanish.
SPA 2061 Grammar for the Heritage Language Speaker 3 credits	Provides formal grammatical instruction to Foreign Language students whether native or bilingual who want to develop their existing proficiency in the target language. Course is not repeatable for credit.	Observed experience with the heritage language	Text must be approved by Department Chair. Site visit not required. Course contact time: 2,700 minutes	High school classroom capacity	Master's degree in Spanish OR a master's degree in a closely related field including 18 graduate level credit hours in Spanish.
UAS 2055 UAS Flight Training 3 credits	Covers the regulations pertaining to Unmanned Aircraft Systems (UAS) operations including airspace, weather, and flight parameter limitations. This course covers UAS components and systems, maintenance, autonomy, ground stations, and telemetry in preparation for the UAS Operator written test. Differential tuition rates apply. Course is not repeatable for credit.	None	Required: Specified fleet of FAA/ Aims registered & insured fixed wing & multirotor Unmanned Aerial System Aircraft Laptops w/ internet Inside lab for UAS ground operations including research, lecture, training, setup, maintenance & flight planning. Outside lab for UAS flight operations including open space for Part 107 regulated flying from 0-400' AGL, and a safe flight establishment for UAS student pilots. Site visit required. Course contact time: 3,375 minutes	Minimum of 10 and maximum of 18	Must possess an FAA Part 107-Remote Pilot Certificate and Bachelor's degree in aviation, engineering, education, or another related field OR Associate's degree, FAA Part 107-Remote Pilot Certificate and two years of experience as a UAS pilot AND CTE credential.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
UAS 1055 Unmanned Aircraft Systems Ground School 2 credits	Introduces and develops flight control and piloting techniques for common UAS platforms. Students will learn and demonstrate maneuvers, procedures, and best practices for safe UAS operation on fixed-wing and rotary-wing unmanned aircraft systems (drones).	None	Latest FAR/AIM — Optional. Latest ASA Remote Pilot Test Prep — Optional. Latest FAA Airman Knowledge Test Supplement. Site visit required. Course contact time: 1,500 minutes	Minimum of 10 and maximum of 30	CTE Credential Requirement: A.A.S. in UAS or a Bachelor of Science Degree, AND hold a current FAA Part 107 Remote Pilot Certificate, AND logged 50-plus of recreational/training/ commercial UAS operating flight hours, OR one year (two semesters) verified full-time experience teaching UAS related coursework (full-time is defined as 51% or more of a teaching schedule dedicated to teaching the content area).
WEL 1000 Safety for Welders 1 credit	Covers the hazards of welding on health and safety.	None	Required text — contact HSP for info. Use of D2L required. Site visit required. Course contact time: 750 minutes	Instructor to student ratio of 15:1	Associate degree or higher or 2000 hours or more experience in managing, leading, or operating under an industrial safety program and a current relevant industry safety certification or licensure AND CTE credential.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
WEL 1001 Allied Cutting Process 4 credits	Covers setting up equipment and performing cutting and gouging operations utilizing the oxyacetylene, air carbon arc, exothermic, and plasma arc cutting processes. This course will also introduce blueprint reading.	WEL 1000 with a grade of C or better	Required text — contact HSP for info. Use of D2L required. Specialized welding and personal protective equipment required — check with HSP for current info. Site visit required. Course contact time: 4,125 minutes	Instructor to student ratio of 15:1	Possess demonstrable expertise in OAW, OFC, PAC, CAC-A, SMAW, FCAW, GMAW, GTAW, on carbon steel, stainless steel, and aluminum on structural and piping shapes of appropriate positions and process for the course content being taught. Expertise may be demonstrated through AWS, ASME, API, AWWA, or other current welder certifications of appropriate positions and process, transcripted courses, portfolio of works with examples showing positions and process, or in-person demonstrations. and Associates of Applied Science Degree or higher in Welding Technology, Welding Engineering Technology, Agriculture, Career and Technical Education, or related field and 4000 hours of verifiable industry occupational welding experience outside of teaching within the past 10 years. Industry hours more than 10 years old may be considered if the instructor has been teaching for a significant portion of the past 10 years. AAS Degree may be obtained within the first three years of teaching Aims courses as long as the industry experience hours requirement has been met at the time of hiring AND CTE credential.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
WEL 1003 Basic Shielded Metal Arc I 4 credits	Covers Shielded Metal Arc Welding (SMAW) operation utilizing E-XX10 electrodes..	WEL 1001 with a grade of C or better	Required text — contact HSP for info. Use of D2L required. Specialized welding and personal protective equipment required — check with HSP for current info. Site visit required. Course contact time: 4,125 minutes	Instructor to student ratio of 15:1	Possess demonstrable expertise in OAW, OFC, PAC, CAC-A, SMAW, FCAW, GMAW, GTAW, on carbon steel, stainless steel, and aluminum on structural and piping shapes of appropriate positions and process for the course content being taught. Expertise may be demonstrated through AWS, ASME, API, AWWA, or other current welder certifications of appropriate positions and process, transcripted courses, portfolio of works with examples showing positions and process, or in-person demonstrations and Associates of Applied Science Degree or higher in Welding Technology, Welding Engineering Technology, Agriculture, Career and Technical Education, or related field and 4000 hours of verifiable industry occupational welding experience outside of teaching within the past 10 years. Industry hours more than 10 years old may be considered if the instructor has been teaching for a significant portion of the past 10 years. AAS Degree may be obtained within the first three years of teaching Aims courses as long as the industry experience hours requirement has been met at the time of hiring AND CTE credential.

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WEL 1010 Advanced Shielded Metal Arc I 4 credits	Covers Shielded Metal Arc Welding (SMAW) operations utilizing a variety of electrodes and advanced joint designs.	WEL 1003 with a grade of C or better	Required text — contact HSP for info. Use of D2L required. Specialized welding and personal protective equipment required — check with HSP for current info. Site visit required. Course contact time: 4,125 minutes	Instructor to student ratio of 15:1	Possess demonstrable expertise in OAW, OFC, PAC, CAC-A, SMAW, FCAW, GMAW, GTAW, on carbon steel, stainless steel, and aluminum on structural and piping shapes of appropriate positions and process for the course content being taught. Expertise may be demonstrated through AWS, ASME, API, AWWA, or other current welder certifications of appropriate positions and process, transcripted courses, portfolio of works with examples showing positions and process, or in-person demonstrations and Associates of Applied Science Degree or higher in Welding Technology, Welding Engineering Technology, Agriculture, Career and Technical Education, or related field and 4000 hours of verifiable industry occupational welding experience outside of teaching within the past 10 years. Industry hours more than 10 years old may be considered if the instructor has been teaching for a significant portion of the past 10 years. AAS Degree may be obtained within the first three years of teaching Aims courses as long as the industry experience hours requirement has been met at the time of hiring AND CTE credential.

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WEL 2001 Gas Metal Arc Welding I 4 credits	Covers Gas Metal Arc Welding (GMAW) operations on carbon steel utilizing various positions and joint designs.	WEL 1010 with a grade of C or better	Required text — contact HSP for info. Use of D2L required. Specialized welding and personal protective equipment required — check with HSP for current info. Site visit required. Course contact time: 4,125 minutes	Instructor to student ratio of 15:1	Possess demonstrable expertise in OAW, OFC, PAC, CAC-A, SMAW, FCAW, GMAW, GTAW, on carbon steel, stainless steel, and aluminum on structural and piping shapes of appropriate positions and process for the course content being taught. Expertise may be demonstrated through AWS, ASME, API, AWWA, or other current welder certifications of appropriate positions and process, transcripted courses, portfolio of works with examples showing positions and process, or in-person demonstrations and Associates of Applied Science Degree or higher in Welding Technology, Welding Engineering Technology, Agriculture, Career and Technical Education, or related field and 4000 hours of verifiable industry occupational welding experience outside of teaching within the past 10 years. Industry hours more than 10 years old may be considered if the instructor has been teaching for a significant portion of the past 10 years. AAS Degree may be obtained within the first three years of teaching Aims courses as long as the industry experience hours requirement has been met at the time of hiring AND CTE credential.

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WEL 2002 Gas Metal Arc Welding II 4 credits	Covers Gas Metal Arc Welding (GMAW) operations utilizing various base metals, positions and joint designs.	WEL 2001 with a grade of C or better	Required text — contact HSP for info. Use of D2L required. Specialized welding and personal protective equipment required — check with HSP for current info. Site visit required. Course contact time: 4,125 minutes	Instructor to student ratio of 15:1	Possess demonstrable expertise in OAW, OFC, PAC, CAC-A, SMAW, FCAW, GMAW, GTAW, on carbon steel, stainless steel, and aluminum on structural and piping shapes of appropriate positions and process for the course content being taught. Expertise may be demonstrated through AWS, ASME, API, AWWA, or other current welder certifications of appropriate positions and process, transcripted courses, portfolio of works with examples showing positions and process, or in-person demonstrations and Associates of Applied Science Degree or higher in Welding Technology, Welding Engineering Technology, Agriculture, Career and Technical Education, or related field and 4000 hours of verifiable industry occupational welding experience outside of teaching within the past 10 years. Industry hours more than 10 years old may be considered if the instructor has been teaching for a significant portion of the past 10 years. AAS Degree may be obtained within the first three years of teaching Aims courses as long as the industry experience hours requirement has been met at the time of hiring AND CTE credential.

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WEL 2004 Flux Cored Arc Welding II 4 credits	Covers Flux Cored Arc Welding (FCAW-G) operations utilizing gas-shielded wire in various positions and joint designs.	WEL 2002 with a grade of C or better	Required text — contact HSP for info. Use of D2L required. Specialized welding and personal protective equipment required — check with HSP for current info. Site visit required. Course contact time: 4,125 minutes	Instructor to student ratio of 15:1	Possess demonstrable expertise in OAW, OFC, PAC, CAC-A, SMAW, FCAW, GMAW, GTAW, on carbon steel, stainless steel, and aluminum on structural and piping shapes of appropriate positions and process for the course content being taught. Expertise may be demonstrated through AWS, ASME, API, AWWA, or other current welder certifications of appropriate positions and process, transcripted courses, portfolio of works with examples showing positions and process, or in-person demonstrations and Associates of Applied Science Degree or higher in Welding Technology, Welding Engineering Technology, Agriculture, Career and Technical Education, or related field and 4000 hours of verifiable industry occupational welding experience outside of teaching within the past 10 years. Industry hours more than 10 years old may be considered if the instructor has been teaching for a significant portion of the past 10 years. AAS Degree may be obtained within the first three years of teaching Aims courses as long as the industry experience hours requirement has been met at the time of hiring AND CTE credential.

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WEL 2024 Gas Tungsten Arc Welding II 4 credits	Covers Gas Tungsten Arc Welding (GTAW) operations utilizing a variety of base metals and advanced joint designs.	WEL 2004 with a grade of C or better	Required text — contact HSP for info. Use of D2L required. Specialized welding and personal protective equipment required — check with HSP for current info. Site visit required. Course contact time: 4,125 minutes	Instructor to student ratio of 15:1	Possess demonstrable expertise in OAW, OFC, PAC, CAC-A, SMAW, FCAW, GMAW, GTAW, on carbon steel, stainless steel, and aluminum on structural and piping shapes of appropriate positions and process for the course content being taught. Expertise may be demonstrated through AWS, ASME, API, AWWA, or other current welder certifications of appropriate positions and process, transcripted courses, portfolio of works with examples showing positions and process, or in-person demonstrations and Associates of Applied Science Degree or higher in Welding Technology, Welding Engineering Technology, Agriculture, Career and Technical Education, or related field and 4000 hours of verifiable industry occupational welding experience outside of teaching within the past 10 years. Industry hours more than 10 years old may be considered if the instructor has been teaching for a significant portion of the past 10 years. AAS Degree may be obtained within the first three years of teaching Aims courses as long as the industry experience hours requirement has been met at the time of hiring AND CTE credential.

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WEL 2030 Pipe Welding I 4 credits	Covers pipe welding operations utilizing the Shielded Metal Arc Welding (SMAW) process in a variety of positions on carbon steel.	WEL 2024 with a grade of C or better	Required text — contact HSP for info. Use of D2L required. Specialized welding and personal protective equipment required — check with HSP for current info. Site visit required. Course contact time: 4,125 minutes	Instructor to student ratio of 15:1	Possess demonstrable expertise in OAW, OFC, PAC, CAC-A, SMAW, FCAW, GMAW, GTAW, on carbon steel, stainless steel, and aluminum on structural and piping shapes of appropriate positions and process for the course content being taught. Expertise may be demonstrated through AWS, ASME, API, AWWA, or other current welder certifications of appropriate positions and process, transcripted courses, portfolio of works with examples showing positions and process, or in-person demonstrations and Associates of Applied Science Degree or higher in Welding Technology, Welding Engineering Technology, Agriculture, Career and Technical Education, or related field and 4000 hours of verifiable industry occupational welding experience outside of teaching within the past 10 years. Industry hours more than 10 years old may be considered if the instructor has been teaching for a significant portion of the past 10 years. AAS Degree may be obtained within the first three years of teaching Aims courses as long as the industry experience hours requirement has been met at the time of hiring AND CTE credential.

COURSE	DESCRIPTION	PREREQ	REQUIREMENTS: TEXT, SUPPLIES, MATERIALS/SITE VISIT/CONTACT TIME	ENROLLMENT CAPACITY	REQUIRED INSTRUCTOR CREDENTIALS
WEL 2031 Pipe Welding II 4 credits	Covers pipe welding operations utilizing various processes and positions.	WEL 2030 with a grade of C or better	Required text — contact HSP for info. Use of D2L required. Specialized welding and personal protective equipment required — check with HSP for current info. Site visit required. Course contact time: 4,125 minutes	Instructor to student ratio of 15:1	Possess demonstrable expertise in OAW, OFC, PAC, CAC-A, SMAW, FCAW, GMAW, GTAW, on carbon steel, stainless steel, and aluminum on structural and piping shapes of appropriate positions and process for the course content being taught. Expertise may be demonstrated through AWS, ASME, API, AWWA, or other current welder certifications of appropriate positions and process, transcripted courses, portfolio of works with examples showing positions and process, or in-person demonstrations and Associates of Applied Science Degree or higher in Welding Technology, Welding Engineering Technology, Agriculture, Career and Technical Education, or related field and 4000 hours of verifiable industry occupational welding experience outside of teaching within the past 10 years. Industry hours more than 10 years old may be considered if the instructor has been teaching for a significant portion of the past 10 years. AAS Degree may be obtained within the first three years of teaching Aims courses as long as the industry experience hours requirement has been met at the time of hiring AND CTE credential.

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WEL 2050 Layout and Fabrication 4 credits	Develops welding and associated skills in metal fabrication. Course is not repeatable for credit.	WEL 2031 with a grade of C or better	Required text — contact HSP for info. Use of D2L required. Specialized welding and personal protective equipment required — check with HSP for current info. Site visit required. Course contact time: 4,125 minutes	Instructor to student ratio of 15:1	Possess demonstrable expertise in OAW, OFC, PAC, CAC-A, SMAW, FCAW, GMAW, GTAW, on carbon steel, stainless steel, and aluminum on structural and piping shapes of appropriate positions and process for the course content being taught. Expertise may be demonstrated through AWS, ASME, API, AWWA, or other current welder certifications of appropriate positions and process, transcripted courses, portfolio of works with examples showing positions and process, or in-person demonstrations and Associates of Applied Science Degree or higher in Welding Technology, Welding Engineering Technology, Agriculture, Career and Technical Education, or related field and 4000 hours of verifiable industry occupational welding experience outside of teaching within the past 10 years. Industry hours more than 10 years old may be considered if the instructor has been teaching for a significant portion of the past 10 years. AAS Degree may be obtained within the first three years of teaching Aims courses as long as the industry experience hours requirement has been met at the time of hiring AND CTE credential.

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WEL 2089 Capstone 4 credits	Demonstrates culmination of learning within a given program of study. Course is repeatable with a maximum of 12 credit hours.	WEL 2050 with a grade of C or better	Required text — contact HSP for info. Use of D2L required. Specialized welding and personal protective equipment required — check with HSP for current info. Site visit required. Course contact time: 4,125 minutes	Instructor to student ratio of 15:1	Possess demonstrable expertise in OAW, OFC, PAC, CAC-A, SMAW, FCAW, GMAW, GTAW, on carbon steel, stainless steel, and aluminum on structural and piping shapes of appropriate positions and process for the course content being taught. Expertise may be demonstrated through AWS, ASME, API, AWWA, or other current welder certifications of appropriate positions and process, transcripted courses, portfolio of works with examples showing positions and process, or in-person demonstrations and Associates of Applied Science Degree or higher in Welding Technology, Welding Engineering Technology, Agriculture, Career and Technical Education, or related field and 4000 hours of verifiable industry occupational welding experience outside of teaching within the past 10 years. Industry hours more than 10 years old may be considered if the instructor has been teaching for a significant portion of the past 10 years. AAS Degree may be obtained within the first three years of teaching Aims courses as long as the industry experience hours requirement has been met at the time of hiring AND CTE credential.

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WST 2000 Intro to Women & Gender Studies [SS3] 3 credits	Explores the interdisciplinary field of women's studies. This course is an examination of the following topics: the historical basis of gender inequality; the history of social movements for gender equality and women's studies; women's achievements throughout history in various professional and academic fields; women's social, economic, religious, health and political status in the U.S. and around the globe; gender relations; intersectionality; cultural, media and artistic representations of women. This is a statewide Guaranteed Transfer course in the GT-SS3 category.	None	No required text/ materials. Site visit not required. Course contact time: 2,250 minutes	High school classroom capacity	Master's degree in women's studies OR master's degree plus combined approved experience in related field or coursework.

Aims COMMUNITY COLLEGE / *All in.*

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